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38<sup>th</sup> WorldSkills Competition  
38. WorldSkills Wettbewerb  
38ème Concours WorldSkills



# FINAL REPORT SCHLUSSBERICHT RAPPORT FINAL

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## 1. WorldSkills 2005 Helsinki – a world-class competition and a success

Planning and implementation of the 38th WorldSkills Competition was an extensive project. During the preparation and implementation of the project, trainers, enterprises, the WorldSkills Organisation, and its member organisations, and various other stakeholders put in hundreds and hundreds of voluntary hours to ensure the hugely successful Skills Finland competition. In Finland, 2005 was declared the National Year of Vocational Training and Young Professionals, and its main event was the 38th WorldSkills Competition.

The competition gathered together the hardest working, the most committed and well-prepared young master technicians and craftspeople from around the world, in order

to test them against tough international standards. The Competition brought 696 young competitors, from 38 different countries, to Helsinki, where they competed in 35 skills categories for the world championship in their field. There were 636 experts judging the competitors and preparing technical descriptions and test projects for the next competitions. Skill categories represented a variety of fields in the industry and services sectors. There were also five new skills represented, including Transport technology and Telecommunications Distribution Technology.

Many events, alongside the Competition, were planned to support the achievement of the objectives. The Global Skills Village brought together professionals of vocational

education and training: teachers and trainers, training providers, employers, other social partners and governments. The Village provided a unique opportunity, for all those involved, to exchange information, knowledge and experience, to build up new networks, to present good practices and to learn from each other. There were over 15 international seminars presented during the Village.

WorldSkills 2005 raised remarkable general interest in and visibility of vocational education and training. Nearly 120,000 spectators were admitted to the Helsinki Fair Centre during the Competition. The media showcased the competitors and their skills and highlighted the importance that skills play in our modern societies.

The hosting rights were given to Finland at the 50th Anniversary General Assembly of the WorldSkills Organisation. The goals we set were:

- to enhance the appreciation of vocational education and training and the status of skills needed in working life
- to improve the quality of training, particularly skill levels and to highlight, excellence in vocational skills
- to consolidate national skills competitions and their role as developing training and skill levels
- to build up new national and international skills networks in order to learn from each other and to strengthen the international capacity of vocational education and training.

While organising the Competition and additional events, we can proudly say that we have reached most of the targets. WorldSkills has given us a real measure for excellence in vocational skills. We have created innovative local, national and international skills net-



works. Networking and mutual learning has been the best possible way of promoting the appreciation of vocational training and the spread of the WorldSkills mission – promoting a worldwide awareness of the essential contribution that skills and high standards of competence make to the achievement of economic success and personal fulfilment.

The importance of the WorldSkills Competition lies in the exchange of experience and the attention it gets from the youth. The Competition is a unique opportunity to learn from each other. Individuals, employers, training providers and society, alike, benefit from such skills competitions. Moreover, it is an excellent way to nationally, and globally, promote vocational education and training. I thank all who have contributed to the success of WorldSkills 2005 in Helsinki. I hope that the Spirit of Helsinki will be remembered in your hearts and minds. I express my sincerest thanks to WorldSkills – to experts, delegates and officials, to Finnish education and vocational training providers, to sponsors, to volunteers and to the Skills Finland personnel.

When we dismantled the symbol of the 38th WorldSkills Competition, the fist of blacksmith Ilmarinen, the pieces and ideas travelled to all parts of the globe. And the pieces and the ideas behind WorldSkills will be reassembled the next time in Shizuoka, Japan, in 2007. My best wishes accompany the Japanese organising committee of the 2007 WorldSkills Competition.

Hosting the 38th WorldSkills Competition has been a great privilege and honour.

### Timo Lankinen

President of Skills Finland  
Host of the WorldSkills 2005 Helsinki

## 2. The Skills Movement took huge steps in Helsinki

WorldSkills 2005 Helsinki was an outstanding success! Experts and delegates recognized it as the "best ever", citing marked improvement in all areas, well beyond the evolutionary improvements that are expected to develop between competitions.

Competitors were provided with a world-class environment and the Experts and Delegates ensured that this was capitalized on by conducting a worldclass competition. The Helsinki event included many initiatives and improvements borne out of our Strategy and Technical Committees as well as those provided by the Finnish Organizing Committee. Over the preceding two years, various groups of people around the world worked diligently to improve and enhance the Competition and the associated events.

WorldSkills focused on improvements to the Competition in key areas that were identified in 2003 by our external Quality Auditor and internal Quality Assurance Management System. Among these were:

- Greater engagement and utilization of the Experts and Delegates
- Development and utilization of web-based technologies and resources to provide faster, clearer and easier access and management of information and documentation. This included commissioning online discussion forums to allow technical experts around the world to communicate, coordinate and collaborate in preparation for the Competition
- Revision of our Competition Rules, rewriting of all Technical Descriptions and quality assurance of key technical documentation
- Providing training for all key management functions at the competition.



WorldSkills also focused on improvements to the marketing and promotion of the event and mission and the associated events. Skills Finland conducted a very successful domestic marketing programme and assisted WorldSkills members worldwide. Skills Finland also provided some very effective and innovative programs to make the competition more attractive to the media and public. While this was an improvement over the past, this is one area that we must further develop and is the focus of a WorldSkills Task Force.

The Strategy Committee completed a review of the Strategic Direction for WorldSkills that was adopted by the General Assembly, which provides an exciting and comprehensive vision and roadmap for the coming years.

Finland also hosted a very successful, first meeting of our Member Organizations. In the past, WorldSkills has only formally communicated via the Delegates so the main goal of this meeting was to increase the communication and networking amongst the Member Organizations.

During the Competition, we met with an unprecedented number of delegations, from many potential new memberships, who are very keen to join WorldSkills in time for the 2007 Competition. Again, this is testament to the value of WorldSkills for countries/regions around the world.

Skills Finland added great value to WorldSkills by developing the Global Skills Village and the Competition Information System (CIS) for Helsinki 2005. The Global Skills Village (incorporating the WorldSkills Leaders Forum) provided a lively and interactive way of facilitating dialogue and exchange among delegates and visitors. The CIS greatly improved the quality, transparency and management of marking and reporting results of the Competition.

WorldSkills 2005 is now the benchmark and blueprint for future hosting and cooperation with host members. We have already started working with the JOCISF (Japanese Organizing Committee for International Skills Festival) for WSC2007 and also with WorldSkills Calgary 2009 for WSC2009.

On behalf of the WorldSkills Organization we would like to thank all the people around the world, who make up the WorldSkills movement, for their ongoing commitment and dedication to our mission and objectives. And we would like to extend a special thank you to all the Experts and Delegates and especially our Finnish hosts who worked tirelessly before and during the Helsinki Competition to make it such an outstanding event.



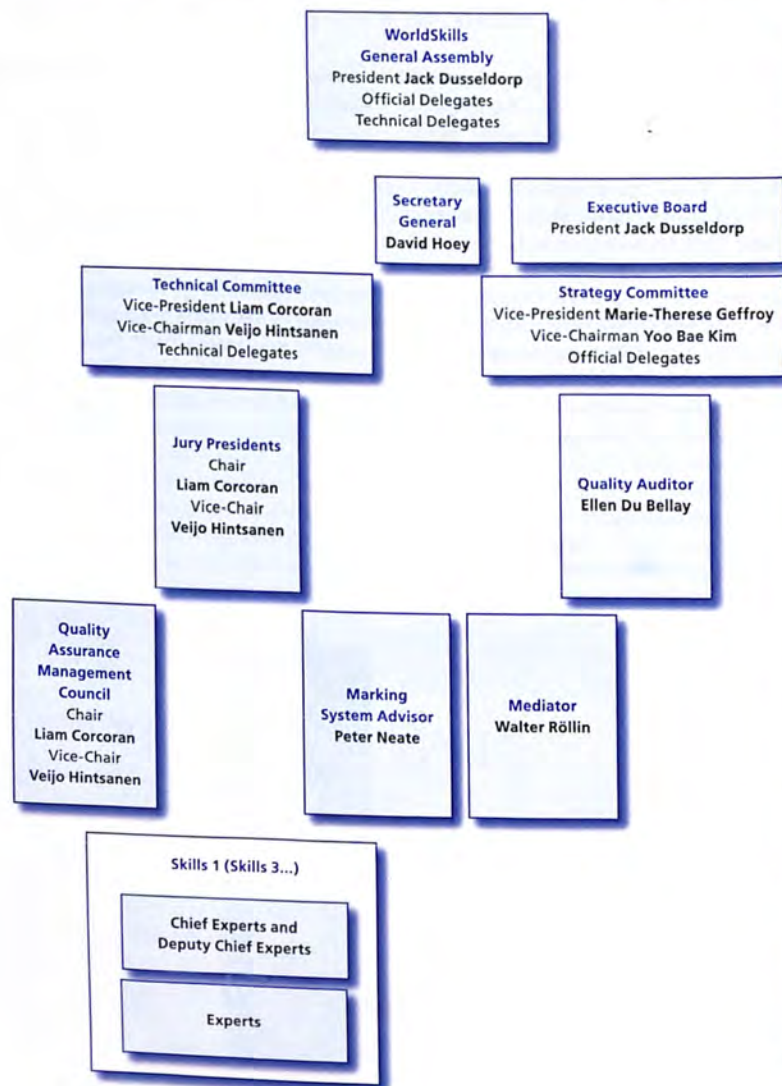
**Jack Dusseldorp**  
President  
WorldSkills



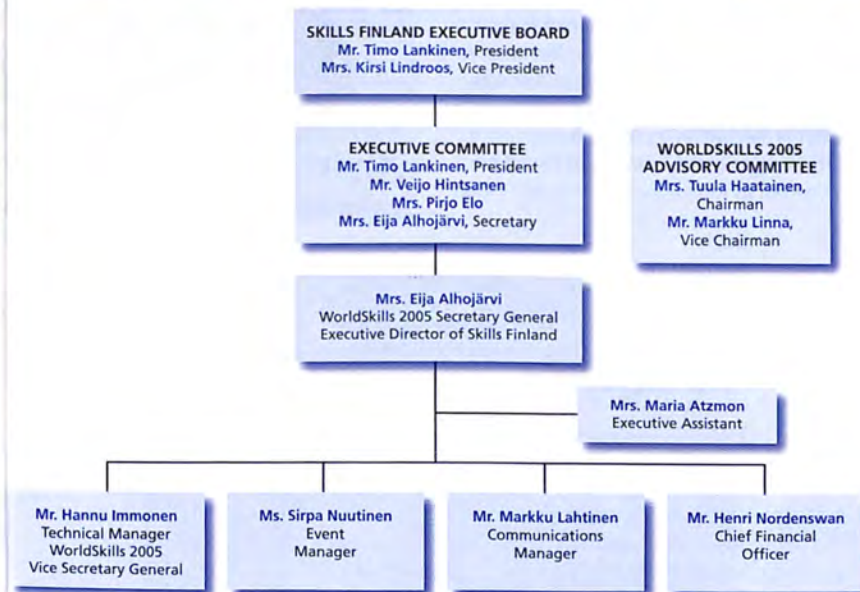
**David Hoey**  
Secretary General  
WorldSkills



### 3. WorldSkills 2005 Competition organisation



### 3. Skills Finland organisation



## 4. Financial Framework

The WorldSkills 2005 Helsinki project started in 2001 in terms of project accounting. First the gross expenses of the project were estimated, including all equipment and services needed for successful accomplishment of the event. Since a considerable amount of the gross expenses were planned to be financed through indirect subvention from various governmental, municipal and private partners, the first operative net budget was created in the beginning of 2004.

The budget of 9.82 million euros can be summarised as follows:

### Costs

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Personnel and administration .....                    | 2 460 000        |
| Rents .....                                           | 1 920 000        |
| Set-up of the venue .....                             | 690 000          |
| Transportation, security and technical services ..... | 1 020 000        |
| Ceremonies and services .....                         | 2 040 000        |
| Marketing and PR .....                                | 1 690 000        |
| <b>TOTAL .....</b>                                    | <b>9 820 000</b> |

### Revenue

|                                                              |                  |
|--------------------------------------------------------------|------------------|
| Admissions, services, provisions .....                       | 3 900 000        |
| Sponsoring and advertising .....                             | 500 000          |
| Education providers .....                                    | 1 680 000        |
| The Finnish National Fund for Research and Development ..... | 1 000 000        |
| Ministry of Education .....                                  | 2 740 000        |
| <b>TOTAL .....</b>                                           | <b>9 820 000</b> |

### Note:

The table above does not include equipment and services provided, without charge, by private companies, education providers or other institutions. Also excluded are both the expenditure and revenue related to the accommodation of the participant and visitor packages.

Vocational education and training providers who were acting as skill organisers and as organisers of additional events could apply for a discretionary subsidy from the Ministry of Education for enhancing the appreciation and appeal of vocational training. The subsidy was granted based on the following criteria: enhancing the appreciation and appeal of vocational training through competitions; improving learning and teaching methods; improving skill levels and appreciation of professional skills; making learning more effective and focused; student work, on-the-job training and skill demonstrations; closer co-operation between vocational institutions and corporations; increasing expertise and skills among the teachers and the institutions; improving the machine and equipment base; increasing the appeal of the industry and the institute in question. In three years, approximately 4.5 million euros of project subsidies were granted and, subsequently, used.



## 5. Competition site

The WorldSkills 2005 event was held in the Helsinki Fair Centre, which is the largest fair and conference venue in Finland. Over 93,000 m<sup>2</sup> of space was occupied by the Competition, nearly the entire capacity of the Fair Centre. All the skills categories were located in six exhibition halls (comprising a total of 43,000 m<sup>2</sup>) and in the tents in the outdoor area. Sponsor Village and some of the workshop areas were placed outdoors right next to the Fair Centre for security and functional reasons. The great advantage of the competition site was that everything could be arranged in practice under the same roof.

The Congress wing of the Fair Centre functioned as a home base for the WorldSkills Organisation. WorldSkills President, Secretariat, delegates and interpreters worked in a space in this wing. The Global Skills Village, Education Expos and all the official meetings were held in the Congress wing as well. Working space for the experts was arranged for in Helia Polytechnic, which is conveniently located right next to the Fair Centre. Skills Finland's offices and meeting rooms were reserved on the second floor above the main entrance.



- Total surface of the Fair Centre over 93,000 m<sup>2</sup>
- Six Exhibition halls 43,000 m<sup>2</sup>
- Global Skills Village Area 1,500 m<sup>2</sup>
- Outdoor Area 10,000 m<sup>2</sup>
- Sponsor Village 1,500 m<sup>2</sup>
- Competition studio and control room 100 m<sup>2</sup>
- Press Centre, News Room and Auditorium 250 m<sup>2</sup>
- Offices of WorldSkills 9 Office rooms
- Offices of Skills Finland 8 Office rooms



## 6. Construction of the Competition

The official Competition skills (39) as well as the national skill presentations (3) were arranged by Finnish education and training providers. The only exception was the Mechatronics Competition, which was arranged by Festo, one of the official sponsors. The skill arrangements were made either as a turnkey project, where the education provider was responsible for all the arrangements of the skill, or together with the event

organiser. The event organiser provided all the technique, furnishing and structures needed in the skills.

Every skill organiser named a Workshop Supervisor and an Assistant Supervisor to be responsible for the organising of their respective skill. The planning of the skills was begun during the WorldSkills 2003 Competition in St. Gallen, where most of the Workshop Supervisors followed the Competition as

technical observers. An important milestone was the National Skills Competition in Turku in January 2005, where Competition machinery, techniques and construction material were tested for the WorldSkills Competition. The main idea behind the planning of the skills was to ensure that the visitors could get a good idea of what was happening in every skill.

The actual construction of the Competition site began on Wednesday, 11th May,

## 7. Building up the IT infrastructure

One of the most challenging projects in constructing the event was the planning and execution of the IT infrastructure. The planning phase included a lot of testing and although the planning was on schedule, the final adjustments could be made only two days before the Competition was scheduled to begin. The infrastructure was very complex. Almost all the equipment was provided by the Helsinki Education Department. Securing the data and keeping the system functional at all times proved to be the most challenging parts of the project. Regardless of the complexity and vastness of the project, the plan was executed without any major problems.

Finally there were 10 IT networks at the Fair Centre, which sustained the following functions and groups:

- Skills Finland and WorldSkills Offices
- Printing
- Media
- Accreditation
- Competition Information System (CIS)
- On-Site Plasma Screens

- Public Monitors at the Fair Centre
- Experts
- Info desks
- Video Online Streaming

- 10 networks
- approximately 400 workstations
- 100 laptops
- 80 printers
- 100 plasma screens
- 10 Xeroxing machines
- 2 CAD plotters
- 10 servers
- approximately 4 km of CAT 5 copper cable
- 2 km optical fibre
- 80 network switches
- 13 info kiosks
- 16 wireless base stations
- over 300,000 sheets of paper (A4)
- 50 persons constructing the IT network
- 30 persons in helpdesk activities during the competition



## 8. Accreditation

The main objectives of accreditation were to identify the official participants and volunteers, verify all payments, photograph all accredited persons, maintain a database of them and to produce the accreditation cards as part of event security. Following the general objectives of the competition, students supervised by the Accreditation Manager carried out the accreditation. The accreditation office was open from 11 to 29 May.

In all, 6,000 persons were accredited, 2,517 of which were competitors, judges, official delegates, technical delegates, official observers, observers, team leaders, interpreters, media representatives and other official representatives. There were 2,371 accredited foreigners from 48 countries. A total of 3,521 event organisation employees and volunteers

were also accredited.

Excluding Finnish persons and observers, Japan (128), France (124) and South Korea (113) had the largest number of accredited participants. Excluding Team Finland (57), Team France had the most members (44). In all, 504 persons applied for media accreditation and 456 accredited media representatives given passes to the competition site. In addition to the above-mentioned official participants, a lot of international tourists and VIP guests came to Finland for the event. It is estimated that approximately 8,000 foreigners visited the competition site.



Chart 1: Accredited persons

| Participants | Total | Competitors | Experts | Team Leaders | Official Delegates | Technical Delegates | Official Observers | Translators | Media | Other official participants |
|--------------|-------|-------------|---------|--------------|--------------------|---------------------|--------------------|-------------|-------|-----------------------------|
| Total        | 2142  | 696         | 636     | 63           | 38                 | 38                  | 52                 | 150         | 456   | 13                          |
| Australia    | 54    | 25          | 21      | 2            | 1                  | 1                   | 2                  |             | 2     |                             |
| Austria      | 80    | 26          | 24      | 2            | 1                  | 1                   | 2                  |             | 24    |                             |
| Belgium      | 33    | 13          | 10      | 1            | 1                  | 1                   |                    |             | 7     |                             |
| Brazil       | 59    | 19          | 18      | 2            | 1                  | 1                   | 2                  | 15          | 1     |                             |
| Brunei       | 2     |             |         |              | 1                  | 1                   |                    |             |       |                             |
| Canada       | 62    | 28          | 26      | 2            | 1                  | 1                   | 1                  | 1           | 2     |                             |
| Denmark      | 35    | 10          | 10      | 1            | 1                  | 1                   |                    |             | 12    |                             |
| Estonia      | 9     | 4           |         | 2            |                    |                     |                    |             | 3     |                             |
| Finland      | 336   | 57          | 40      | 2            | 1                  | 1                   | 2                  | 2           | 231   |                             |
| France       | 124   | 44          | 33      | 2            | 1                  | 1                   |                    | 14          | 29    |                             |
| Germany      | 80    | 28          | 25      | 2            | 1                  | 1                   |                    |             | 23    |                             |
| Hong Kong    | 36    | 14          | 13      | 2            | 1                  | 1                   | 2                  | 3           |       |                             |
| Hungary      | 1     |             |         |              |                    |                     |                    |             |       | 1                           |
| India        | 4     |             |         |              |                    |                     |                    |             |       | 4                           |

| Participants         | Total | Competitors | Experts | Team Leaders | Official Delegates | Technical Delegates | Official Observers | Translators | Media | Other official participants |
|----------------------|-------|-------------|---------|--------------|--------------------|---------------------|--------------------|-------------|-------|-----------------------------|
| Indonesia            | 13    | 5           | 4       | 1            | 1                  | 1                   | 1                  |             |       |                             |
| Iran                 | 62    | 15          | 25      | 2            | 1                  | 1                   | 2                  | 14          | 2     |                             |
| Ireland              | 56    | 20          | 22      | 2            | 1                  | 1                   | 2                  |             | 8     |                             |
| Italy                | 49    | 20          | 19      | 1            | 1                  | 1                   | 2                  | 1           | 4     |                             |
| Jamaica              | 16    | 4           | 5       | 2            | 1                  | 1                   | 3                  |             |       |                             |
| Japan                | 128   | 36          | 32      | 2            | 1                  | 1                   | 2                  | 42          | 12    |                             |
| Korea                | 113   | 39          | 35      | 2            | 1                  | 1                   | 2                  | 28          | 5     |                             |
| Latvia               | 1     |             |         |              |                    |                     |                    |             |       | 1                           |
| Liechtenstein        | 17    | 6           | 6       | 1            | 1                  | 1                   |                    |             | 2     |                             |
| Lithuania            | 1     |             |         |              |                    |                     |                    |             |       | 1                           |
| Luxembourg           | 18    | 5           | 5       | 1            |                    | 1                   | 2                  | 1           | 3     |                             |
| Macao SAR            | 20    | 8           | 8       | 1            | 1                  | 1                   | 1                  |             |       |                             |
| Malaysia             | 28    | 10          | 13      | 1            | 1                  | 1                   | 2                  |             |       |                             |
| Mexico               | 3     |             |         |              |                    |                     |                    |             |       | 3                           |
| Morocco              | 8     | 3           | 2       | 1            | 1                  |                     | 1                  |             |       |                             |
| Netherlands          | 99    | 36          | 31      | 2            | 1                  | 1                   | 0                  | 4           | 24    |                             |
| New Zealand          | 33    | 15          | 13      | 1            | 1                  | 1                   | 1                  |             | 1     |                             |
| Norway               | 62    | 22          | 20      | 2            | 1                  | 1                   | 2                  |             | 14    |                             |
| Portugal             | 46    | 17          | 18      | 2            | 1                  | 1                   | 2                  | 2           | 3     |                             |
| Russia               | 3     | 1           |         | 1            |                    |                     |                    |             | 1     |                             |
| Saudi Arabia         | 11    | 4           | 3       | 1            | 1                  | 1                   |                    | 1           | 0     |                             |
| Singapore            | 30    | 11          | 10      | 2            | 1                  | 1                   | 2                  |             | 3     |                             |
| South Africa         | 13    | 4           | 4       | 1            |                    | 1                   | 2                  |             | 1     |                             |
| Spain                | 3     |             |         |              | 2                  | 1                   |                    |             | 0     |                             |
| Sweden               | 78    | 29          | 24      | 2            | 1                  | 1                   | 2                  |             | 19    |                             |
| Switzerland          | 84    | 36          | 34      | 2            | 1                  | 1                   | 1                  |             | 9     |                             |
| Chinese Taipei       | 88    | 34          | 31      | 2            | 1                  | 1                   | 2                  | 15          | 2     |                             |
| Thailand             | 47    | 15          | 14      | 2            | 1                  | 1                   | 2                  | 6           | 6     |                             |
| Trinidad and Tobago  | 2     |             |         |              |                    |                     |                    |             |       | 2                           |
| Tunisia              | 13    | 5           | 5       | 1            | 1                  | 1                   |                    |             |       |                             |
| United Arab Emirates | 11    | 3           | 5       | 2            |                    | 1                   |                    |             |       |                             |
| United Kingdom       | 50    | 18          | 22      | 2            | 1                  | 1                   | 2                  | 1           | 3     |                             |
| United States        | 20    | 7           | 6       | 1            | 2                  | 1                   | 3                  |             |       |                             |
| Vietnam              | 1     |             |         |              |                    |                     |                    |             |       | 1                           |



## 9. Accommodation and catering

Event Travel Finland Oy (ETF) was the official travel agency for WorldSkills 2005 and managed the sales and marketing of international and domestic travel packages, and other accommodation services. During the event, ETF organised accommodation in 24 hotels in Helsinki and the surrounding area. A total of 28,252 accommodation days were sold in connection with the event, both in official travel packages and through individual sales.

Fazer Amica was responsible for the lunches included in the official travel packages. The lunch options were prepared with a Finnish and international theme and there were options available for different ethnic groups as well. The public restaurants of Fazer Amica had approximately 1,700 seats during the competition.

|        |                       |
|--------|-----------------------|
| 28,252 | accommodation days    |
| 24     | official event hotels |
| 22,100 | official lunches      |
| 30,000 | cups of coffee        |
| 15,000 | ice creams            |



## 10. Transportation

Official participants were transported from the airport to their hotels, to the official receptions and to the excursions. The competitors were also transported to the opening and closing ceremonies, and daily from their hotels to the competition venue. At most, 38 buses were simultaneously in use. On average, 20 buses were used in the daily transportations and approximately 100 persons were working in transportation.

Skills Finland negotiated an agreement with Helsinki City Transport (HKL), which allowed those who had purchased an official travel package to use their accreditation card for travelling on HKL buses, trams, the subway and the Suomenlinna ferry.

Official sponsor Volvo provided the WorldSkills 2005 organisation with 25 cars during the competition mainly for transporting the VIP guests. In addition, Skills Finland was provided with 3 cars for the year of 2005.

|         |                |
|---------|----------------|
| 154,000 | kilometres     |
| 35,000  | litres of fuel |

## 11. Opening and closing ceremonies



Helsinki Ice Hall hosted the opening and closing ceremonies of the competition on 25 May and 1 June, respectively. Over 6,000 spectators participated in both events. The audience consisted of the official participants, members of the event organisation, skills organisers, co-operation partners and other interested parties. Prime Minister **Matti Vanhanen** officially opened WorldSkills



2005. Other speakers included Minister of Education and Science **Tuula Haatainen**, President of WorldSkills **Jack Dusseldorp**, EU commissioner **Ján Figel**, Lord Mayor **Eva-Riitta Siitonen**, President of Skills Finland **Timo Lankinen** and Host of Japan 2007, Parliamentary Secretary for Health, Labour and Welfare **Tomoyuki Fuji**.



Prime Minister  
**Matti Vanhanen**



Minister of Education and Science  
**Tuula Haatainen**, EU commissioner  
**Ján Figel**, President of WorldSkills  
**Jack Dusseldorp**



Lord Mayor **Eva-Riitta Siitonen**



President of  
Skills Finland  
**Timo Lankinen**



Host of  
Japan 2007,  
Parliamentary  
Secretary for  
Health, Labour  
and Welfare  
**Tomoyuki Fuji**.



Liam Corcoran, Jack Dusseldorp, Veijo Hintsanen



The theme for the opening and closing ceremonies was 'The Spirit of Helsinki', which refers to the way problems are solved in Finland: together through co-operation. This concept was symbolised by joining the individual pieces of the Smith's Fist together during the opening ceremony. The four Finnish seasons were also highlighted during the ceremonies. The large pool on the main stage with its small peninsulas represented the land of thousands of lakes, and the magic of its nature. Fireworks, balloons, flamenco dancing and accordion music represented the more international side of Finland.

Education and training providers were the main producers of the shows. Helsinki Pop & Jazz Conservatory and the Conservatoire Association of Finland were responsible for the music. The audience enjoyed performances by a 70-member orchestra and a 100-member choir.



Jack Dusseldorp, President WorldSkills



Closing ceremonies





## 12. Official receptions and excursions



The city of Espoo hosted the official reception for experts in the Espoo Centre for Culture on 20 May and City of Helsinki for the competitors in Kalastajatorppa on 23 May.

Porvoo Vocational College organised the official excursions to Porvoo on 30 May for competitors and on 31 May for experts and technical delegates. The competitors were taken to Kokkonniemi campsite by bus and by boat to enjoy the beauty of Finnish nature.



The competitors had the opportunity to participate in several youth activities on the site. The day ended with a pop concert, which left no one cold.

Experts and other technical observers were taken sightseeing to Kiiala manor where they had lunch and to Porvoo old town with its various historical points of interest. For many, the children's church concert was probably one of the most memorable events of the day.



## 13. Training for volunteers and workers

The main principle underlying the WorldSkills 2005 organisational effort was, from the very beginning, to involve as many providers of vocational training as possible, from all over the country. This way, the mass event would become a natural tool for improving the quality of vocational training and teaching in the country.

Education and training providers became very involved as almost all of the skills were organised by 21 vocational training institutions, and the additional events by training providers and students. The participating institutions and students had a great opportunity to include the project in their curriculum and teaching. This is why the teachers and school principals, as well as Skills Finland, needed to pay special attention to training the over 3,000 volunteers. Skills Finland strived to select external co-operational partners with the will and ability to work together with young people.

When Finland applied to host the WorldSkills 2005 in Helsinki, a training and improvement project for skills competitions called AKVA (Improvement of Vocational Skills through Coaching and Competition) was launched. This Häme Polytechnic's ERS project has trained approximately 3,000 employees and volunteers in organising skill competitions and training the young participants during 2000–2005.

Training for WSC 2005 Helsinki was launched towards the end of 2002 when 20 persons began in the Technical Observer training programme (12 credits). A good share of the training consisted of observing how WSC 2003 was built and implemented in St. Gallen under the guidance of the Swiss organisers. The Workshop Supervisor/

Assistant training programme (12 credits) started in late 2003. In all, 95 skills organisers participated in the programme. All 40 experts participated in the Helsinki 2005 Expert training (12 credits), and 150 vocational trainers had their own training programme (6 credits).

In addition to the above-mentioned training programmes, shorter training opportunities were arranged for the various groups that worked in the event. For example, 500 guides were trained for the event by incorporating the specialised training into the students' normal training programme, arranged by the City of Helsinki Educational Department, Skills Finland and Häme Polytechnic. Several skill organisers also arranged briefings for their teachers, students and other personnel.

## 14. Competition guides

There were approximately 700 guides working on various tasks in the event. Young students from vocational and upper secondary schools and polytechnics helped set the WorldSkills 2005 atmosphere with their attendance and helpfulness in the closing ceremony, at the airport, hotels, information desks, accreditation office, as skill, team and VIP guides, in the international and national event organisation and as study path guides. The City of Helsinki was responsible for recruiting the 500 young guides and Jyväskylä Polytechnic for recruiting and training approximately 100 study path guides. In addition, participants from past WorldSkills competitions were guiding various tours.



## 15. Non-competition events

### Global Skills Village 26–29 May 2005

The aim of the Global Skills Village was to offer an open and truly international meeting place for vocational skill professionals. This novel idea was finalised in the Hong Kong General Assembly in May 2004, where Skills Finland and UK Skills presented their views on the importance of non-competition events in making the competitions more appealing.

The idea was to provide the member countries and co-operation partners with an easy way of participating in the event, to help create networks and international co-operation and to add new value to WorldSkills. The area consisted of an International Village, a stage, expo areas and seminar venues. The International Village introduced vocational training and skills competitions in different countries. Among other exhibitors, 17 WSO member countries and the European Commission highlighted the way vocational skills are emphasised in different cultures. The stage hosted approximately 70 high-calibre cultural shows.

During the four competition days, 17 high-level seminars and exhibitions on vocational skills and skills competitions took place in the Village and Expo areas. The WSO members participated very actively, which ensured that the audience would enjoy very diverse seminars. Some 60 experts from different WSO member countries spoke at these interactive seminars. All seminars and workshops were open to all visitors free of charge, and approximately 500 visitors participated in them.

There were also tours available in the Global Skills Village, guided by past

participants, skill guides and experts from the Ministry of Education. Guided tours were organised in English, Swedish, German and Finnish and four other languages were also available. Some 800 visitors participated in these tours.

The stage in the International Village hosted various cultural shows, such as circus fashion shows and live bands and attracted also young visitors contrary to expectations. The main organisers were Skills Finland and the Finnish National Board of Education in cooperation with the WorldSkills community.



### Backstage2005 Youth Event Helsinki Ice Hall 26–27 May

Backstage2005 was coordinated by Finnish businesses and the Economic Information Office, and complemented WorldSkills 2005 by providing facts and entertainment relating to the future educational and career choices of young people. Total number of visitors reached the target of 14,000 due to effective co-operative marketing. Backstage and WorldSkills 2005 were an effective combination, which increased the visitor numbers of both events and strengthened the communication of the event mission.

### Study Paths – a Result of School Cooperation Project

During WorldSkills 2005, approximately 100 trained student counsellors and special education teacher students provided an estimated 40,000 youngsters with educational and career counselling services.

The pedagogical objective of the project was to support a broader and deeper knowledge about vocations, to develop and diversify career counselling implementation and to pay increasing attention to diverse learners during counselling. In terms of content, the project aimed to provide pupils, teachers, guidance counsellors and other interested parties with advanced and inspiring materials, to arrange local briefings on the event and to provide multilingual guidance services for international guests during the event.

#### 1. The Service Branch Path

Painting & Decorating  
Jewellery  
Web Design  
Ladies' Dressmaking  
Floristry  
Restaurant Service

#### 2. The Formula One Path

Autobody Repair  
Mechatronics  
Automobile Technology  
Welding

#### 3. The Aesthetics Safari

Ladies' / Men's Hairdressing  
Confectioner / Pastry Cook  
Cabinetmaking  
Car Painting  
Stonemasonry  
Landscape Gardening

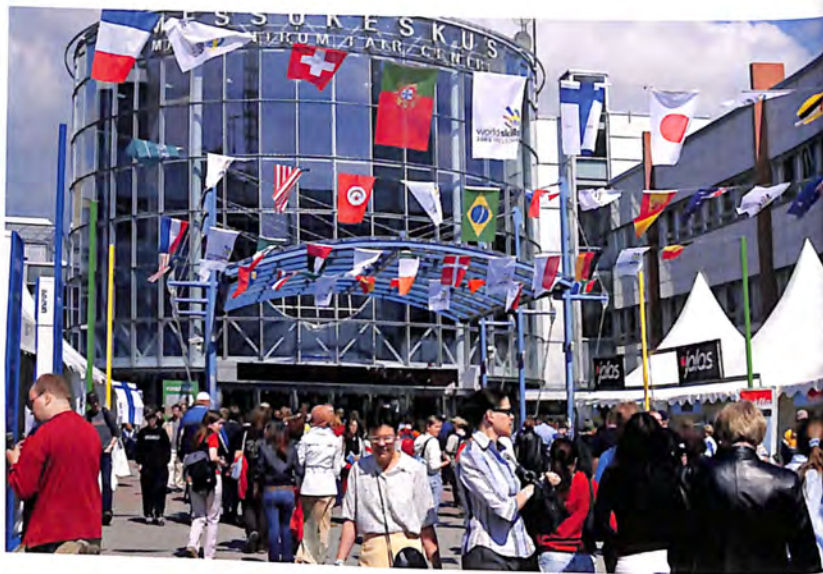
#### 4. The City Path

Sheet-Construction  
Steelwork  
Car Painting  
Transport Technology  
Landscape Gardening

#### 5. The Techno Path

Industrial Electronics  
Bricklaying  
Carpentry  
Polymechanics/Automation  
Manufacturing (MTC)





### Sponsor Village and Official VIP Area

Sponsor Village was reserved for the promotional use of the co-operation partners. The area was situated right next to the main entrance of the Fair Centre and was well received by the public and the media. Show stoppers at corporate stands included rally world champion Marcus Grönholm and ski-jumping world champion Janne Ahonen. Official VIP Area for the co-operation partners of the event was located close to the main entrance on the first floor of the Congress Wing at the Fair Centre, which had just been renovated. The area provided the co-operation partners with the opportunity to arrange promotional events for their VIP guests and was also the perfect place for taking a break.



President of Finland, Tarja Halonen, visiting the WorldSkills



Marcus Grönholm, Rally World Champion 2000, 2002



Tuula Haatainen, Ján Figel'





## Occupational Health and Safety – zero accidents

Skills Finland wanted to pay due care and attention to, and show the best of, Finnish expertise in the promotion of occupational health and safety (OHS) issues. A specific 'Occupational Health and Safety Excellence' project was started up in order to promote OHS skills alongside the Competition and its arrangements. It was emphasised that vocational skills competitions can have an influence – e.g., on the attention paid to occupational health and safety issues in a competition site's design and the safe implementation thereof.

The Finnish organising committee acquainted the participant teams with the zero accident vision, which is first and foremost a

philosophy aimed at encouraging participants to view all accidents as preventable. Accordingly, the document of 'Host Country Occupational Health and Safety Regulation' was prepared and sent to technical delegates in order to inform and familiarise experts and competitors with the OHS guidelines and skill-specific notifications prior to arriving at the Competition. Also the OHS documentation was developed and safety audits were carried out in co-ordination with WorldSkills Organisation's health and safety group.

Occupational safety co-operation was implemented alongside vocational education and training institutes, industrial safety districts and other partners. The OHS project

was realised in co-operation with the Finnish Institute of Occupational Health and funded by the Finnish Work Environment Fund and the Veto programme of the Ministry of Social Affairs and Health.



Työsuojelurahasto  
Arbetsmiljöstiftelsen  
The Finnish Work Environment Fund



veto

ohjelma vetovoimaisen työelämän  
för ett lockande arbetsliv  
adding attraction to working life

## Ecological Efficiency – the part of a successful modern mass event

WorldSkills 2005 Helsinki Competition took part as a partner to ECOMass project, which was coordinated by TKK Dipoli (Helsinki University of Technology's Lifelong Learning Institute). The aim of the project was to develop and test a manual for an ECO-efficient mass event and to draw up an environmental programme for the World Championships in Athletics held in Helsinki in August 2005. The role of the WorldSkills 2005 event was to give the manual a standpoint, from a different mass event, by collecting reference data from the event's environmental effects and by participating in developing eco-efficient solutions. The reference data has been utilised in the ECOMass project to develop a CO<sub>2</sub> meter, among other things. From WorldSkills point of view the aim was to take the environmental issues into consideration better than ever before in the history of WorldSkills competitions.

In the WorldSkills 2005 competition, both eco-efficient and cost-effective solutions were pursued. For example, a great majority of machine and material purchases were given, for use, to vocational education institutions after the Competition. Also Competition visitors were encouraged to use public transport, and the competitors and experts received tickets for local transit for the duration of the event.

Environmental issues were taken into consideration also in many skill categories. The skill organisers were trained in environmental issues by the event organiser. In many skills, the domestic aspects and friendliness to the environment were the basic principles in planning and realising the Competition. Recovered materials were favoured and in practice many materials were re-used after the Competition. In mechanical and metal skill categories, the disposal of waste was managed in an exemplary manner as well. Ekokem Oy was in charge of problem waste disposal during the event.

Although the two World Champion Competitions in Helsinki in 2005 differed in many ways, the central factors that influence the environmental effects in mass events were almost the same: traffic, catering, permanent and temporary constructions and other purchases. The aim is to apply the manual in the future in other mass events, and hopefully also in future WorldSkills competitions and other sports competitions.





## Other non-competition events

The intensive WorldSkills 2005 fortnight consisted of constructing the competition site, opening and closing ceremonies, receptions and meetings and offering the organisers, as well as the spectators, lots of official and unofficial programming and opportunities for international co-operation. Additional events included the following:

- Education and Training Expo
- Official Hospitality Area
- National Skills presentations (Forest



- Machinery, Decoration, Practical Nursing)
- International Skills presentations (Plastering and Road Construction by France),
- WorldSkills Leaders' Forum
- WorldSkills General Assembly, WorldSkills Committee meetings, WorldSkills Executive meetings, dozens of other WorldSkills meetings and sessions
- Forest Quiz 2005 Skills Finals
- International Symposium of Youth and Work Culture 2005.



## 16. Marketing and communication

### Objectives of marketing and communication

The objectives of WorldSkills 2005 marketing and communication were challenging because the WorldSkills concept was not well known among Finnish people apart from vocational training providers and skills competition participants.

From the very beginning, the marketing and communication strategy of Skills Finland was based on co-operative marketing with and through the stakeholders. Through the co-operation networks of Skills Finland, organisers were able to reach large target groups in a cost-effective and convincing manner and were thus able to build a foundation for the future marketing and advertising campaigns. The main target groups

consisted of young people choosing their vocations, and of vocational teachers and training providers. These groups were the key in reaching the visitor target. Visitor targets were set as follows: young people 40 %, teachers and training staff 7 %, foreigners 4 %, competitors and organisers 2 % and general public 47 %.

The essential objectives for the marketing and communication of WorldSkills Competition were:

- to increase the publicity of vocational expertise and education among young people, decision makers, parents and business life in Finland and among WorldSkills Members.



- to keep the organisers of the event informed about the progress of the arrangements of the Helsinki 2005 competition, creating a sense of community, providing a channel for interaction, and providing the actors with tools and guidance for advertising, sales, sales promotion and PR work
- to make Helsinki WorldSkills Competition known among young people, the trade

### Government, education providers and sponsors as communication partners

The Ministry of Education and Finnish National Board of Education declared 2005 the National Year of Vocational Training and Young Professionals, the main event of which was WorldSkills 2005. The objective of the year was to inform the public about the practical side of vocational training and its diversity, to make vocations and vocational training more appealing, to improve the quality of vocational training and to promote co-operation between vocational training and working life. The year had its own logo, which was showcased in WorldSkills 2005 brochures and advertising. Likewise, WorldSkills 2005 was visibly presented in the theme year communications. Through the "Ammattilinen" magazine, published by the Ministry of Education, Skills Finland could reach all 8th graders and plenty of decision makers, three times a year. Finnish National Board of Education provided Skills Finland with contact details for various institutions, posted study and field trip materials and promoted the event in its seminars. The communication efforts during the theme year had a significant role in reaching the most important target groups of WorldSkills 2005, i.e. young people and education and training providers.

unions, employers, business and student organisations, education providers, provincial unions, parliamentary groups, members of parliament from the Helsinki region and journals and their editorial staff

- to find business cooperation partners for the event who will invest in the project directly or indirectly.

For their part, skill organisers and non-competition event organisers were very committed to WorldSkills 2005 and promoted study and field trips in their local areas. Special WorldSkills 2005 trains and buses arrived in Helsinki from many locations, filled with young people, teachers and other staff. WorldSkills 2005 sponsors promoted the event in their Finnish and international customer magazines, Web sites and advertisements. Through the sponsors, the event was able to reach, in particular, working professionals from different vocational branches. Some sponsors organised special events during the competition. Technology Industries of Finland and the Finnish Metal Workers' Union sponsored over 6,000 young people and their teachers mainly from Southern Finland. In addition, Technology Industries of Finland published an impressive advertising campaign in co-operation with the National Year of Vocational Training and Young Professionals in the monthly and weekly supplement of "Helsingin Sanomat" in the spring of 2005.

### Advertising

The objective of the media budget and partner agreements was ensuring the broadest possible national media visibility for the event and reaching the target of 100,000 visitors. The marketing strategy consisted of national campaigns for increasing WorldSkills knowledge so that event partners could be offered a straightforward media campaign concept.

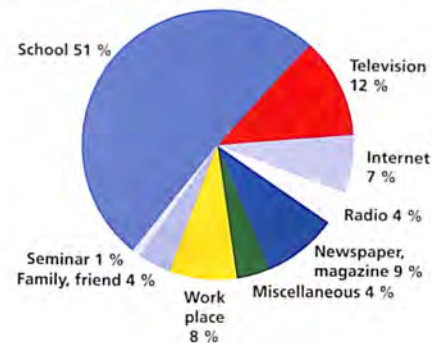
### The event had the following media partners:

- "Opettaja" magazine (circulation 98,000, 20 issues/year): for teachers, student counsellors and training providers.
- A special event insert was published with the magazine (circulation 153,000).
- JCDeaux (Abibus outdoor advertisements, 3,000 posters in 26 cities from October 2004 to May 2005): for general public, visibility for sponsors.
- Suomen Lehtiyhtymä (approximately 20 pages of advertisements and event announcements in the seven magazines of the group): for households in Uusimaa and Itä-Uusimaa.

Skills Finland ran a national television advertisement campaign on MTV3 from May 16 to May 19, partly financed by official sponsors Festo, Volvo and Technology Industries of Finland. As part of the co-operation agreement between Skills Finland and VR-Group Ltd/ Finnish Railways, local trains were effectively decorated with 300 posters in May 2005. The event was also provided with the use of the bridge advertising spots of the City of Helsinki for two weeks. The opening ceremony of WorldSkills 2005 was televised by the national YLE-Teema channel.

The annual FinnSkills Taitaja competition was also a very important marketing

### Visitors' information source



channel for WorldSkills 2005. The professional organising and marketing staff of FinnSkills Taitaja in Turku promoted vocational skills and professionalism as well as the WorldSkills competition in Helsinki. As a result, domestic media started to take initiative in covering the WorldSkills competition. After FinnSkills, Team Finland was used in the event marketing. The team members were interviewed and the interviews and pictures were published on the Internet.





## Promotion

### Licensed products of WorldSkills 2005 Helsinki

The objective of the official licensed products was to strengthen WorldSkills knowledge, create communalism and a uniform look for the event. The main WorldSkills 2005 products included a fleece jumper, piqué t-shirt, T-shirt, cap, stocking cap, key lace, wristband, rucksack and the mascot Skilly.



### Mascot Skilly

No WorldSkills competition would be complete without a mascot. Mascot Skilly's yellow colour symbolised sociability, warmth, wisdom, spring, strength and light.



*Skilly is a happy creature,  
a little mischievous perhaps, but good natured.*

*Quite a remarkable, astonishing thing,  
with several hands and feet, you see,  
gets everything done, the busy bee.*

*Handy with hammers, brushes and spoons,  
as well as mice, cables and cords.*

*Skilly is famous everywhere,  
with a global mentality and international air.*

*Why would anyone want to be without a Skilly  
to bring them luck – that would be plain silly.*



### WorldSkills 2005 Helsinki Theme Music

20-year old composer, Mr. Vili Ollila, composed the WorldSkills 2005 theme music, "Sound vision – Vahva näkemys". The piece was fresh, wild and had a unique approach. It premiered on 21 January 2005 at the closing ceremony of the Taitaja (FinnSkills) competition in Turku as Team Finland marched onto the stage.



### Official Slogans

**Master your skills – Master your future  
Young. Skilled. Talented.**

The slogans described the basic ideology of the WorldSkills competitions. Each and everyone of us has the chance of reaching our dreams using our skills, and the WorldSkills competitors can be an example and inspire millions of young people around the world to acquire vocational education and training and a vocation. This, if anything, will change the world!



event, a competition web site was available in Finnish and English with an image bank.

During the competitions, approximately 10,000 people around the world followed the online broadcasts of the competition television. The web site had 8 million hits and 82,000 visitors in May and 2 million hits and 35,000 visitors in June. There were 364 media hits (excluding radio) in May (total circulation of 22.2 million) and 284 in June (total circulation of 10.4 million).

### Competition Television

The event's competition television service was run by almost 100 people. Competition television broadcasted for six hours during competition days, one hour of which was in English. The broadcasts could be seen live on the Internet. The final report DVD is based on competition television production.

### Internet, Image Bank and Media Interest

WorldSkills 2005 Web pages were maintained in five languages and during the

### Graphical Image, Prints and Other Material

The basis for the graphical look of the event had been created in 2001. The general look and feel of it was finalised during the autumn of 2004. The cornerstones of the look and feel were the renewed WorldSkills image together with the Smith's Fist, the aurora borealis and all showcased in blue colour. A list of event prints and related items can be found in appendix 4.



## 17. Media services

The objective was to provide the media with technically and functionally sufficient and secure surroundings which offered personal service and information, help with contacting interviewees and finding shooting locations, served food and drinks as well as background material on the competition, vocational education and training and Finland. The media and the public could also utilise the image bank, which was updated with high-resolution images taken by six professional photographers. International media representatives could participate in two Helsinki sightseeing tours, a reception by the Ministry of Foreign Affairs, in the competitors' excursions and, naturally, in the opening and closing ceremony.

The press centre included a pressroom (144 m<sup>2</sup>), personnel Newsroom (140 m<sup>2</sup>) and a spacious 100-seat auditorium for press conferences and briefings. There were 15 workstations in the pressroom. In addition, the media representatives could connect their laptops to the wireless event network free of charge. Press Centre was open from 24 to 31 May 9 a.m. to 6 p.m. and 1 June from 9 a.m. to midnight.

Press Centre staff consisted of approximately 50 persons. They were involved in management, news content production, Internet maintenance, translation, announcements, media services, photography and scheduling competition television interviews and briefing the interviewees. The centre also included the competition television's editing station and news studio.

There were 12 official press conferences and briefings during the event, and some 40 press releases and news were published in Finnish and English (some also in Swedish).

The news was written by Helsinki Business Polytechnic's reporter students. Morning and afternoon briefings in English focused on themes such as promotion and marketing for young people, how to run a competition, new demonstration skills and past and upcoming competitions. Media representatives had the opportunity to ask questions from key representatives of Skills Finland, WorldSkills organisation and the member countries.

## 18. Sponsors and partners

The objective of corporate co-operation was to finance the event and services, and to increase knowledge about WorldSkills competitions among corporations, thus creating possibilities for long-term co-operation in future WorldSkills and FinnSkills Taitaja competitions and training.

The contracts were divided into three main categories according to the size of a sponsor's investment:

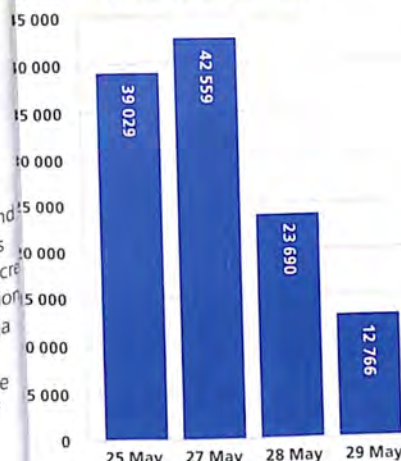
- official sponsors
- official suppliers
- other sponsors.

Skills Finland entered into sponsor agreements with 39 corporations and organisations. The event was also sponsored by various smaller contributions. The skills organisers also had a significant number of sponsorship agreements of their own.

## 19. Profile of visitors

In all, the event had close to 120,000 visitors. The number includes the competition audience, event participants and other official guests and the volunteer staff of the event. Thursday 26 and Friday 27 May were the busiest days due to the large number of students visiting the event. The official total number of visitors on Friday, 42,559 persons, was a new record for the Helsinki Fair Centre.

### NUMBER OF VISITORS PER DAY



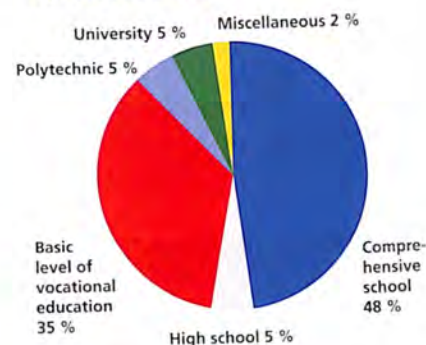
total number of visitors 118,044



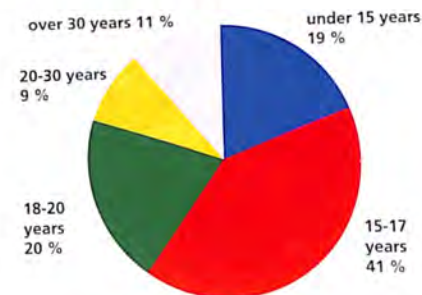
### TICKET CATEGORIES



### VISITOR EDUCATION



### VISITOR AGE PROFILE





## 20. Warm thank you from WorldSkills 2005 Helsinki

It has been a great joy and honour to host the WorldSkills 2005 competition in Helsinki. We are proud to be the 38th link in the honourable chain of competition organisers and to give our contribution to the future of WorldSkills.

During the 50-year history of WorldSkills, each host has built the event based on their national traditions and culture. Each host country has used their own special skills in the organising effort, has introduced new elements and solutions and has thus contributed to our common pool of WorldSkills organising skills. Learning from one another is indeed the strength of WorldSkills and helps us best achieve our common goals.

The main principle underlying the WorldSkills 2005 organisational effort was, from the very beginning, to involve as many providers of vocational education and training as possible, from all over Finland. This way, the mass event would become a natural tool for improving the quality of vocational training and teaching, and a true celebration of Finnish vocational training. The stakeholders of Finnish vocational education and training stepped in courageously: in all, the event staff consisted of over 3,000 teachers, trainers, experts and students, who could use this opportunity to enhance their professional skills further.

A mass event has to meet the demands of several customer groups and the organisers strove to meet their needs with a diversified non-competition programme. Vocational skill experts had their own international meeting point, the Global Skills Village. We hope that the fruitful conversations will

continue in various forums in the future. We have built study paths to help young people plan their futures and their vocations. Where else could you have an opportunity to familiarise yourself with over 40 international vocational skills and their training, all at the same time and in the same place?

The impact of the event depended on how interesting, straightforward and spectator-friendly the competitions were from the general public's point of view. Related skill categories were grouped together and individual competitors were positioned so that spectators could follow their work. The competition tasks were introduced on plasma screens and by skill category guides. It was the responsibility of the skill organisers to find suitable and usable solutions for each skill category. Despite these accomplishments, a lot more could be done to improve the spectator-friendliness of the competitions. We need to find new insightful solutions for both individual skill categories and the competition as a whole.

I feel that international co-operation is key to the future success of the Skills Movement. WorldSkills member countries, together with past and future WorldSkills hosts, are a dream team that can help vocational training and skills attain the appreciation they truly deserve.

During the planning and organising of WorldSkills 2005, co-operation between Skills Finland and WSO worked very well. We were very lucky to be hosting the competition after St. Gallen, as the help we received from the Swiss competition organisation, while launching our own organising effort

was priceless. We want to pass on this tradition and it will be our pleasure to support the organising efforts of the subsequent hosts in any way we can.

I want to express my warmest thanks to all our co-operation partners and best wishes to the Japanese host organisation.



Eija Alhojärvi

WSC2005 Secretary General



# ANNEX 1 A

## Results by skill / Rangliste nach Beruf / Résultats par métier

● GOLD 
 ● SILVER 
 ● BRONZE 
 ● Medallion For Excellence

| Skill No. 1: Polymechanics/Automation / Polymechnik/Automatisierung / Polymécanique/Automation |            |       |                               |        |
|------------------------------------------------------------------------------------------------|------------|-------|-------------------------------|--------|
| First Name                                                                                     | Last Name  | Award | Country                       | Result |
| Shoji                                                                                          | Watanabe   | ●     | Japan                         | 545    |
| Jen-Chih                                                                                       | Chiang     | ●     | Chinese Taipei                | 534    |
| Sherman William                                                                                | Mukoyama   | ●     | Brazil                        | 531    |
| Bernhard                                                                                       | Egger      | ●     | Switzerland                   | 530    |
| Alexander                                                                                      | Flatz      | ●     | Austria                       | 516    |
| Byung Soo                                                                                      | Kang       | ●     | Korea                         | 509    |
| Anton                                                                                          | Hartmann   | ●     | Germany                       | 504    |
| Gordon                                                                                         | O' Donovan |       | Ireland                       | 494    |
| Carlos Manuel                                                                                  | Sequeira   |       | Portugal                      | 493    |
| Marco                                                                                          | Gantenbein |       | Principality of Liechtenstein | 491    |
| Rick                                                                                           | Oosterhuis |       | Netherlands                   | 485    |
| Chris                                                                                          | Hilleard   |       | New Zealand                   | 478    |
| Jérôme                                                                                         | St-Amant   |       | Canada                        | 460    |
| Juha                                                                                           | Kelkka     |       | Finland                       | 432    |

| Skill No. 3: Manufacturing Team Challenge (MTC) |                      |       |             |        |
|-------------------------------------------------|----------------------|-------|-------------|--------|
| First Name                                      | Last Name            | Award | Country     | Result |
| Brent                                           | Butler               | ●     | Australia   | 533    |
| Andrew                                          | Moore                | ●     | Australia   | 533    |
| Robert                                          | Peel                 | ●     | Australia   | 530    |
| Edney                                           | Aparecido dos Santos | ●     | Brazil      | 530    |
| Jeferson Luiz                                   | dos Santos           | ●     | Brazil      | 530    |
| Leonardo                                        | Tayette de Souza     | ●     | Brazil      | 519    |
| Tae Il                                          | Kim                  | ●     | Korea       | 519    |
| Cheong                                          | Yoo                  | ●     | Korea       | 519    |
| Se Young                                        | Yoo                  | ●     | Korea       | 518    |
| Tsukasa                                         | Kimura               | ●     | Japan       | 518    |
| Masaki                                          | Takeda               | ●     | Japan       | 518    |
| Yutaro                                          | Takeshima            | ●     | Japan       | 509    |
| Mika                                            | Aarnio               | ●     | Finland     | 509    |
| Tuomo                                           | Fabritius            | ●     | Finland     | 509    |
| Riku                                            | Lambacka             | ●     | Finland     | 482    |
| Nicolas                                         | DELIENCOURT          |       | France      | 482    |
| Mehdi                                           | LAARAJ               |       | France      | 482    |
| Jean-Louis                                      | SALMON               |       | France      | 461    |
| Hans                                            | Baan                 |       | Netherlands | 461    |
| Rudie                                           | Bos                  |       | Netherlands | 461    |



|            |         |  |                |     |
|------------|---------|--|----------------|-----|
| Daniël     | Rietman |  | Netherlands    | 461 |
| Feng-Chi   | Lee     |  | Chinese Taipei | 449 |
| Ping-Yi    | Liao    |  | Chinese Taipei | 449 |
| Shih-Hsien | Tsai    |  | Chinese Taipei | 449 |

| Skill No. 4: Mechatronics / Mechatronik / Mécatronique |                    |       |                          |        |
|--------------------------------------------------------|--------------------|-------|--------------------------|--------|
| First Name                                             | Last Name          | Award | Country                  | Result |
| Yuji                                                   | Endo               | ●     | Japan                    | 565    |
| Akihiko                                                | Hirata             | ●     | Japan                    | 549    |
| Timon                                                  | Achtnich           | ●     | Switzerland              | 549    |
| Raphael                                                | Ruf                | ●     | Switzerland              | 548    |
| Stefan                                                 | Kostka             | ●     | Germany                  | 548    |
| Andreas                                                | Veil               | ●     | Germany                  | 534    |
| Lau                                                    | Teck Min           | ●     | Singapore                | 534    |
| Loh                                                    | Xin Zheng Jonathan | ●     | Singapore                | 528    |
| Cicero                                                 | Bedinot            | ●     | Brazil                   | 528    |
| Marcelo                                                | Morin Naimaier     | ●     | Brazil                   | 527    |
| Ki Seong                                               | Kim                | ●     | Korea                    | 527    |
| Young Gil                                              | Kwon               | ●     | Korea                    | 515    |
| Tat Chi                                                | Li                 | ●     | Hong Kong                | 515    |
| Ho Chuen                                               | Lo                 | ●     | Hong Kong                | 509    |
| Michael                                                | Haunschmid         | ●     | Austria                  | 509    |
| Markus                                                 | Koglgruber         | ●     | Austria                  | 507    |
| Jeffrey                                                | Boers              | ●     | Netherlands              | 507    |
| Edwin                                                  | Kroon              | ●     | Netherlands              | 507    |
| Preecha                                                | Patchai            | ●     | Thailand                 | 507    |
| Subin                                                  | Ruksue             | ●     | Thailand                 | 503    |
| Janne                                                  | Hurme              | ●     | Finland                  | 503    |
| Jarkko                                                 | Kylander           | ●     | Finland                  | 502    |
| Dave                                                   | Castonguay         | ●     | Canada                   | 502    |
| François                                               | Lessard            | ●     | Canada                   | 500    |
| Youssef                                                | Akrache            | ●     | Morocco                  | 500    |
| Hicham                                                 | Kaiber             | ●     | Morocco                  | 498    |
| Szu-Jie                                                | Tsai               |       | Chinese Taipei           | 498    |
| Sheng-Fong                                             | Wang               |       | Chinese Taipei           | 496    |
| James                                                  | Della Cioppa       |       | United Kingdom           | 496    |
| Matthew                                                | Goodwin            |       | United Kingdom           | 494    |
| Jonathan                                               | Curne              |       | New Zealand              | 494    |
| Scott                                                  | Eyre               |       | New Zealand              | 488    |
| Erik                                                   | Adolfsson          |       | Sweden                   | 488    |
| Denis                                                  | Bosch              |       | Belgium                  | 488    |
| Yves                                                   | Jastrowicz         |       | Belgium                  | 488    |
| Ola                                                    | Kallfeldt          |       | Sweden                   | 488    |
| Matt                                                   | Lindemann          |       | United States of America | 478    |



|              |                 |  |                          |     |
|--------------|-----------------|--|--------------------------|-----|
| Dan          | Reece           |  | United States of America | 478 |
| Timothy      | Driver          |  | Australia                | 470 |
| Gregory      | Harris          |  | Australia                | 470 |
| Damiano      | Recla           |  | South Tyrol, Italy       | 469 |
| Stefano      | Viola           |  | South Tyrol, Italy       | 469 |
| Kristian     | Mydland         |  | Norway                   | 464 |
| Petter       | Mydland         |  | Norway                   | 464 |
| Ahmad Faizal | bin Abdul Hamed |  | Malaysia                 | 461 |
| Mohd. Zaidy  | bin Abdul Latip |  | Malaysia                 | 461 |
| Damien       | PAQUEREAU       |  | France                   | 458 |
| Samuel       | PENAUD          |  | France                   | 458 |
| Hafid        | Setyo           |  | Indonesia                | 443 |
| Syahadatan   | Surya           |  | Indonesia                | 443 |

**Skill No. 5: Mech. Eng. CADD / Maschinenbau CADD / Mécanique industrielle CDAO**

| First Name     | Last Name          | Award | Country              | Result |
|----------------|--------------------|-------|----------------------|--------|
| Kazutoshi      | Onuki              | ●     | Japan                | 558    |
| Jong Hui       | Kim                | ●     | Korea                | 536    |
| Stefan         | Richard            | ●     | Switzerland          | 523    |
| Wen-Chun       | Cheng              | ●     | Chinese Taipei       | 523    |
| Fernando       | Telli Athaide      | ●     | Brazil               | 520    |
| Soh            | Ju Hu              | ●     | Singapore            | 518    |
| Jérémy         | RIEBEL             | ●     | France               | 513    |
| Bernhard       | Mühlburger         | ●     | Austria              | 511    |
| John           | Doyle              | ●     | Ireland              | 510    |
| Hamdi          | Makhlof            | ●     | Tunisia              | 506    |
| Sonja          | Kury               | ●     | Germany              | 505    |
| Somchin        | Hongsakeaw         | ●     | Thailand             | 501    |
| Peter          | Bukkems            |       | Netherlands          | 490    |
| Pedro Fernando | Fiúza              |       | Portugal             | 483    |
| Behzad         | Meskinen Pershiteh |       | Iran                 | 475    |
| Mario          | Tremblay           |       | Canada               | 474    |
| Domeki         | bin Pilim          |       | Malaysia             | 472    |
| Ville          | Kivelä             |       | Finland              | 459    |
| Ibrahim        | Mubarak            |       | United Arab Emirates | 423    |

**Skill No. 6: CNC Machining / CNC-Bearbeitung / Usinage CNC**

| First Name | Last Name | Award | Country        | Result |
|------------|-----------|-------|----------------|--------|
| Yoshiyuki  | Akatsuka  | ●     | Japan          | 547    |
| Sae Hee    | Oh        | ●     | Korea          | 539    |
| Kuei-Chuan | Hu        | ●     | Chinese Taipei | 531    |
| Larry      | DESFORGES | ●     | France         | 524    |
| Patrick    | Specker   | ●     | Switzerland    | 520    |
| Alan       | Fagundes  | ●     | Brazil         | 519    |
| Timo       | Schenk    | ●     | Netherlands    | 519    |



|            |             |   |           |     |
|------------|-------------|---|-----------|-----|
| Christian  | Bauer       | ● | Austria   | 513 |
| Mikko      | Vepsäläinen | ● | Finland   | 510 |
| Mohsen     | Golestani   | ● | Iran      | 500 |
| Wai Yiu    | Yang        |   | Hong Kong | 498 |
| Marc-André | Savoie      |   | Canada    | 474 |
| Karl       | Corry       |   | Ireland   | 468 |
| Chua       | Chon Chiang |   | Singapore | 466 |
| Bruno      | Romain      |   | Belgium   | 464 |
| Weng Hei   | Cheang      |   | Macau     | 459 |
| Solia      | Hellström   |   | Sweden    | 448 |

**Skill No. 9: IT/Software Applications / IT/Software Applikationen / Technologie d'information applications de logiciels**

| First Name         | Last Name           | Award | Country        | Result |
|--------------------|---------------------|-------|----------------|--------|
| Lo                 | Min Ming            | ●     | Singapore      | 567    |
| An-Jung            | Liu                 | ●     | Chinese Taipei | 538    |
| Li Won             | Son                 | ●     | Korea          | 536    |
| Julio César        | de Oliveira Barbosa | ●     | Brazil         | 527    |
| Yousuf             | Dehghani            | ●     | Iran           | 527    |
| Forntiehp          | Lohagunchon         | ●     | Thailand       | 514    |
| Rebecca            | Lord                | ●     | Australia      | 507    |
| Hui Jing           | Kwong               | ●     | Hong Kong      | 507    |
| Kiran Leung Reagan | Chan                | ●     | Macau          | 503    |
| Vica               | Rankavita           | ●     | Finland        | 500    |
| Matthias           | Maurer              |       | Switzerland    | 497    |
| Györfi             | DESPAS              |       | France         | 488    |
| Turki              | Aljaber             |       | Saudi Arabia   | 487    |
| Frank              | Kelm                |       | Germany        | 484    |
| Wino Miguel        | Silva               |       | Portugal       | 481    |
| Robyn              | McMillan            |       | Canada         | 471    |
| Anesha             | Simpson             |       | Jamaica        | 468    |
| Matthew            | Wales               |       | New Zealand    | 460    |
| Toussief           | Ajrindou            |       | Morocco        | 447    |

**Skill No. 10: Welding / Schweißen / Soudage**

| First Name | Last Name   | Award | Country                  | Result |
|------------|-------------|-------|--------------------------|--------|
| Daeng Hun  | Kwon        | ●     | Korea                    | 536    |
| Jeremy     | Gransden    | ●     | Australia                | 535    |
| Alison     | Prong-a-kas | ●     | Thailand                 | 535    |
| Min-Fu     | Weng        | ●     | Chinese Taipei           | 528    |
| Joel       | Stanley     | ●     | United States of America | 521    |
| Sami       | Ala-Varvi   | ●     | Finland                  | 520    |
| Gareth     | Rees        | ●     | United Kingdom           | 520    |
| Marcelo    | Pavanello   | ●     | Brazil                   | 519    |
| Ugon       | Hubers      | ●     | New Zealand              | 518    |



|                |              |   |                      |     |
|----------------|--------------|---|----------------------|-----|
| Malik Riduan   | bin Abdullah | ● | Malaysia             | 517 |
| Tomas          | Vikberg      | ● | Sweden               | 514 |
| Curtis         | Ritchie      | ● | Canada               | 511 |
| Mohammad       | Gharaty      | ● | Iran                 | 510 |
| Lito Higino    | Moreira      | ● | Portugal             | 509 |
| Tetsuya        | Takano       | ● | Japan                | 508 |
| Hannes         | De Bock      | ● | Belgium              | 505 |
| Matthew        | Brereton     | ● | Ireland              | 500 |
| Hans Hermann   | Kristensen   |   | Norway               | 494 |
| Ivo            | Vink         |   | Netherlands          | 479 |
| Patric         | Moser        |   | Switzerland          | 466 |
| Pierre-Antoine | PERRIN       |   | France               | 462 |
| Thembinkosi    | Matyeka      |   | South Africa         | 461 |
| Yin            | Lai          |   | Hong Kong            | 459 |
| Chen           | Gartner      |   | Austria              | 450 |
| Ahmed          | Al Madhani   |   | United Arab Emirates | 421 |

**Skill No. 12: Wall & Floor Tiling / Fliesenleger / Carrelage**

| First Name      | Last Name      | Award | Country                       | Result |
|-----------------|----------------|-------|-------------------------------|--------|
| Thomas          | Baur           | ●     | South Tyrol, Italy            | 539    |
| David           | Muheim         | ●     | Switzerland                   | 535    |
| Matthias        | Dastl          | ●     | Austria                       | 525    |
| Jetush          | Morina         | ●     | Principality of Liechtenstein | 523    |
| Anssi           | Lehti          | ●     | Finland                       | 521    |
| Marco           | Wiebusch       | ●     | Germany                       | 520    |
| Wan Jung        | Kim            | ●     | Korea                         | 517    |
| Nicky           | van Minderhout | ●     | Netherlands                   | 514    |
| Anthony         | Micari         | ●     | Australia                     | 507    |
| Davy            | REZEAU         | ●     | France                        | 503    |
| Yu-Cheng        | Yang           | ●     | Chinese Taipei                | 500    |
| Komson          | Tiwato         |       | Thailand                      | 497    |
| Yasuhiro        | Kinoshita      |       | Japan                         | 496    |
| Mohd Kamal      | bin Che Ahmad  |       | Malaysia                      | 487    |
| Jens            | Bergström      |       | Sweden                        | 479    |
| Johnny          | Doumont        |       | Belgium                       | 464    |
| Anderson Marcio | da Silva       |       | Brazil                        | 455    |
| Siu Chung       | Au Yeung       |       | Hong Kong                     | 417    |

**Skill No. 13: Autobody Repair / Karosseriespenger / Tôlerie/carrosserie**

| First Name | Last Name     | Award | Country        | Result |
|------------|---------------|-------|----------------|--------|
| Andrew     | Blair         | ●     | United Kingdom | 557    |
| Chang Wan  | Yu            | ●     | Korea          | 552    |
| Makoto     | Suzuki        | ●     | Japan          | 524    |
| Edwin      | de Vries      | ●     | Netherlands    | 518    |
| Claude     | Grossenbacher | ●     | Switzerland    |        |



|           |                   |   |                          |     |
|-----------|-------------------|---|--------------------------|-----|
| Stefan    | Fischer           | ● | Germany                  | 510 |
| Mark      | Millson           |   | Canada                   | 498 |
| Steffen   | Rosenborg Grytten |   | Norway                   | 494 |
| Erik      | Jessen            |   | Sweden                   | 493 |
| Stéphane  | KERAUTRET         |   | France                   | 488 |
| Antti     | Kankaanpää        |   | Finland                  | 477 |
| Michael   | Knight            |   | Australia                | 474 |
| Meng-Hung | Tsai              |   | Chinese Taipei           | 471 |
| Cole      | Watson            |   | New Zealand              | 464 |
| Nicolaus  | Ranker            |   | United States of America | 453 |

**Skill No. 15: Plumbing / Sanitärinstallateur / Plomberie**

| First Name  | Last Name       | Award | Country                       | Result |
|-------------|-----------------|-------|-------------------------------|--------|
| Henri       | Koskinen        | ●     | Finland                       | 561    |
| Henrik      | Hansen          | ●     | Denmark                       | 541    |
| Sebastian   | Pohler          | ●     | Germany                       | 536    |
| Min Ho      | Kang            | ●     | Korea                         | 520    |
| Martin      | Heiligenbrunner | ●     | Austria                       | 519    |
| Michel      | Torny           | ●     | Netherlands                   | 514    |
| Gunther     | Eschgfaller     | ●     | South Tyrol, Italy            | 513    |
| David       | Robilliard      | ●     | Australia                     | 511    |
| Tsubasa     | Tashiro         | ●     | Japan                         | 509    |
| David       | Josefsson       | ●     | Sweden                        | 509    |
| Christopher | Robinson        | ●     | United Kingdom                | 508    |
| Mark        | McGlanaghey     |       | Ireland                       | 499    |
| Nicolas     | COINDET         |       | France                        | 498    |
| Benjamin    | Muller          |       | Switzerland                   | 492    |
| Simon       | Proteau         |       | Canada                        | 478    |
| Markus      | Kaltvedt        |       | Norway                        | 478    |
| Hamed       | Torabi Nik      |       | Iran                          | 462    |
| Stefan      | Berlinger       |       | Principality of Liechtenstein | 459    |
| Erwan       | Rusdiana        |       | Indonesia                     | 456    |
| Chi-Tsung   | Hung            |       | Chinese Taipei                | 439    |

**Skill No. 16: Industrial Electronics / Industrieelektroniker / Electronique industrielle**

| First Name | Last Name | Award | Country        | Result |
|------------|-----------|-------|----------------|--------|
| Sascha     | Feuz      | ●     | Switzerland    | 550    |
| Shuta      | Mizoguchi | ●     | Japan          | 545    |
| Fu-Kai     | Chen      | ●     | Chinese Taipei | 535    |
| He         | Weiye     | ●     | Singapore      | 530    |
| Daniel     | Wagner    | ●     | Germany        | 511    |
| Sang Min   | Kim       | ●     | Korea          | 499    |
| Toni       | Harju     |       | Finland        | 495    |
| Ehsan      | Kiani Far |       | Iran           | 488    |
| Greg       | Hibbert   |       | Canada         | 471    |



|             |           |  |          |     |
|-------------|-----------|--|----------|-----|
| Ahmed       | Mestayser |  | Tunisia  | 471 |
| Helder Luis | Fonseca   |  | Portugal | 470 |
| Darren      | Kavanagh  |  | Ireland  | 468 |
| Weng Fong   | Choi      |  | Macau    | 467 |

**Skill No. 17: Web Design**

| First Name     | Last Name       | Award | Country        | Result |
|----------------|-----------------|-------|----------------|--------|
| Jarrad         | Langdon         | ●     | Australia      | 538    |
| Chris          | Fournier        | ●     | Canada         | 537    |
| Tan            | Wei Cheng Aaron | ●     | Singapore      | 525    |
| Chi Chon       | Chan            | ●     | Macau          | 524    |
| Ehsan          | Afzali          | ●     | Iran           | 521    |
| Ahmed          | AlRabiah        | ●     | Saudi Arabia   | 521    |
| Henry          | Schütt          | ●     | Germany        | 515    |
| Elmo           | Saukko          | ●     | Finland        | 510    |
| Jeroen         | Ooms            | ●     | Netherlands    | 510    |
| Michael        | Iten            |       | Switzerland    | 499    |
| Yun Soo        | Bang            |       | Korea          | 492    |
| Tu-Cheng       | Tsai            |       | Chinese Taipei | 485    |
| Hair Rudy      | bin Md. Noor    |       | Malaysia       | 475    |
| Omar           | Johnson         |       | Jamaica        | 467    |
| Dulce Catarina | Teixeira        |       | Portugal       | 452    |
| Jérémy         | IORANOFF        |       | France         | 430    |

**Skill No. 18: Electrical Installation / Elektroinstallateur / Installation électrique**

| First Name     | Last Name        | Award | Country                       | Result |
|----------------|------------------|-------|-------------------------------|--------|
| Thomas         | Zoschg           | ●     | South Tyrol, Italy            | 535    |
| Bjarte         | Hoff             | ●     | Norway                        | 534    |
| Markus         | Roni             | ●     | Finland                       | 530    |
| Michael        | Kinsella         | ●     | Ireland                       | 530    |
| Paulo Mateus   | da Silva Ramos   | ●     | Brazil                        | 525    |
| Jun            | Tanaka           | ●     | Japan                         | 524    |
| Young Chan     | Cho              | ●     | Korea                         | 523    |
| Carlos Eduardo | Tavares          | ●     | Portugal                      | 522    |
| Zekerijah      | Spreck           | ●     | Switzerland                   | 517    |
| Paisak         | Poolphaka        | ●     | Thailand                      | 517    |
| Markus         | Kapeller         | ●     | Austria                       | 515    |
| Manuel         | Ritter           | ●     | Principality of Liechtenstein | 514    |
| Kuo-Hsien      | Chen             | ●     | Chinese Taipei                | 508    |
| Ben            | Page             | ●     | Australia                     | 505    |
| Tomas          | Sjögren          | ●     | Sweden                        | 504    |
| Marcus         | Fröbisch         |       | Germany                       | 499    |
| Thomas         | Brown            |       | New Zealand                   | 494    |
| Adam           | Byron            |       | Canada                        | 469    |
| Shahram        | Amiri Tazeh Abad |       | Iran                          | 467    |



|          |          |  |                      |     |
|----------|----------|--|----------------------|-----|
| Julien   | LASSERET |  | France               | 466 |
| Bart     | Willems  |  | Netherlands          | 466 |
| Omar     | Al Zaabi |  | United Arab Emirates | 465 |
| Zouheir  | Derbel   |  | Tunisia              | 442 |
| Weng Kit | Lei      |  | Macau                | 429 |

**Skill No. 19: Industrial Control / Anlagenelektrik / Contrôle industriel**

| First Name    | Last Name         | Award | Country                       | Result |
|---------------|-------------------|-------|-------------------------------|--------|
| Petri         | Hämäläinen        | ●     | Finland                       | 538    |
| Jonathan      | Svensson-Köhler   | ●     | Sweden                        | 537    |
| Rogério       | Pimentel Navarro  | ●     | Brazil                        | 525    |
| Olivier       | BIECHLIN          | ●     | France                        | 525    |
| Rolf          | Hobi              | ●     | Principality of Liechtenstein | 522    |
| Georg         | Bruckler          | ●     | Austria                       | 519    |
| Derk-Jan      | Plas              | ●     | Netherlands                   | 517    |
| Christoph     | Meier             | ●     | Switzerland                   | 513    |
| Jared         | Boyle             | ●     | Australia                     | 511    |
| Sean          | Stack             | ●     | Ireland                       | 508    |
| Doug Min      | Choi              | ●     | Korea                         | 506    |
| Florian       | Schiele           | ●     | Germany                       | 501    |
| Koji          | Osana             |       | Japan                         | 498    |
| Yu-Sheng      | Liu               |       | Chinese Taipei                | 493    |
| Matthew       | Van Rossum        |       | Canada                        | 478    |
| Pierre        | Legros            |       | Belgium                       | 477    |
| Muralraj      | S/O Rajoo Devaraj |       | Singapore                     | 469    |
| Mohammad Amin | Gharagouzloo      |       | Iran                          | 469    |
| Aymen         | Oueld Ommi        |       | Tunisia                       | 434    |

**Skill No. 20: Bricklaying / Maurer / Maçonnerie**

| First Name   | Last Name     | Award | Country            | Result |
|--------------|---------------|-------|--------------------|--------|
| Hannes       | Mairhofer     | ●     | Austria            | 526    |
| Thomas       | Rohde         | ●     | Germany            | 521    |
| Piero        | Hess          | ●     | Switzerland        | 520    |
| Klaus        | Perkemann     | ●     | South Tyrol, Italy | 518    |
| Antti        | Linatti       | ●     | Finland            | 517    |
| Paul         | van Gastel    | ●     | Netherlands        | 516    |
| Florentin    | GELOT         | ●     | France             | 514    |
| Do Seong     | Pyeon         | ●     | Korea              | 513    |
| Purnomo      | bin Md. Kalid | ●     | Malaysia           | 513    |
| Paulo Sérgio | Pires         | ●     | Portugal           | 513    |
| Terence      | Coles         | ●     | United Kingdom     | 512    |
| Gavin        | O' Sullivan   | ●     | Ireland            | 512    |
| René         | Henrik sen    | ●     | Denmark            | 508    |
| Thomas       | Sorensen      | ●     | Canada             | 502    |
| Andy         | Errens        | ●     | Belgium            | 501    |



|            |               |   |                |     |
|------------|---------------|---|----------------|-----|
| Hao-Hsiang | Liang         | ● | Chinese Taipei | 500 |
| Romano     | Ginesi        |   | Australia      | 498 |
| Jónatas    | Gomes Corsino |   | Brazil         | 495 |
| Javad      | Rastkhah      |   | Iran           | 484 |
| Andi       | Supardi       |   | Indonesia      | 472 |
| Kanako     | Sato          |   | Japan          | 459 |
| Tommy      | Marklund      |   | Sweden         | 400 |

**Skill No. 21: Stonemasonry / Steinmetz / Taille de pierres**

| First Name   | Last Name   | Award | Country            | Result |
|--------------|-------------|-------|--------------------|--------|
| Emanuel      | Wagner      | ●     | Germany            | 544    |
| Mike         | Slotboom    | ●     | Netherlands        | 527    |
| Gary         | Collier     | ●     | United Kingdom     | 527    |
| Hyouk Kyo    | Lee         | ●     | Korea              | 523    |
| Flurin       | Tuor        | ●     | Switzerland        | 515    |
| Florian      | Nagl        |       | South Tyrol, Italy | 495    |
| Mickaël      | LE BOT      |       | France             | 494    |
| Johannes     | Mitterbauer |       | Austria            | 489    |
| Takashi      | Eda         |       | Japan              | 484    |
| Juha         | Nieminen    |       | Finland            | 466    |
| Valter Mário | Brás        |       | Portugal           | 436    |

**Skill No. 22: Painting & Decorating / Maler und Anstreicher / Peinture & Décoration**

| First Name | Last Name  | Award | Country            | Result |
|------------|------------|-------|--------------------|--------|
| Marian     | Schweiger  | ●     | Austria            | 543    |
| Karoliina  | Hytönen    | ●     | Finland            | 539    |
| Lorenz     | Hofer      | ●     | Switzerland        | 528    |
| Chia-En    | Huang      | ●     | Chinese Taipei     | 521    |
| Carlos     | DE AZEVEDO | ●     | France             | 520    |
| Joachim    | Paoli      | ●     | South Tyrol, Italy | 518    |
| Chang Yong | Oh         | ●     | Korea              | 517    |
| Yuki       | Tateyama   | ●     | Japan              | 509    |
| Harry      | Immink     | ●     | Netherlands        | 500    |
| Fergal     | Feehely    |       | Ireland            | 484    |
| Martin     | Lange      |       | Germany            | 479    |
| Wesley     | Foster     |       | Australia          | 474    |
| Fredrik    | Östlin     |       | Sweden             | 472    |
| Martine    | Ihry       |       | Luxembourg         | 455    |
| Wai Man    | Hui        |       | Hong Kong          | 440    |

**Skill No. 24: Cabinetmaking / Möbelschreiner / Ebénisterie**

| First Name | Last Name | Award | Country                       | Result |
|------------|-----------|-------|-------------------------------|--------|
| Jonas      | Buff      | ●     | Switzerland                   | 536    |
| Stefan     | Treude    | ●     | Germany                       | 535    |
| Andreas    | Zerwas    | ●     | Principality of Liechtenstein | 534    |
| Andreas    | Pichler   | ●     | South Tyrol, Italy            | 533    |



|                   |                      |   |                |     |
|-------------------|----------------------|---|----------------|-----|
| Michael           | Pilmayr              | ● | Austria        | 530 |
| Amaud             | LAINE                | ● | France         | 526 |
| Kris              | Laws                 | ● | Australia      | 519 |
| Christoffer       | Olsson               | ● | Sweden         | 511 |
| Mark              | Boyce                | ● | New Zealand    | 507 |
| Alexander         | Bellini              | ● | United Kingdom | 505 |
| Seppo             | Heilimo              | ● | Finland        | 502 |
| Thomas            | Lynch                | ● | Ireland        | 502 |
| Yoo Lo            | Kim                  |   | Korea          | 498 |
| Wei-chih          | Hsu                  |   | Chinese Taipei | 493 |
| Calvin            | Ages                 |   | Canada         | 487 |
| Diego             | de Oliveira Galhardi |   | Brazil         | 485 |
| Koki              | Yashiro              |   | Japan          | 483 |
| Jonas Søndergaard | Nielsen              |   | Denmark        | 474 |
| Nuno Ricardo      | da Silva             |   | Portugal       | 469 |
| Gaute             | Saglien              |   | Norway         | 463 |
| Amin              | Fani                 |   | Iran           | 409 |

**Skill No. 25: Joinery / Bauschreiner / Menuiserie**

| First Name       | Last Name | Award | Country        | Result |
|------------------|-----------|-------|----------------|--------|
| Michael          | Martin    | ●     | Germany        | 536    |
| Cédric           | COTILLEAU | ●     | France         | 533    |
| Lorent           | Lamberty  | ●     | Belgium        | 521    |
| Reto             | Welz      | ●     | Switzerland    | 521    |
| Su               | Kim       | ●     | Korea          | 520    |
| Chih-Ching       | Hou       | ●     | Chinese Taipei | 515    |
| Conor            | Cahill    | ●     | Ireland        | 513    |
| Andrew           | Shaskey   | ●     | New Zealand    | 509    |
| Michael          | Hartl     | ●     | Austria        | 506    |
| Bruno José       | Medeiros  | ●     | Portugal       | 502    |
| Jonas            | Hänninen  | ●     | Finland        | 500    |
| James            | Cook      | ●     | United Kingdom | 500    |
| Henrik Hjelmager | Olesen    | ●     | Denmark        | 497    |
| Kyoto            | Takechi   |       | Japan          | 453    |
| Laila            | Sikae     |       | Indonesia      | 451    |
|                  | Jacobsen  |       | Norway         | 425    |

**Skill No. 26: Carpentry / Zimmermann / Charpente**

| First Name | Last Name | Award | Country            | Result |
|------------|-----------|-------|--------------------|--------|
| Se Hyeon   | Choe      | ●     | Korea              | 531    |
| Michael    | Hürbin    | ●     | Switzerland        | 526    |
| Georg      | Thoni     | ●     | South Tyrol, Italy | 523    |
| Donal      | O' Connor | ●     | Ireland            | 517    |
| Jonathan   | LAHAYE    | ●     | France             | 516    |
| Christian  | Engel     | ●     | Luxembourg         | 514    |



|        |            |   |             |     |
|--------|------------|---|-------------|-----|
| Manuel | Kugler     | ● | Germany     | 511 |
| Soichi | Hatayama   |   | Japan       | 491 |
| Jacob  | Lundström  |   | Denmark     | 484 |
| Peter  | Theunissen |   | Netherlands | 446 |
| Marko  | Partanen   |   | Finland     | 440 |

**Skill No. 27: Jewellery / Goldschmied / Bijouterie/joallerie**

| First Name     | Last Name      | Award | Country            | Result |
|----------------|----------------|-------|--------------------|--------|
| Armin          | Pixner         | ●     | South Tyrol, Italy | 537    |
| Yuk Kam        | Tam            | ●     | Hong Kong          | 536    |
| Eun Mi         | Kim            | ●     | Korea              | 531    |
| António        | Salgueiro Dias | ●     | Portugal           | 528    |
| Chun-Hsiang    | Ko             | ●     | Chinese Taipei     | 526    |
| Päivi          | Sohkanen       | ●     | Finland            | 508    |
| Mohammad Taghi | Ayobi          |       | Iran               | 496    |
| Sylvie         | CHARDON        |       | France             | 495    |
| Benjamin       | Rosenberg      |       | Sweden             | 490    |
| Naoki          | Hashimoto      |       | Japan              | 479    |
| Roman          | Wisler         |       | Switzerland        | 477    |
| Camilla        | Johansen       |       | Norway             | 452    |
| Nippon         | Charoenpol     |       | Thailand           | 445    |

**Skill No. 28: Floristry / Florist / Fleuriste**

| First Name   | Last Name        | Award | Country     | Result |
|--------------|------------------|-------|-------------|--------|
| Birgitta     | Kulppi           | ●     | Finland     | 548    |
| Jeroen       | Peeters          | ●     | Netherlands | 520    |
| Ji Hyeon     | Seo              | ●     | Korea       | 519    |
| Stefanie     | Zuckerstätter    | ●     | Austria     | 518    |
| Hanna        | Jönsson          | ●     | Sweden      | 518    |
| Flavia       | Scussel          | ●     | Switzerland | 515    |
| Caroline     | Mariutto         | ●     | Luxembourg  | 515    |
| Judith       | Buteau           |       | Canada      | 496    |
| Elodie       | SAINT GENEZ      |       | France      | 496    |
| Katrine      | Kjeilen Hustveit |       | Norway      | 490    |
| Sao I        | Choi             |       | Macau       | 488    |
| Yuka         | Urakami          |       | Japan       | 481    |
| Kosol        | Puengpeang       |       | Thailand    | 480    |
| Vânia Raquel | Santos           |       | Portugal    | 414    |

**Skill No. 29: Ladies' / Men's Hairdressing, Damen-/Herrenfriseur, Coiffure Dames/Hommes**

| First Name | Last Name  | Award | Country     | Result |
|------------|------------|-------|-------------|--------|
| Sophia     | DA COSTA   | ●     | France      | 547    |
| Bruno      | Friederich | ●     | Switzerland | 539    |
| Jin A      | Son        | ●     | Korea       | 532    |
| Saara      | Hyppänen   | ●     | Finland     | 531    |
| Athit      | Chanla     | ●     | Thailand    | 525    |



|               |                   |   |                          |     |
|---------------|-------------------|---|--------------------------|-----|
| Martina       | Glaser            | ● | Austria                  | 521 |
| Marianne      | Madsen            | ● | Denmark                  | 519 |
| Adele-Liane   | Simpkin           | ● | United Kingdom           | 516 |
| Werner        | Amort             | ● | South Tyrol, Italy       | 515 |
| Viviana       | Zuniga            | ● | United States of America | 509 |
| Mélanie       | Simard-Gaudreault | ● | Canada                   | 508 |
| Frida         | Claeson           | ● | Sweden                   | 492 |
| Sandra Carina | Pessoa            |   | Portugal                 | 487 |
| Rachel        | DeBono            |   | Australia                | 487 |
| Chizuru       | Tsushida          |   | Japan                    | 471 |
| Meng-Lin      | Lu                |   | Chinese Taipei           | 468 |
| Michelle      | Groenewald        |   | South Africa             | 464 |
| Pui Ying      | Cheung            |   | Hong Kong                | 460 |
| Chong Heng    | Chan              |   | Macau                    | 455 |
| Carina        | Løken             |   | Norway                   | 440 |
| Danielle      | Clarke            |   | Jamaica                  |     |

**Skill No. 30: Beauty Therapy / Schönheitspflege / Soins de beauté**

| First Name | Last Name    | Award | Country            | Result |
|------------|--------------|-------|--------------------|--------|
| Marieluise | Rabensteiner | ●     | South Tyrol, Italy | 540    |
| Patricia   | Orpen        | ●     | Ireland            | 530    |
| Joanna     | Thompson     | ●     | United Kingdom     | 528    |
| Katy       | Desroches    | ●     | Canada             | 527    |
| Ilona      | Vaananen     | ●     | Finland            | 519    |
| Rachel     | Wolfisberg   | ●     | Switzerland        | 507    |
| Kirsten    | Hickman      |       | Australia          | 484    |
| Angélique  | LEVREY       |       | France             | 477    |
| Wing Chi   | Chan         |       | Hong Kong          | 472    |
| Pei-Shan   | Ting         |       | Chinese Taipei     | 469    |
| Cornelia   | Imser        |       | Austria            | 446    |

**Skill No. 31: Ladies' Dressmaking / Damenschneider / Couture Dames**

| First Name  | Last Name           | Award | Country        | Result |
|-------------|---------------------|-------|----------------|--------|
| Hong Kyeong | Kim                 | ●     | Korea          | 553    |
| Atchara     | Jitbanyong          | ●     | Thailand       | 537    |
| Pei-Hung    | Lee                 | ●     | Chinese Taipei | 528    |
| Sabine      | Stanger             | ●     | Switzerland    | 526    |
| Valérie     | Claveau             | ●     | Canada         | 501    |
| Ria         | Tilsala             |       | Finland        | 492    |
| Sayuri      | Misaka              |       | Japan          | 483    |
| Un I        | Tam                 |       | Macau          | 482    |
| Sornayeh    | Begham Bakhshayeshi |       | Iran           | 474    |
| Sabrida     | BREDA               |       | France         | 470    |
| Birthe      | Monsen Bech         |       | Norway         | 455    |

**Skill No. 32: Confectioner/Pastry Cook / Konditor / Pâtissier/confiseur**

| First Name       | Last Name       | Award | Country            | Result |
|------------------|-----------------|-------|--------------------|--------|
| Magdalena        | Raffl           | ●     | South Tyrol, Italy | 544    |
| Catherine        | Guillet         | ●     | Canada             | 536    |
| Lilli            | Hauser          | ●     | Germany            | 534    |
| Quentin          | BAILLY          | ●     | France             | 527    |
| Ho Kyoun         | Kim             | ●     | Korea              | 524    |
| Manuela          | Thaler          | ●     | Austria            | 522    |
| David            | Müller          | ●     | Switzerland        | 514    |
| Ayuha            | Banzai          | ●     | Japan              | 509    |
| Aini             | Kaikko          | ●     | Finland            | 508    |
| Ya-Ming          | Wu              |       | Chinese Taipei     | 487    |
| Helen            | Barker          |       | United Kingdom     | 482    |
| Gundrun Johanne  | Eikeland        |       | Norway             | 474    |
| Coby             | Knoop           |       | Netherlands        | 469    |
| Linda Nylander   | Jensen          |       | Denmark            | 468    |
| Geoffrey         | Ledent          |       | Belgium            | 462    |
| Thaiana Cristina | da Silva Amorim |       | Brazil             | 442    |

**Skill No. 33: Automobile Technology / Automechaniker / Technologie automobile**

| First Name | Last Name   | Award | Country              | Result |
|------------|-------------|-------|----------------------|--------|
| Ross       | Wasson      | ●     | Ireland              | 561    |
| Markus     | Kogelmann   | ●     | Austria              | 548    |
| Seung Min  | Ju          | ●     | Korea                | 544    |
| Juuso      | Jukkala     | ●     | Finland              | 517    |
| Arnfinn    | Gilberg     | ●     | Norway               | 516    |
| Daniel     | Collings    | ●     | Australia            | 508    |
| Benjamin   | Haus        | ●     | Switzerland          | 507    |
| Jörg       | Stotz       | ●     | Germany              | 507    |
| Hannes     | Burger      | ●     | South Tyrol, Italy   | 507    |
| Hirokyu    | Onodera     | ●     | Japan                | 506    |
| Jarred     | Wegner      | ●     | Canada               | 501    |
| Frank      | Wangen      | ●     | Luxembourg           | 501    |
| Jason      | Norton      |       | United Kingdom       | 498    |
| Régis      | MULLER      |       | France               | 496    |
| Håkan      | Springfeldt |       | Sweden               | 491    |
| Yu-Cheng   | Lai         |       | Chinese Taipei       | 487    |
| Suradet    | Chuntana    |       | Thailand             | 486    |
| Rihan      | Serfontein  |       | South Africa         | 482    |
| Graham     | O'Brien     |       | New Zealand          | 481    |
| Anuar      | bin Zainal  |       | Malaysia             | 479    |
| Li         | Weide       |       | Singapore            | 470    |
| Amer       | Al Mehri    |       | United Arab Emirates | 407    |

**Skill No. 34: Cooking / Koch / Cuisinier**

| First Name      | Last Name       | Award | Country            | Result |
|-----------------|-----------------|-------|--------------------|--------|
| Rene            | Frank           | ●     | Germany            | 551    |
| Florian         | Bettischen      | ●     | Switzerland        | 528    |
| Thomas          | Walton          | ●     | Australia          | 523    |
| David           | DEVEL           | ●     | France             | 523    |
| Verena          | Eppacher        | ●     | South Tyrol, Italy | 523    |
| Kuo-Chin        | Su              | ●     | Chinese Taipei     | 517    |
| Gerard          | Molloy          | ●     | Ireland            | 516    |
| Andy            | Hartanto        | ●     | New Zealand        | 511    |
| Eric            | Blouin-Duchesne | ●     | Canada             | 510    |
| Clark           | Crawley         | ●     | United Kingdom     | 508    |
| Stefan          | Mollers         | ●     | Netherlands        | 505    |
| Jin Ho          | Park            | ●     | Korea              | 504    |
| Niklas          | Aspling         | ●     | Sweden             | 503    |
| Heidi Elisabeth | Ravneng         | ●     | Norway             | 500    |
| Patricia        | Kaspar          |       | Austria            | 493    |
| Erik            | Mansikka        |       | Finland            | 493    |
| Raweekant       | Tukkinsathian   |       | Thailand           | 486    |
| Danny           | Gillesen        |       | Luxembourg         | 477    |
| Masatoshi       | Saito           |       | Japan              | 469    |
| Wai Kin         | Lo              |       | Hong Kong          | 469    |
| Nickardo        | Whitelock       |       | Jamaica            | 455    |
|                 |                 |       |                    | 404    |

**Skill No. 35: Restaurant Service / Restaurantbedienung / Service de restauration**

| First Name       | Last Name         | Award | Country            | Result |
|------------------|-------------------|-------|--------------------|--------|
| Stefan           | Kob               | ●     | Austria            | 549    |
| Sinead           | Leacy             | ●     | Ireland            | 547    |
| Matthias         | Schenk            | ●     | South Tyrol, Italy | 523    |
| Craig            | Dearden           | ●     | Australia          | 522    |
| Doo Ri           | Kim               | ●     | Korea              | 520    |
| Warawut          | Tiwaree           | ●     | Thailand           | 519    |
| Mikael           | Johansson         | ●     | Sweden             | 511    |
| Pål              | Sundeng Tønnessen | ●     | Norway             | 504    |
| Sandra           | Filter            |       | Switzerland        | 499    |
| Elain            | Bernard           |       | Canada             | 493    |
| Julien           | GARDIN            |       | France             | 491    |
| Tzu-Wan          | Lin               |       | Chinese Taipei     | 484    |
| Sina             | Siltanen          |       | Finland            | 474    |
| Acácio Alexandre | Oliveira          |       | Portugal           | 469    |
| Akinori          | Hamano            |       | Japan              | 461    |
| Irene            | Bult              |       | Netherlands        | 434    |



## Skill No. 36: Car Painting / Autolackierer / Peinture automobile

| First Name       | Last Name | Award | Country                  | Result |
|------------------|-----------|-------|--------------------------|--------|
| José João        | Gonçalves | ●     | Switzerland              | 552    |
| Jong Sun         | Park      | ●     | Korea                    | 534    |
| Benjamin         | McNaught  | ●     | New Zealand              | 532    |
| Lars Otto        | Kielsen   | ●     | Denmark                  | 519    |
| Johan            | Widfond   | ●     | Sweden                   | 514    |
| Chun-Wei         | Chiu      | ●     | Chinese Taipei           | 512    |
| Kees             | Luteijn   | ●     | Netherlands              | 509    |
| Hans Christoffer | Høgetveit | ●     | Norway                   | 508    |
| Adrien           | ROESCH    | ●     | France                   | 493    |
| Antony           | Close     | ●     | United Kingdom           | 478    |
| Naoki            | Toyota    | ●     | Japan                    | 473    |
| Bodie            | Smith     | ●     | United States of America | 471    |
| Tuomo            | Tuohino   | ●     | Finland                  | 463    |
| Ka Wai           | Leung     | ●     | Hong Kong                | 441    |

## Skill No. 37: Landscape Gardening / Landschaftsgärtner / Jardinier/paysagiste

| First Name | Last Name      | Award | Country        | Result |
|------------|----------------|-------|----------------|--------|
| Lorenz     | Arbogast       | ●     | Switzerland    | 542    |
| Christophe | DIRRY          | ●     | France         | 542    |
| Jérémie    | JAEGY          | ●     | France         | 542    |
| Martin     | Müller         | ●     | Switzerland    | 542    |
| Alexander  | Bitzer         | ●     | Germany        | 529    |
| Andreas    | Wandinger      | ●     | Germany        | 529    |
| Jonathan   | Balfour        | ●     | Australia      | 514    |
| Simon      | Mudd           | ●     | Australia      | 514    |
| Thomas     | Hörbiger       | ●     | Austria        | 507    |
| Thomas     | Sulzenbacher   | ●     | Austria        | 507    |
| Joong Sik  | Kim            | ●     | Korea          | 504    |
| Yoong Soo  | Kim            | ●     | Korea          | 504    |
| Lesley Roy | Harteveld      | ●     | Netherlands    | 493    |
| Hans       | Roodzant       | ●     | Netherlands    | 488    |
| Keizo      | Kobayashi      | ●     | Japan          | 488    |
| Koki       | Maeyama        | ●     | Japan          | 471    |
| François   | Bilodeau       | ●     | Canada         | 471    |
| Dominic    | Martel         | ●     | Canada         | 458    |
| Glen       | Merchant       | ●     | United Kingdom | 458    |
| Andrew     | O'Connor Smith | ●     | United Kingdom | 450    |
| Ville      | Koskinen       | ●     | Finland        | 450    |
| Tiina      | Nurmio         | ●     | Finland        | 450    |



## Skill No. 38: Refrigeration, Kältetechnik, Réfrigération

| First Name     | Last Name       | Award | Country                  | Result |
|----------------|-----------------|-------|--------------------------|--------|
| Alan           | Parr            | ●     | Ireland                  | 542    |
| Paulo          | Djalma de Souza | ●     | Brazil                   | 532    |
| Nitipong       | Bubphamala      | ●     | Thailand                 | 528    |
| Florian        | Zebisch         | ●     | Germany                  | 523    |
| Mathieu        | Girard          | ●     | Canada                   | 521    |
| Dae Woong      | Choi            | ●     | Korea                    | 514    |
| Henrik         | Larsson         | ●     | Sweden                   | 514    |
| Pai-Chang      | Liu             | ●     | Chinese Taipei           | 511    |
| Hayden         | Caine           | ●     | Australia                | 510    |
| Tufan          | Sami            | ●     | Finland                  | 501    |
| Anthony        | JEANNEAU        | ●     | France                   | 494    |
| Germano Manuel | Pereira         | ●     | Portugal                 | 492    |
| Tarek          | Skhiri          | ●     | Tunisia                  | 492    |
| Ralph          | Beelen          | ●     | Netherlands              | 489    |
| Shawn          | Wasielewski     | ●     | United States of America | 469    |
| Jacobus        | Kies            | ●     | South Africa             | 441    |
| Ahmet          | Koyuncu         | ●     | Belgium                  | 426    |

## Skill No. 39: IT PC/Network Support / IT PC-/Netzwerktechnik / Gestion de réseaux informatiques

| First Name    | Last Name             | Award | Country        | Result |
|---------------|-----------------------|-------|----------------|--------|
| Liew          | Mei Qi, Vindis        | ●     | Singapore      | 571    |
| Menno         | Vanderlist            | ●     | Canada         | 564    |
| Tomi          | Miettunen             | ●     | Finland        | 530    |
| Paulo Alberto | Macedo Vieira Violada | ●     | Brazil         | 528    |
| Björn-Peter   | Luthje                | ●     | Germany        | 522    |
| Nathan        | Champion              | ●     | New Zealand    | 514    |
| Danny         | Meier                 | ●     | Switzerland    | 510    |
| Pierre        | Tiang                 | ●     | Belgium        | 501    |
| Mehdi         | Behamin               | ●     | Iran           | 496    |
| Tsz Yam       | Chan                  | ●     | Hong Kong      | 495    |
| Gaëtan        | MOTTIER               | ●     | France         | 490    |
| Danny         | van der Aa            | ●     | Netherlands    | 489    |
| Bernd         | Walch                 | ●     | Austria        | 486    |
| Anthony       | Robinson              | ●     | United Kingdom | 480    |
| Lee           | Ting Rui              | ●     | Malaysia       | 479    |
| Yen-Hung      | Lo                    | ●     | Chinese Taipei | 479    |
| Sandro Manuel | Pessoa                | ●     | Portugal       | 476    |
| Abdullah      | Noufal                | ●     | Saudi Arabia   | 468    |
| Hirofumi      | Nakamura              | ●     | Japan          | 462    |
| Joan Ho       | Lim                   | ●     | Korea          | 461    |

**Skill No. 40: Graphic Design Technology / Grafiker / Arts graphiques**

| First Name            | Last Name              | Award | Country        | Result |
|-----------------------|------------------------|-------|----------------|--------|
| Caroline              | Faucher                | ●     | Canada         | 545    |
| Eirik                 | Høyme Rogn             | ●     | Norway         | 537    |
| Renate                | Langenhuijzen          | ●     | Netherlands    | 534    |
| Petra                 | Niemi                  | ●     | Finland        | 524    |
| Michael               | Shankster              | ●     | Australia      | 523    |
| Clément               | TROUILLAS              | ●     | France         | 519    |
| Isabella              | Friedmann              | ●     | Austria        | 516    |
| Florence              | Labar                  | ●     | Belgium        | 512    |
| Jung Hak              | Kim                    | ●     | Korea          | 506    |
| Natsuko               | Yoshida                | ●     | Japan          | 499    |
| Rodrigo               | Ciola Solsona da Silva | ●     | Brazil         | 497    |
| Xia                   | Huimin                 | ●     | Singapore      | 496    |
| Sean                  | Kearney                | ●     | Ireland        | 485    |
| Karly Ka Wai          | So                     | ●     | Hong Kong      | 481    |
| Muhammad Fadhli Kamil | bin Ahmad Fauzi        | ●     | Malaysia       | 479    |
| Ching-Ming            | Wang                   | ●     | Chinese Taipei | 474    |
| Farid                 | Zaryab                 | ●     | Iran           | 442    |
| Abdulsalam            | AlAmri                 | ●     | Saudi Arabia   | 432    |

**Skill No. 43: Telecommunication Distribution Technology / Telekommunikationssystemtechnik / Technologie de distribution des télécommunications**

| First Name  | Last Name         | Award | Country     | Result |
|-------------|-------------------|-------|-------------|--------|
| Daisuke     | Kominato          | ●     | Japan       | 530    |
| Sang Gyu    | Kim               | ●     | Korea       | 520    |
| Christoffer | Lundberg          | ●     | Sweden      | 518    |
| Stian       | Lindberg Mathisen | ●     | Norway      | 510    |
| Olli        | Laihin            | ●     | Finland     | 477    |
| René        | Vis               | ●     | Netherlands | 444    |

**Skill No. 44: Printing / Drucktechnik / Imprimerie**

| First Name   | Last Name       | Award | Country     | Result |
|--------------|-----------------|-------|-------------|--------|
| Jordan       | Poulain         | ●     | Belgium     | 539    |
| Benjamin     | Balasunderam    | ●     | Germany     | 524    |
| Stefan       | Durrer          | ●     | Switzerland | 521    |
| Henna-Riikka | Ahlgrén         | ●     | Finland     | 507    |
| Jakob Emil   | Gjerstad Hjelme | ●     | Norway      | 488    |
| Peter        | van Kaam        | ●     | Netherlands | 478    |
| Patrik       | Sahlander       | ●     | Sweden      | 444    |

**Skill No. 46: Sheet-Construction Steelwork / Stahlbauschlosser / Construction en acier**

| First Name | Last Name | Award | Country        | Result |
|------------|-----------|-------|----------------|--------|
| Shang-Pang | Yu        | ●     | Chinese Taipei | 533    |
| Kil Su     | Jang      | ●     | Korea          | 528    |
| Daniel     | Blum      | ●     | Switzerland    | 527    |



|           |           |   |             |     |
|-----------|-----------|---|-------------|-----|
| Dave      | Tutelaers | ● | Netherlands | 517 |
| Arnaud    | BARLET    | ● | France      | 512 |
| Robert    | Stapleton | ● | Ireland     | 506 |
| Yu        | Saito     | ● | Japan       | 506 |
| Jarno     | Raitanen  | ● | Finland     | 469 |
| Sebastian | Feiler    | ● | Germany     | 453 |
| Damian    | McKay     | ● | New Zealand | 448 |

**Skill No. 47: Tinsmith (Roofing) / Spengler (Dacheindeckung) / Ferblantier (toiture)**

| First Name | Last Name    | Award | Country            | Result |
|------------|--------------|-------|--------------------|--------|
| Gilles     | Kehrli       | ●     | Switzerland        | 533    |
| Joachim    | Trientbacher | ●     | South Tyrol, Italy | 522    |
| Mathias    | Svensson     | ●     | Sweden             | 516    |
| Lelièvre   | Aurélien     | ●     | France             | 504    |
| Janne      | Leppanen     | ●     | Finland            | 480    |
| Remco      | Lankhorst    | ●     | Netherlands        | 444    |

**Skill No. 48: Transport Technology / Transporttechnologie / Technologies du transport**

| First Name      | Last Name        | Award | Country            | Result |
|-----------------|------------------|-------|--------------------|--------|
| Pekka           | Anto             | ●     | Finland            | 549    |
| Jouni           | Ojanpera         | ●     | Finland            | 549    |
| Nicklas         | Hallgren         | ●     | Sweden             | 505    |
| Daniel          | Johansson        | ●     | Sweden             | 505    |
| Mikael          | Bendiksen Hansen | ●     | Denmark            | 504    |
| Kenneth Winther | Poulsen          | ●     | Denmark            | 504    |
| Benjamin        | Hutter           | ●     | South Tyrol, Italy | 499    |
| Roland          | Mair             | ●     | South Tyrol, Italy | 497    |
| Henning         | Juklestad        | ●     | Norway             | 497    |
| Tore            | Stubberud        | ●     | Norway             | 446    |
| Remco           | Breuer           | ●     | Netherlands        | 446    |
| Vincent         | Stel             | ●     | Netherlands        | 446    |



**ANNEX 1 B**

Final results by nations / Rangliste nach Nationen / Résultats par nations

| Position<br>Medal<br>Points | Member<br>Score | Total<br>Competi-<br>tors | Average<br>Score | Number of<br>Competi-<br>tors | GOLD | SILVER | BRONZE | Medallion |
|-----------------------------|-----------------|---------------------------|------------------|-------------------------------|------|--------|--------|-----------|
| 1                           | CH              | 63                        | 519.18           | 34                            | 5    | 7      | 6      | 10        |
| 2                           | KR              | 61                        | 520.20           | 35                            | 3    | 8      | 5      | 15        |
| 3                           | DE              | 43                        | 516.08           | 25                            | 4    | 4      | 2      | 11        |
| 4                           | FI              | 42                        | 501.77           | 39                            | 4    | 1      | 3      | 17        |
| 5                           | IT              | 37                        | 519.61           | 18                            | 5    | 1      | 5      | 4         |
| 6                           | JP              | 34                        | 501.63           | 32                            | 5    | 1      | 2      | 7         |
| 7                           | AT              | 33                        | 511.54           | 24                            | 3    | 2      | 1      | 13        |
| 8                           | TW              | 28                        | 501.26           | 31                            | 1    | 2      | 4      | 10        |
| 9                           | IE              | 26                        | 509.60           | 20                            | 3    | 1      | 1      | 9         |
| 9                           | AU              | 26                        | 507.29           | 21                            | 3    | 0      | 2      | 10        |
| 9                           | FR              | 26                        | 500.47           | 34                            | 2    | 1      | 2      | 11        |
| 12                          | CA              | 24                        | 499.46           | 26                            | 2    | 2      | 1      | 8         |
| 12                          | SE              | 24                        | 495.09           | 23                            | 1    | 3      | 1      | 9         |
| 14                          | NL              | 20                        | 491.53           | 30                            | 0    | 2      | 1      | 12        |
| 15                          | BR              | 18                        | 509.88           | 16                            | 0    | 2      | 3      | 6         |
| 16                          | UK              | 17                        | 504.63           | 16                            | 1    | 2      | 0      | 7         |
| 17                          | TH              | 15                        | 505.50           | 14                            | 1    | 1      | 1      | 6         |
| 18                          | SG              | 13                        | 514.60           | 10                            | 2    | 0      | 1      | 3         |
| 19                          | NO              | 12                        | 486.90           | 20                            | 1    | 1      | 0      | 5         |
| 20                          | BE              | 10                        | 488.33           | 12                            | 1    | 0      | 1      | 4         |
| 21                          | DK              | 9                         | 501.56           | 9                             | 0    | 2      | 0      | 3         |
| 22                          | LI              | 8                         | 507.17           | 6                             | 1    | 0      | 1      | 2         |
| 22                          | NZ              | 8                         | 492.31           | 13                            | 0    | 1      | 0      | 5         |
| 24                          | HK              | 6                         | 475.38           | 13                            | 1    | 0      | 0      | 2         |
| 25                          | PT              | 5                         | 482.41           | 17                            | 0    | 0      | 0      | 5         |
| 26                          | IR              | 4                         | 479.00           | 15                            | 0    | 0      | 0      | 4         |
| 27                          | LU              | 3                         | 492.40           | 5                             | 0    | 0      | 0      | 3         |
| 27                          | MO              | 3                         | 476.50           | 8                             | 0    | 0      | 1      | 1         |
| 29                          | MY              | 2                         | 484.67           | 9                             | 0    | 0      | 0      | 2         |
| 29                          | US              | 2                         | 484.50           | 6                             | 0    | 0      | 0      | 2         |
| 31                          | SA              | 1                         | 477.00           | 4                             | 0    | 0      | 0      | 1         |
| 31                          | MA              | 1                         | 473.50           | 2                             | 0    | 0      | 0      | 1         |
| 31                          | TN              | 1                         | 468.00           | 5                             | 0    | 0      | 0      | 1         |
| 34                          | ZA              | 0                         | 463.00           | 4                             | 0    | 0      | 0      | 0         |
| 34                          | ID              | 0                         | 455.50           | 4                             | 0    | 0      | 0      | 0         |
| 34                          | JM              | 0                         | 444.75           | 4                             | 0    | 0      | 0      | 0         |
| 34                          | AE              | 0                         | 429.00           | 4                             | 0    | 0      | 0      | 0         |

**ANNEX 1 C**

The best of the best, award of Albert Vidal special prize

Albert Vidal Preis für die höchste Punktzahl

Le Meilleur, Prix spécial Albert Vidal

| Name                           | Member | Skill                      | Points | Award  |
|--------------------------------|--------|----------------------------|--------|--------|
| Mei Qi,<br>Viridis Liew        | SG     | 39 IT PC/Network Support   | 571    | GOLD   |
| Min Ming Lo                    | SG     | 09 T/Software Applications | 567    | GOLD   |
| Endo Yuji,<br>Hirata Akihiko   | JP     | 04 Mechatronics            | 565    | GOLD   |
| Vanderlist Menno               | CA     | 39 IT PC/Network Support   | 564    | SILVER |
| Wasson Ross                    | IE     | 33 Automobile Technology   | 561    | GOLD   |
| Koskinen Henri                 | FI     | 15 Plumbing                | 561    | GOLD   |
| Onuki Kazutoshi                | JP     | 05 Mech. Eng.CADD          | 558    | GOLD   |
| Blair Andrew                   | UK     | 13 Autobody Repair         | 557    | GOLD   |
| Kim Hong Kyeong                | KR     | 31 Ladies' Dressmaking     | 553    | GOLD   |
| Yu Chang Wan                   | KR     | 13 Autobody Repair         | 552    | SILVER |
| Gonçalves José João            | CH     | 36 Car Painting            | 552    | GOLD   |
| Frank Rene                     | DE     | 34 Cooking                 | 551    | GOLD   |
| Feuz Sascha                    | CH     | 16 Industrial Electronics  | 550    | GOLD   |
| Kob Stefan                     | AT     | 35 Restaurant Service      | 549    | GOLD   |
| Anto Pekka,<br>Ojanperä Jouni  | FI     | 48 Transport Technology    | 549    | SILVER |
| Achtnich Timon,<br>Ruf Raphael | CH     | 04 Mechatronics            | 549    | GOLD   |
| Kulppi Birgitta                | FI     | 28 Floristry               | 548    | SILVER |
| Kostka Stefan,<br>Veil Andreas | DE     | 04 Mechatronics            | 548    | SILVER |
| Kogelmann Markus               | AT     | 33 Automobile Technology   | 548    | GOLD   |
| Leacy Sinead                   | IE     | 35 Restaurant Service      | 547    | GOLD   |



## ANNEX 2

### Personnel of WorldSkills 2005 Helsinki and Skills Finland Mitarbeiter von WorldSkills 2005 Helsinki und Skills Finland Personnel de WorldSkills 2005 Helsinki et de Skills Finland

| Management                                                                              | Leitung                                                                            | Direction                                                                                  |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Mr Timo Lankinen</b>                                                                 |                                                                                    |                                                                                            |
| President of the Executive Board and Executive Committee, WorldSkills Official Delegate | Vorsitzender des Vorstands und Präsidiums, Offizieller Delegierter von WorldSkills | Président du Conseil d'Administration et du Conseil Exécutif, Délégué Officiel WorldSkills |
| <b>Mr Veijo Hintsanen</b>                                                               |                                                                                    |                                                                                            |
| Member of Executive Board and Executive Committee, WorldSkills Technical Delegate       | Mitglied des Vorstands und Präsidiums, Technischer Delegierter von WorldSkills     | Membre du Conseil d'Administration et du Conseil Exécutif, Délégué Technique WorldSkills   |
| <b>Mrs Eija Alhojärvi</b>                                                               |                                                                                    |                                                                                            |
| Executive Director, WSC 2005 Secretary General                                          | Geschäftsführerin, Generalsekretärin der WSC 2005                                  | Directrice Exécutive, Secrétaire Générale de WSC 2005 Helsinki                             |
| <b>Mrs Maria Atzmon</b>                                                                 |                                                                                    |                                                                                            |
| Executive Assistant                                                                     | Assistentin der Geschäftsführung                                                   | Assistante de Direction                                                                    |
| <b>Ms Taru Väärti</b>                                                                   |                                                                                    |                                                                                            |
| Executive Assistant                                                                     | Assistentin der Geschäftsführung                                                   | Assistante de Direction                                                                    |
| Competition Preparation and Management                                                  | Wettbewerbsvorbereitungen                                                          | Préparatifs de la compétition                                                              |
| <b>Mr Hannu Immonen</b>                                                                 |                                                                                    |                                                                                            |
| Technical Manager, WSC 2005 Vice Secretary General                                      | Technischer Leiter, WSC 2005 stellv. Generalsekretär                               | Chef technique, Secrétaire principal adjoint WSC 2005                                      |
| <b>Mr Tommi Heikkilä</b>                                                                |                                                                                    |                                                                                            |
| Technical Assistant                                                                     | Technischer Assistent                                                              | Assistant technique                                                                        |
| <b>Mr Jussi Karlsson</b>                                                                |                                                                                    |                                                                                            |
| Logistics Manager                                                                       | Logistikleiter                                                                     | Chef logistique                                                                            |
| <b>Mr Erkki Mäkelä</b>                                                                  |                                                                                    |                                                                                            |
| Construction Coordinator                                                                | Koordinator Konstruktionen                                                         | Coordinateur Construction                                                                  |
| <b>Mr Heikki Kokkonen</b>                                                               |                                                                                    |                                                                                            |
| CAD Coordinator                                                                         | CAD-Koordinator                                                                    | Coordinateur CDAO                                                                          |
| <b>Mr Immo Pylvänen</b>                                                                 |                                                                                    |                                                                                            |
| HEPAC Coordinator                                                                       | Koordinator Heizungs-, Lüftungs-, Sanitärtechnik                                   | Coordinateur de HVAC                                                                       |
| <b>Mr Jorma Sihvonen</b>                                                                |                                                                                    |                                                                                            |
| Security Manager                                                                        | Sicherheitsleiter                                                                  | Chef sécurité                                                                              |
| <b>Mrs Riikka Ruotsala</b>                                                              |                                                                                    |                                                                                            |
| Project Manager (Occupational Health and Safety Project)                                | Projektleiterin (Projekt Arbeitssicherheit)                                        | Chef de Projet (Projet de Santé et de Sécurité Professionnelles)                           |



|                                                         |                                                                  |                                                                      |
|---------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Mrs Laura Laakkonen</b>                              |                                                                  |                                                                      |
| Project Worker (Occupational Health and Safety Project) | Projektmitarbeiterin (Projekt Arbeitssicherheit)                 | Employée de Projet (Projet de Santé et de Sécurité Professionnelles) |
| <b>Mr Jusa Virtanen</b>                                 |                                                                  |                                                                      |
| IT Coordinator                                          | IT Koordinator                                                   | Coordinateur TI                                                      |
| <b>Ms Piia Virtanen</b>                                 |                                                                  |                                                                      |
| IT Coordinator                                          | IT Koordinator                                                   | Coordinateur TI                                                      |
| Events and Accommodation                                | Veranstaltungen und Unterkünfte                                  | Événements et Hébergement                                            |
| <b>Ms Sirpa Nuutinen</b>                                |                                                                  |                                                                      |
| Event Manager                                           | Veranstaltungsleiterin                                           | Directrice des Événements                                            |
| <b>Ms Pipsa Kirjavainen</b>                             |                                                                  |                                                                      |
| Event Assistant                                         | Veranstaltungsassistentin                                        | Assistante Événements                                                |
| <b>Mr Vesa Ruutonen</b>                                 |                                                                  |                                                                      |
| Producer, Opening and Closing Ceremonies                | Produzent, Eröffnungs- und Abschlusszeremonien                   | Producteur, Cérémonie d'ouverture et de clôture                      |
| <b>Mr Lassi Ikäheimo</b>                                |                                                                  |                                                                      |
| Scriptwriter & Director, Opening and Closing Ceremonies | Drehbuchautor und Direktor, Eröffnung und Abschlussveranstaltung | Scénariste et Directeur, Cérémonie d'ouverture et de clôture         |
| <b>Mr Yrjö Iskala</b>                                   |                                                                  |                                                                      |
| Manager, Transportation                                 | Transportleiter                                                  | Chef de Transport                                                    |
| <b>Mrs Kirsi Aarnikare</b>                              |                                                                  |                                                                      |
| Official Transportation                                 | Offizielle Transporte                                            | Transport officielle                                                 |
| <b>Mr Jarmo Lehto</b>                                   |                                                                  |                                                                      |
| VIP Transportation                                      | VIP-Transporte                                                   | Transport VIP                                                        |
| <b>Mrs Riitta Pystynen</b>                              |                                                                  |                                                                      |
| Accommodation                                           | Unterkünfte                                                      | Hébergement                                                          |
| <b>Mrs Päivi Määttä</b>                                 |                                                                  |                                                                      |
| Accommodation                                           | Unterkünfte                                                      | Hébergement                                                          |
| <b>Mrs Tarja Hämäläinen</b>                             |                                                                  |                                                                      |
| Project Manager, Official Excursions                    | Projektleiterin, Offizielle Führungen                            | Chef de Projet, Excursions Officielles                               |
| <b>Mrs Ritva Tuomi-Rautiainen</b>                       |                                                                  |                                                                      |
| Project Manager, Guides                                 | Projektleiterin, Führungen                                       | Chef de Projet, Guides                                               |
| <b>Ms Kati Lundgren</b>                                 |                                                                  |                                                                      |
| Global Skills Village Coordinator                       | Koordinatorin Global Skills Village                              | Coordinateur Global Skills Village                                   |
| Communications and Marketing                            | Kommunikation und Marketing                                      | Communication et Marketing                                           |
| <b>Mr Markku Lahtinen</b>                               |                                                                  |                                                                      |
| Communications Manager                                  | Kommunikationsleiter                                             | Directeur de la Communication                                        |
| <b>Mrs Tiina Meklin</b>                                 |                                                                  |                                                                      |
| Information Officer                                     | Sprecherin                                                       | Directrice de l'Information                                          |

|                                                                 |                                                |                                                      |
|-----------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|
| <b>Mr Matti Kauppinen</b>                                       |                                                |                                                      |
| School Coordinator                                              | Schulkoodinator                                | Coordinateur des écoles                              |
| <b>Mrs Elina Salaja</b>                                         |                                                |                                                      |
| Communications Assistant                                        | Kommunikationsassistentin                      | Assistante de Communication                          |
| <b>Mr Pertti Knuuttila</b>                                      |                                                |                                                      |
| Executive Director, Advertising Agency                          | Geschäftsführer, Werbebüro                     | Directeur Exécutif, Agence de publicité              |
| <b>Mr Tommi Mannila</b>                                         |                                                |                                                      |
| Marketing Director, Licence Products                            | Marketingdirektor, Offizielle Lizenzprodukte   | Directeur Marketing, Produits officiels sous licence |
| <b>Mr Ari Lehto</b>                                             |                                                |                                                      |
| Project Manager, Competition TV                                 | Projektleiter, Wettbewerbsfernsehen            | Chef de Projet, TV du Concours                       |
| <b>Mrs Tiina Hiekkaranta</b>                                    |                                                |                                                      |
| Producer, Competition TV                                        | Produzentin, Wettbewerbsfernsehen              | Producteur, TV du Concours                           |
| <b>Mrs Ritva Sopanen</b>                                        |                                                |                                                      |
| Project Manager, Study Paths                                    | Projektleiterin, Lernpfade                     | Chef de Projet, Parcours Educatifs                   |
| <b>Mrs Jukka Lerkkanen</b>                                      |                                                |                                                      |
| Study Paths                                                     | Lernpfade                                      | Parcours Educatifs                                   |
| <b>Finance and Sponsoring</b>                                   | <b>Finanzen und Unternehmenszusammenarbeit</b> | <b>Finances et Sponsoring</b>                        |
| <b>Mr Henri Nordenswan</b>                                      |                                                |                                                      |
| Chief Financial Officer                                         | Hauptfinanzleiter                              | Directeur Financier                                  |
| <b>Mr Tero Kumpulainen</b>                                      |                                                |                                                      |
| Coordinator of Official and Supplier Sponsoring, Infront Nordic | Koordinator für Sponsoring, Infront Nordic     | Coordinateur de Sponsoring, Infront Nordic           |
| <b>Mrs Salla Mäkelä</b>                                         |                                                |                                                      |
| Coordinator of Official and Supplier Sponsoring, Infront Nordic | Sponsoring Koordinator, Infront Nordic         | Coordinateur de Sponsoring, Infront Nordic           |
| <b>Other Personnel</b>                                          | <b>Sonstiges Personal</b>                      | <b>Autre Personnel</b>                               |
| <b>Mr Janne Kosonen</b>                                         |                                                |                                                      |
| Trainee                                                         | Praktikant                                     | Stagiaire                                            |
| <b>Mr Heikki Pohjonen</b>                                       |                                                |                                                      |
| Trainee                                                         | Praktikant                                     | Stagiaire                                            |
| <b>Mrs Päivi Ahlgren</b>                                        |                                                |                                                      |
| Trainee                                                         | Praktikantin                                   | Stagiaire                                            |

## ANNEX 3

### Programme / English

[illegible]

[illegible]

| 0830     | 0900                                                                                                                                     | 1000 | 1100     | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 |
|----------|------------------------------------------------------------------------------------------------------------------------------------------|------|----------|------|------|------|------|------|------|------|------|------|------|
| Thursday |                                                                                                                                          |      |          |      |      |      |      |      |      |      |      |      |      |
| 26 05 05 |                                                                                                                                          |      |          |      |      |      |      |      |      |      |      |      |      |
|          | Competition (Instruction 0900 – 1000, competition 1000 – 1700)CS                                                                         |      |          |      |      |      |      |      |      |      |      |      |      |
|          | Team Leader<br>mg/RH                                                                                                                     |      | JP mg/RH |      |      |      |      |      |      |      |      |      |      |
|          | Ghosel Jallis Village/G1 (opening ceremony at 1200)<br>Woodcombe, Leathers Forum (0830-1000CS, 1100CS, 1300-1500CS, 1700CS, 1900-2100CS) |      |          |      |      |      |      |      |      |      |      |      |      |

[illegible]

|                   |                                                                        |      |      |              |      |      |                                |      |      |      |      |               |      |      |  |
|-------------------|------------------------------------------------------------------------|------|------|--------------|------|------|--------------------------------|------|------|------|------|---------------|------|------|--|
|                   | 0900                                                                   | 0910 | 1000 | 1100         | 1200 | 1300 | 1400                           | 1500 | 1600 | 1700 | 1800 | 1900          | 2000 | 2100 |  |
|                   | Competition/CS                                                         |      |      |              |      |      |                                |      |      |      |      | Assessment/CS |      |      |  |
|                   | 2007 Technical Descriptions and Test Project selection for WSC 2007/CS |      |      |              |      |      |                                |      |      |      |      |               |      |      |  |
| saturday<br>05 05 | Team Leader<br>mtg/RH                                                  |      |      | JP<br>mtg/RH |      |      | Member organisation meeting/RH |      |      |      |      |               |      |      |  |

[illegible]

|                    |                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                    | 0800                                                                                                                  | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 |
| Monday<br>30.05.05 | <b>Assessment/BS, CS</b>                                                                                              |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                    | 2007 Technical Descriptions, Test Project selection, Elections of CE and DCE for WSC 2007, QAMS Questionnaires/BS, CS |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                    | Excursion day for Competitors and Team Leaders                                                                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                    | Youth and Work 2005 Symposium in Hanasaart                                                                            |      |      |      |      |      |      |      |      |      |      |      |      |      |

|                        |               | 0800                                   | 0900 | 1000 | 1100                           | 1200 | 1300 | 1400                               | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 |  |
|------------------------|---------------|----------------------------------------|------|------|--------------------------------|------|------|------------------------------------|------|------|------|------|------|------|------|--|
| Wednesday              |               |                                        |      |      |                                |      |      |                                    |      |      |      |      |      |      |      |  |
| Results and Ceremonies |               |                                        |      |      |                                |      |      |                                    |      |      |      |      |      |      |      |  |
| 01.06.05               | TC meeting/RH |                                        |      |      | General Assembly<br>Meeting/RH |      |      | Team Leader mtg &<br>Q&A/SIRH → IH |      |      |      |      |      |      |      |  |
|                        |               | Closing Ceremony and Farewell Party/IH |      |      |                                |      |      |                                    |      |      |      |      |      |      |      |  |

| Thursday  |  | 0800            | 0900 | 1000 | 1100 | 1200                         | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 |
|-----------|--|-----------------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| Departure |  |                 |      |      |      |                              |      |      |      |      |      |      |      |      |      |
| 02.08.05  |  | EEB meeting/WSC |      |      |      | Thanksgiving Reception & WSC |      |      |      |      |      |      |      |      |      |

## Glossary

C = Competitor  
CE = Chief Expert  
CIS = Competition Information System  
DCE = Deputy Chief Expert  
E = Expert  
EB = Executive Board  
GA = General Assembly  
JP = Jury President  
OD = Official Delegate  
SC = Strategy Committee  
TC = Technical Committee  
TD = Technical Delegate  
TL = Team Leader  
QA = Quality Assurance

### Legend of room allocation

Legend:

- RH = Round Hall
- BR = Ball Room
- C2 = Conference Room 2
- BS = Business School
- WS = WorldSkills Office
- CS = Competition Site
- C1 = Conference Room 1
- IH = Ice Hall

### Time allocation

**Time allocation**  
Lunch time 1100 – 1400 daily  
Happy Hour – refer program

**Notes:**

**Notes:**  
Press Centre open daily  
(24.05.2005–01.06.2005)  
from 0900–1800

|                        |                                                                                                                                    |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|----------------------|-------------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------|----------------------------------------------------------|-------|---------------------------|-------|-------|-------|
| Donnerstag<br>19.05.05 | 08.00                                                                                                                              | 09.00                    | 10.00                | 11.00                | 12.00                                           | 13.00                                      | 14.00                                      | 15.00                         | 16.00                                                    | 17.00 | 18.00                     | 19.00 | 20.00 | 21.00 |
|                        | Ankunft 1 – TD, E (Technische Delegierte, Experten)                                                                                |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
| Freitag<br>20.05.05    | 08.00                                                                                                                              | 09.00                    | 10.00                | 11.00                | 12.00                                           | 13.00                                      | 14.00                                      | 15.00                         | 16.00                                                    | 17.00 | 18.00                     | 19.00 | 20.00 | 21.00 |
|                        | TK<br>Sitzung<br>/RH                                                                                                               | JP, CE, SLCE Schulung/RH |                      |                      | JP, CE & SLCE Arbeit an Management<br>Planen/BS |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Technischer Ausflug für Experten                                                                                                   |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        |                                                                                                                                    |                          |                      |                      |                                                 |                                            |                                            | Schulung für<br>Übersetzer/RH |                                                          |       |                           |       |       |       |
| Samstag<br>21.05.05    | 08.00                                                                                                                              | 09.00                    | 10.00                | 11.00                | 12.00                                           | 13.00                                      | 14.00                                      | 15.00                         | 16.00                                                    | 17.00 | 18.00                     | 19.00 | 20.00 | 21.00 |
|                        | Expertenschulung (3 Gruppen)/RH, BR, C2                                                                                            |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Managementpläne werden dem<br>Vorsitzenden oder Vize-Vors. des TK<br>unterbreitet                                                  |                          |                      |                      | Sitzung<br>der<br>JP/RH                         |                                            | Technische Schulung<br>für Experten/BS     |                               | 2005 Test Project<br>Vorbereitung/BS                     |       |                           |       |       |       |
|                        |                                                                                                                                    |                          |                      |                      | Sitzung<br>Qualitätssicherung/WS                |                                            |                                            |                               |                                                          |       |                           |       |       |       |
| Sonntag<br>22.05.05    | 08.00                                                                                                                              | 09.00                    | 10.00                | 11.00                | 12.00                                           | 13.00                                      | 14.00                                      | 15.00                         | 16.00                                                    | 17.00 | 18.00                     | 19.00 | 20.00 | 21.00 |
|                        | Ankunft 2 – OD, MF, W, OB, B (Offizielle Delegierte, Mannschaftsführer, Wettbewerbsteilnehmer, Offizielle Beobachter & Beobachter) |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | 2005 Testprojekt Vorbereitung und Organisation der Arbeit der Experten anhand des verabschiedeten<br>Managementplans/BS            |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        |                                                                                                                                    |                          |                      |                      | Sitzung<br>der<br>JP/RH                         |                                            | Sitzung der SLCE<br>(Techn. Beschreib./RH) |                               |                                                          |       |                           |       |       |       |
| Montag<br>23.05.05     | 08.00                                                                                                                              | 09.00                    | 10.00                | 11.00                | 12.00                                           | 13.00                                      | 14.00                                      | 15.00                         | 16.00                                                    | 17.00 | 18.00                     | 19.00 | 20.00 | 21.00 |
|                        | Testprojekte 2005 / Detaillierte Bewertungspläne, Kontrolle der 30% Änderungen und Übersetzungen/CS                                |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Sitzung Techn. Komitee/RH                                                                                                          |                          | Sitzung<br>der JP/RH |                      | Sitzung<br>der JP/RH                            |                                            | Sitzung Präsidium WS                       |                               | Besichtigung und Begrüßungsempfang<br>(W, MF, OD, OO, O) |       |                           |       |       |       |
| Dienstag<br>24.05.05   | 08.00                                                                                                                              | 09.00                    | 10.00                | 11.00                | 12.00                                           | 13.00                                      | 14.00                                      | 15.00                         | 16.00                                                    | 17.00 | 18.00                     | 19.00 | 20.00 | 21.00 |
|                        | Technische Beschreibungen und Testprojekte für 2007, Andere Aspekte des Managementplans/CS                                         |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Schulung der<br>Mannschaftsführer/RH → JH                                                                                          |                          |                      | Sitzung<br>der JP/RH |                                                 | Inspektion der<br>Wettbewerbsleistungen/CS |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Eingewöhnung und Vorbereitung an den Arbeitsplätzen, Arbeitsschutzbestimmungen, Integritätsklärung/CS                              |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Sitzung des Strategiekomitees<br>RH (08.30-10.00) WS (10.00-12.30)                                                                 |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       |                           |       |       |       |
|                        | Sitzung des Strategiekomitees/RH                                                                                                   |                          |                      |                      |                                                 |                                            |                                            |                               |                                                          |       | Sitzung des Präsidiums/WS |       |       |       |

|                        | 08.00 | 09.00                                                                                                 | 10.00 | 11.00 | 12.00 | 13.00             | 14.00 | 15.00                                   | 16.00 | 17.00                            | 18.00 | 19.00 | 20.00 | 21.00 |  |
|------------------------|-------|-------------------------------------------------------------------------------------------------------|-------|-------|-------|-------------------|-------|-----------------------------------------|-------|----------------------------------|-------|-------|-------|-------|--|
| Mittwoch<br>25.05.05   |       | Eingewöhnung und Fairness & Transparenz Checkliste/CS                                                 |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | Sitzung QS/WS                                                                                         |       |       |       | Schulung MF/RH    |       | Sitzung der JP/RH                       |       | Eröffnungsfest in der Eishalle/H |       |       |       |       |  |
|                        |       | WorldSkills Leaders Forum/CS                                                                          |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | Gemeinschaftsversammlung RH                                                                           |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
| Donnerstag<br>26.05.05 | 08.00 | 09.00                                                                                                 | 10.00 | 11.00 | 12.00 | 13.00             | 14.00 | 15.00                                   | 16.00 | 17.00                            | 18.00 | 19.00 | 20.00 | 21.00 |  |
|                        |       | Wettbewerb (Anweisungen 09.00 – 10.00, Wettbewerb 10.00 – 17.00) CS                                   |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | Sitzung MF/RH                                                                                         |       |       |       | Sitzung der JP/RH |       | Bewertungen ICS                         |       |                                  |       |       |       |       |  |
|                        |       | Global Skills Dorf/C1 (Eröffnungsfest um 12.00)                                                       |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | WorldSkills Leaders Forum (08.30 – 10.00) C2, 10.00 – 11.00) C3, 11.00 – 13.00) C1, 13.00 – 15.00) C2 |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
| Freitag<br>27.05.05    | 08.00 | 09.00                                                                                                 | 10.00 | 11.00 | 12.00 | 13.00             | 14.00 | 15.00                                   | 16.00 | 17.00                            | 18.00 | 19.00 | 20.00 | 21.00 |  |
|                        |       | Wettbewerb/CS                                                                                         |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | 2007 Technische Beschreibungen und Testprojekte für WSC 2007/CS                                       |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | Sitzung der MF/RH                                                                                     |       |       |       | CD Eröffnung      |       | Sitzung der JP/RH                       |       | Bewertungen/CS                   |       |       |       |       |  |
|                        |       | Global Skills Dorf/C1                                                                                 |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
| Samstag<br>28.05.05    | 08.00 | 09.00                                                                                                 | 10.00 | 11.00 | 12.00 | 13.00             | 14.00 | 15.00                                   | 16.00 | 17.00                            | 18.00 | 19.00 | 20.00 | 21.00 |  |
|                        |       | Wettbewerb/CS                                                                                         |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | 2007 Technische Beschreibungen und Testprojekte für WSC 2007/CS                                       |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | Sitzung der MF/RH                                                                                     |       |       |       | Sitzung der JP/RH |       | Sitzung der Mitgliederorganisationen/RH |       | Bewertungen/CS                   |       |       |       |       |  |
|                        |       | Global Skills Dorf/C1                                                                                 |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
| Sonntag<br>29.05.05    | 08.00 | 09.00                                                                                                 | 10.00 | 11.00 | 12.00 | 13.00             | 14.00 | 15.00                                   | 16.00 | 17.00                            | 18.00 | 19.00 | 20.00 | 21.00 |  |
|                        |       | Wettbewerb/CS                                                                                         |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | 2007 Technische Beschreibungen und Testprojekte für WSC 2007/CS                                       |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |
|                        |       | Sitzung der MF/RH                                                                                     |       |       |       | Sitzung der JP/RH |       | Sitzung QS/WS                           |       | Packen der Werkzeugkisten        |       |       |       |       |  |
|                        |       | Global Skills Dorf/C1                                                                                 |       |       |       |                   |       |                                         |       |                                  |       |       |       |       |  |

[illegible]

## Glossar

CE = Chefspezialisten  
CIS = Chefingenieur  
E = Experten  
GV = Generalversand  
JP = Juristen  
MF = Manufaktur  
OD = Offizielle Dienstleistungen

P = Präsidium  
SK = Strategische  
St.CE = Stellvertreter  
TD = Technische  
TK = Technische  
W = Wettbewerb  
QS = Qualitätssicherung  
OO = Official Observer  
O = Observer

omitee  
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r Delegierter  
s Komitee  
rbsteilnehmer  
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oserver

**Raumbelegung**

|    |   |                 |
|----|---|-----------------|
| RH | = | Round Hall      |
| BR | = | Ballsaal        |
| C2 | = | Konferenzraum   |
| BS | = | Business School |
| WS | = | WorldSkills     |
| CS | = | Wettbewerb      |
| C1 | = | Konferenzraum   |
| IH | = | Eishalle        |

**Zeiteinteilung**  
Mittagessen tägl.  
11.00 – 14.00  
Happy Hour –  
Siehe Programm

[illegible]

[illegible][illegible]

Déjeuner tous les jours de 11h00 à 14h00  
« Happy Hour » – voir programme



## ANNEX 4

## Essential official prints and releases

|                                                                                          | Language                                  | Pages       | Size                      |
|------------------------------------------------------------------------------------------|-------------------------------------------|-------------|---------------------------|
| <b>Handbooks and programmes</b>                                                          |                                           |             |                           |
| WSC 2005 Helsinki Handbook                                                               | English, German, French                   | 170         | 100x210mm                 |
| Visitor's Handbill                                                                       | Finnish                                   | 52          | A5                        |
| Opening and Closing Ceremony                                                             | English, German, French                   | 48          |                           |
| Programme of Global Skills Village                                                       | English                                   | 24          |                           |
| Stage Programme of Global Skills Village                                                 | English                                   | 4           |                           |
| Graphical Guidelines for Collaborating Partners                                          | Finnish, English, German, French          | 24          | A4                        |
| Media Service Guide                                                                      | English                                   | 12          |                           |
| WSC 2005 Helsinki Phone Book                                                             | Finnish, English                          | 20          | A5                        |
| <b>Posters</b>                                                                           | Universal                                 |             | 1000x700mm, 500x700mm, A3 |
| <b>Office prints</b>                                                                     |                                           |             |                           |
| Logo Paper Sheet                                                                         | Universal                                 |             | A4                        |
| Logo Envelopes                                                                           | Universal                                 |             | C4, C5                    |
| Logo Notepad                                                                             | Universal                                 |             | A5                        |
| Folders                                                                                  | Universal                                 |             | A4                        |
| <b>Brochures, magazines and reports</b>                                                  |                                           |             |                           |
| WSC 2005 Helsinki General Brochure                                                       | Finnish, Swedish, English, German, French | 4-6         | A4, web-releases          |
| Various marketing brochures (Services for WSO Countries, Accommodation, Excursions etc.) | Finnish, English, German, French          | various     | 210x297mm                 |
| Team Finland Brochure                                                                    | Finnish, Swedish                          | 48          | 100x210mm                 |
| On-Site Skill Category Description leaflets                                              | Finnish, Swedish, English                 | 2           | 75x210mm                  |
| School Cooperation leaflet                                                               | Finnish, Swedish                          | 4 - 6 pages | A4, A5                    |
| Study Path Leaflet (on-site)                                                             | Finnish                                   | 6           | B5                        |
| Scoresheet of Study Path                                                                 | Finnish, Swedish, English                 | 2           | A4                        |
| Multimedia CD ROM on Study Paths                                                         | Finnish                                   |             |                           |
| Final Report (incl. DVD)                                                                 | English, German, French                   | 164         | 125x185mm                 |
| Competition Skills Summary                                                               | Finnish, English (web-version)            | 26          | A4                        |
| <b>Worldskills 2005 Helsinki Newsletter</b>                                              |                                           |             |                           |
| Theme issue 1 (October 2004)                                                             | Finnish, Swedish                          | 16          | A4                        |
| Theme issue 2 (October 2004)                                                             | English, German, French                   | 16          | A4                        |
| Theme Issue 3 (February 2005)                                                            | Finnish, Swedish                          | 16          | A4                        |
| Contact Newsletter                                                                       | English                                   | 4           | A4                        |
| 14 WSC Newsletters published in the web                                                  | Finnish                                   | various     | A4                        |
| <b>Teacher Magazines Supplement (153,000 copies)</b>                                     | Finnish                                   | 16          | A4                        |

In addition to the above, the WorldSkills 2005 Helsinki organisation produced various other items, including advertisements for newspapers and magazines, stickers, promotion items, Web banners, animations, postcards, certificates of honour, and TV and radio commercials.



## ANNEX 4

## Wichtige offizielle Drucke und Veröffentlichungen

|                                                                                                   | Sprachen                                             | Seiten       | Größe                           |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------|---------------------------------|
| <b>Leitfaden und Programmhefte</b>                                                                |                                                      |              |                                 |
| WSC 2005 Helsinki Leitfaden                                                                       | Englisch, Deutsch, Französisch                       | 170          | 100x210mm                       |
| Handzettel für Besucher                                                                           | Finnisch                                             | 52           | A5                              |
| Eröffnungs- und Abschlusszeremonien                                                               | Englisch, Deutsch, Französisch                       | 48           |                                 |
| Programm des Global Skills Village                                                                | Englisch                                             | 24           |                                 |
| Bühnenprogramm des Global Skills Village                                                          | Englisch                                             | 4            |                                 |
| Graphische Richtlinien für Partner                                                                | Finnisch, Englisch, Deutsch, Französisch             | 24           | A4                              |
| Medienführer                                                                                      | Englisch                                             | 12           |                                 |
| WSC 2005 Helsinki Telefonbuch                                                                     | Finnisch, Englisch                                   | 20           | A5                              |
| <b>Plakate</b>                                                                                    | Universal                                            |              | 1000x700mm, 500x700mm, A3       |
| <b>Bürodrucke</b>                                                                                 |                                                      |              |                                 |
| Papierbogen mit Logo                                                                              | Universal                                            |              | A4                              |
| Umschläge mit Logo                                                                                | Universal                                            |              | C4, C5                          |
| Notizblöcke mit Logo                                                                              | Universal                                            |              | A5                              |
| Ordner                                                                                            | Universal                                            |              | A4                              |
| <b>Broschüren, Magazine und Berichte</b>                                                          |                                                      |              |                                 |
| WSC 2005 Helsinki Hauptbroschüre                                                                  | Finnisch, Schwedisch, Englisch, Deutsch, Französisch | 4-6          | A4, Internet-Veröffentlichungen |
| Verschiedene Marketingbroschüren (Leistungen für WSO Mitgliedsländer, Unterkünfte, Ausflüge etc.) | Finnisch, Englisch, Deutsch, Französisch             | verschieden  | 210x297mm                       |
| Team Finland Brochure                                                                             | Finnisch, Schwedisch                                 | 48           | 100x210mm                       |
| Broschüren zu den Wettbewerbsdisziplinen an den Austragungsstätten                                | Finnisch, Schwedisch, Englisch                       | 2            | 75x210mm                        |
| Broschüre Schulzusammenarbeit                                                                     | Finnisch, Schwedisch                                 | 4 - 6 Seiten | A4, A5                          |
| Broschüre Lernpfade (Austragungsstätte)                                                           | Finnisch                                             | 6            | B5                              |
| Lernpfad-Punkteblatt                                                                              | Finnisch, Schwedisch, Englisch                       | 2            | A4                              |
| Multimedia CD ROM zu Lernpfaden                                                                   | Finnisch                                             |              |                                 |
| Abschlussbericht (inkl. DVD)                                                                      | Englisch, Deutsch, Französisch                       | 164          | 125x185mm                       |
| Zusammenfassung der Wettbewerbsdisziplinen                                                        | Finnisch, Englisch (Internetversion)                 | 26           | A4                              |
| <b>Worldskills 2005 Helsinki Mitteilungen</b>                                                     |                                                      |              |                                 |
| Themenausgabe 1 (Oktober 2004)                                                                    | Finnisch, Schwedisch                                 | 16           | A4                              |
| Themenausgabe 2 (Oktober 2004)                                                                    | Englisch, Deutsch, Französisch                       | 16           | A4                              |
| Themenausgabe 3 (Februar 2005)                                                                    | Finnisch, Schwedisch                                 | 4            | A4                              |
| Kontakt-Mitteilung                                                                                | Englisch                                             | verschieden  | A4                              |
| 14 WSC Mitteilungen im Internet veröffentlicht                                                    | Finnisch                                             | 16           | A4                              |
| <b>Lehrermagazin-Beilage (153,000 Exemplare)</b>                                                  |                                                      |              |                                 |

Zu den WorldSkills 2005 Helsinki wurden außerdem Zeitungsanzeigen, Aufkleber, Promotionsartikel, Internet-Banner, Animationen und Postkarten, Urkunden sowie Fernseh- und Radiowerbung erstellt.



## ANNEX 4

## Produits imprimés officiels et communiqués essentiels

|                                                                                                                               | Langue                                       | Pages       | Format                          |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------|---------------------------------|
| <b>Manuels et programmes</b>                                                                                                  |                                              |             |                                 |
| Manuel WSC 2005 Helsinki                                                                                                      | Anglais, allemand, français                  | 170         | 100x210mm                       |
| Prospectus pour visiteurs                                                                                                     | Finois                                       | 52          | A5                              |
| Cérémonie d'Ouverture et de Clôture                                                                                           | Anglais, allemand, français                  | 48          |                                 |
| Programme du Global Skills Village                                                                                            | Anglais                                      | 24          |                                 |
| Programme de la scène du Global Skills Village                                                                                | Anglais                                      | 4           |                                 |
| Directives graphiques pour les partenaires collaborateurs                                                                     | Finois, anglais, allemand, français          | 24          | A4                              |
| Guide du service des médias                                                                                                   | Anglais                                      | 12          |                                 |
| Annuaire téléphonique de WSC 2005 Helsinki                                                                                    | Finois, anglais                              | 20          | A5                              |
| <b>Posters</b>                                                                                                                | Universel                                    |             | 1000x700mm,<br>500x700mm,<br>A3 |
| <b>Imprimés de bureau</b>                                                                                                     |                                              |             |                                 |
| Feuille de papier avec logo                                                                                                   | Universel                                    |             | A4                              |
| Enveloppes avec logo                                                                                                          | Universel                                    |             | C4, C5                          |
| Bloc-notes avec logo                                                                                                          | Universel                                    |             | A5                              |
| Chemises de classement                                                                                                        | Universel                                    |             | A4                              |
| <b>Brochures, magazines et rapports</b>                                                                                       |                                              |             |                                 |
| Brochure générale de WSC 2005 Helsinki                                                                                        | Finois, suédois, anglais, allemand, français | 4-6         | A4, communi-<br>qués web        |
| Différentes brochures de marketing (Informations sur les services pour les pays membres de WSO, hébergement, excursions etc.) | Finois, anglais, allemand, français          | nbre varié  | 210x297mm                       |
| Brochure de l'équipe de Finlande                                                                                              | Finois, suédois                              | 48          | 100x210mm                       |
| Feuille de description des métiers sur les stands                                                                             | Finois, suédois, anglais                     | 2           | 75x210mm                        |
| Feuille sur la coopération des écoles                                                                                         | Finois, suédois                              | 4 - 6 pages | A4, A5                          |
| Feuille de parcours éducatifs (sur le stand)                                                                                  | Finois                                       | 6           | B5                              |
| Feuille de note du parcours éducatif                                                                                          | Finois, suédois, anglais                     | 2           | A4                              |
| CD-ROM Multimédia sur les parcours éducatifs                                                                                  | Finois                                       |             |                                 |
| Rapport final (y compris DVD)                                                                                                 | Anglais, allemand, français                  | 164         | 125x185mm                       |
| Résumé du Concours des métiers                                                                                                | Finois, anglais (version web)                | 26          | A4                              |
| <b>Newsletter de WorldSkills 2005 Helsinki</b>                                                                                |                                              |             |                                 |
| Numéro thématique 1 (Octobre 2004)                                                                                            | Finois, suédois                              | 16          | A4                              |
| Numéro thématique 2 (Octobre 2004)                                                                                            | Anglais, allemand, français                  | 16          | A4                              |
| Numéro thématique 3 (Février 2005)                                                                                            | Finois, suédois                              | 16          | A4                              |
| Newsletter des contacts                                                                                                       | Anglais                                      | 4           | A4                              |
| 14 Newsletters WSC publiées sur le web                                                                                        | Finois                                       | nbre varié  | A4                              |
| <b>Supplément des magazines pour enseignants (153,000 copies)</b>                                                             | Finois                                       | 16          | A4                              |

## ANNEX 5

## Partners and Sponsors / Partner und Sponsoren / Partenaires et Sponsors

SITRA

Skills  
Finland> Ammattiosaajan  
VUOSI 2005  
www.ammattiosaaja.fiFINNISH NATIONAL  
BOARD OF EDUCATIONMINISTRY OF  
EDUCATIONOfficial Sponsors  
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Sponsors officielsFESTO  
trends in automationVOLVO  
for life

Electrolux

Technology  
Industries  
of Finland

Suomen Lehtiyhtymä



## Official Suppliers / Offizielle Lieferanten / Fournisseurs officiels



onninen



FLUKE

RUUKKI  
more with metals

SONY



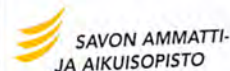
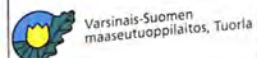
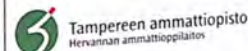
Uponor

XES  
X Engineering Systems XES Oy

Lainapeite



## Skill Organisers/Veranstalter für Berufsgruppen/Organisateurs Skill

FESTO  
trends in automation



Other Suppliers / Sonstige Lieferanten / Autres fournisseurs

|  |  |  |
|--|--|--|
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|  |  |  |

Other Partners / Sonstige partner / Autres partenaires

AMISTO, Porvoon ammattiopisto  
ATEA Finland Oy  
ECOMASS  
EKOKEM  
Espoon kaupunki  
Espoon seudun KKY, Espoon liiketalous-  
instituutti  
Extended DISC Finland  
Helsingin kauppakamari  
Helsingin kaupungin opetusvirasto  
Helsingin kaupunki  
Helsingin liiketalouden ammattikorkeakoulu  
Heureka  
HYY Yhtymä  
Hämeen ammattikorkeakoulu,  
Ammatillinen opettajakorkeakoulu  
Hämeenlinnan seudun koulutuskuntayhtymä  
Jyväskylän ammattikorkeakoulu,  
Ammatillinen opettajakorkeakoulu  
Fastems Oy Ab  
Keski-Uudenmaan ammattikoulutusyhtymä,  
Keravan ammattiopisto  
Korkeasaari  
Merikosken ammatillinen koulutuskeskus  
Mäntsälän ammattiopisto  
Mind Resources Oy

Newtop Oy  
OAJ  
Opettaja-lehti ja  
Mediamyynti Jyrki Ehnqvist Oy  
Opetushallitus  
Oulun seudun ammattiopisto, Pikisaaren yksikkö  
Pekka Halosen akatemia  
Pirkanmaan ammatillisen koulutuksen  
kuntayhtymä, Pirkanmaan taitokeskus  
Pop&Jazz konservatorio  
Päijät-Hämeen koulutuskonserni, Koulutuskeskus  
Salpaus, Lahden kauppaoppilaitos  
  
Sakki ry  
Savonlinnan ammattiopisto  
Sea Life  
Seinäjoen ammattioppilaitoksen  
kuntayhtymä  
Sosiaali- ja terveysministeriö / Veto-ohjelma  
Taloudellinen Tiedotustoimisto  
Teklab Oy  
Työsuojelurahasto  
Työterveyslaitos  
Viestintä Oy Viisikko  
VR osakeyhtiö

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