



# WorldSkills | Annual Report 2019





# President's Message



**The Closing Ceremony for WorldSkills Kazan 2019 was a moment of enormous pride at the achievements of our movement, but also of one of reflection as it marked the official conclusion of my second and final term of office as President.**

Over the past eight years WorldSkills International has gone from strength to strength. In that time, we have welcomed 24 Member countries and regions to our family, taking our number to 82 by the end of 2019. It means that a remarkable two thirds of the world's seven billion people are now represented by our Members.

We have also built on the talents developed and promoted by WorldSkills so that they extend far beyond the confines of Competitions.

The creation of the Champions Trust has given young people a crucial voice in the debate about the future and relevance of vocational training and education and provided inspirational role models for youth everywhere.

With the Experts Faculty, we offer those who have served us so well in past Competitions to continue to share their wisdom and experience in the future development of WorldSkills.

We have increasingly turned our attention to what lies ahead, to prepare for the seismic changes in the world of work and to ensure that our young people are equipped to thrive in this new economic landscape.

It is particularly heartening to see the most recent arrival of Ghana and Uganda as new Members, confirming that a region once under-represented is increasingly taking its place in our great skills family.

To witness these achievements is a reminder of the collective effort that ensures events like WorldSkills Kazan 2019 remain the world's greatest skills competition.

There cannot be thanks enough for the WorldSkills Secretariat, Partners, Delegates, Experts, Competitions Organizers, and especially all the volunteers and stakeholders in our movement. Above all, are the many thousands of young men and women Competitors whose passion and dedication is a humbling reminder of what WorldSkills is all about. It has been a privilege to serve you all.

**Simon Bartley, President of WorldSkills**



# THE WORLD'S GREATEST SKILLS COMPETITION

worldskills  
Korea 2019

SAMSUNG

ROSATOM

RUSSIAN  
HELICOPTERS

SDM

# CEO's Message



**The thousands of young people who attended and witnessed the 45th WorldSkills Competition, the first in Russia, will have seen firsthand the power of vocational skills to transform their lives.**

For this we must thank again WorldSkills Russia, the Republic of Tatarstan, and the WorldSkills Kazan 2019 Organizing Committee, along with the WorldSkills Secretariat, our Experts, Global Partners and the huge team of volunteers who gave so selflessly of their time and energy.

For our hosts this was an impressive demonstration of their intention to make vocational skills and training a core element of their education system.

Equally memorable was WorldSkills Conference 2019, with the theme “Skills for Change: Building Blocks for Impact”. A series of informative and thought-provoking speakers addressed the future challenges of tackling the climate crisis, and building an agile workforce whose young people can successfully adapt to new industries and fast evolving technologies.

As always, at our side were our Global Partners, whose support and shared vision, means we can continue to grow our movement around the world.

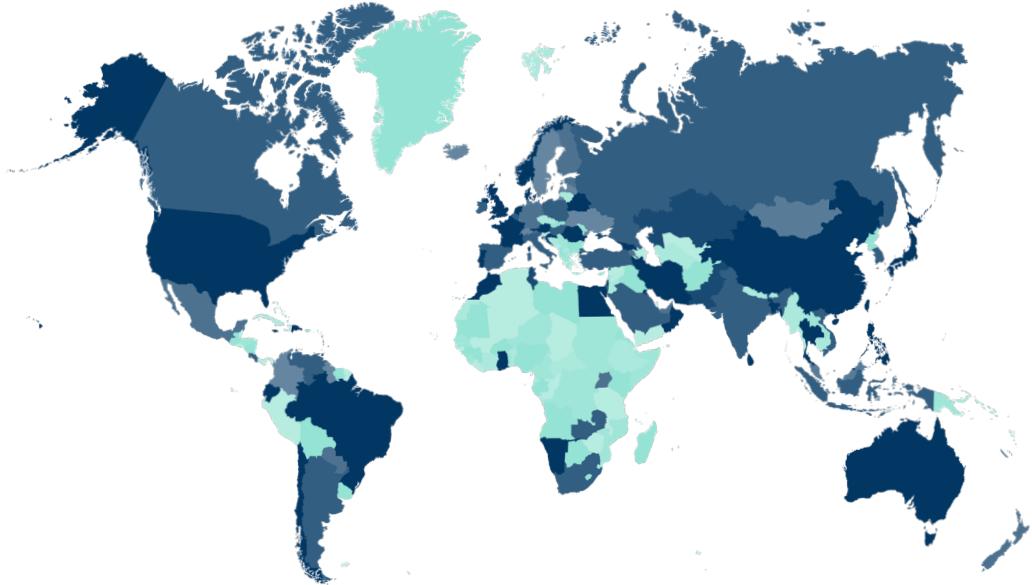
For 2019, we saw SATA, a long supplier to Car Painting, enter a new relationship as a Global Partner.

We also welcomed AWS Educate, whose global education platform based on Amazon’s web services and cloud computing coincided with Cloud Computing introduced as a skill at WorldSkills Kazan 2019.

Finally, I must thank Simon Bartley, a special colleague and friend for many years, who completed his second and final term of office as President at the conclusion of WorldSkills Kazan 2019.

Simon has been unflagging in his support for WorldSkills; a tireless cheerleader for our Members and young people, and the cause of vocational skills and education.

**David Hoey, CEO of WorldSkills International**



## WorldSkills welcomes Ghana and Uganda

Once again, our growing community has expanded further in 2019, to 82 Member countries and regions.

For 2019, we were proud to welcome Ghana and Uganda, whose Membership was unanimously ratified at the WorldSkills General Assembly in Kazan.

It is a remarkable achievement, with the number of countries and regions only passing 50 in 2009, and has more than doubled from the 35 Members who participated in the first WorldSkills Competition of the century in Seoul in 2001.

Ghana was first introduced to WorldSkills at a UNESCO conference in China and made a formal application to join at WorldSkills Abu Dhabi 2017.

With a population of around 30 million, the West African country has roots that go back to the Middle Ages and the 17th Century Ashanti empire.

Like Ghana, Uganda was one of the six pioneering countries who took part in the first WorldSkills Africa Competition in Kigali in 2018, with both countries making plans to send teams to WorldSkills Shanghai 2021.

The country has a population of 42 million, with its median age of 15 recorded as one of the lowest in the world.

Their arrival brings the number of African Members to six, an encouraging sign of the development of vocational training and education in a region that has previously been under represented in our movement.



# WorldSkills Kazan 2019 in numbers





# WorldSkills Kazan 2019

Even a torrential downpour at the height of the Closing Ceremony could not dampen the good spirits and happy memories of **WorldSkills Kazan 2019**.

This was a remarkable event in many ways. The statistics tell some of the story: **1,354 young men and women from 63 Member countries and regions, competing in 56 skills.**

There was also the warmth of the welcome of the people of Kazan, our hosts for the 45th WorldSkills Competition, which was also the first to be held in the Russian Federation.

Russia has made developing and expanding its national VET system a priority, with membership of WorldSkills a key element in introducing international best practice to its training system.

Even before the start of **WorldSkills Kazan 2019**, WorldSkills Russia was embracing the potential of a Competition on home soil, with the event being introduced to school students through the national curriculum.

Then there was the Flag Relay, which sent the WorldSkills Flag to space then on a two-year journey around the world and then across Russia.

Both the Opening and Closing Ceremonies saw enthralled audiences at a packed Kazan Arena stadium, broadcast to millions more, and appearances by the Russian President Vladimir Putin and the Prime Minister Dmitry Medvedev.

The four days of Competition brought large numbers of excited young visitors, with the addition of a Future Skills area which provided a glimpse into the future of work.

For Russia, there was the added success of Anastasiia Kamneva, gold medalist in Chemical Laboratory Technology, bringing home the prestigious **Albert Vidal Award** for the highest points across all skills competitions. Making the presentation was Paloma Vidal, the daughter of Francisco Albert Vidal, the founder of what was to become the WorldSkills movement in Spain in 1950.

Finally, thanks should be given to all those who worked so tirelessly, including WorldSkills Russia, Directorate for Sports and Social Projects in Kazan, the WorldSkills International Secretariat, WorldSkills Experts, our Global Partners and sponsors, and not least the thousands of volunteers whose enthusiasm who made WorldSkills Kazan 2019 a success.







#WorldSkills

worldskills

#WorldSkills



# WorldSkills Conference 2019

WorldSkills Conference 2019 was remarkable not just for its scale and scope, but also the variety of views and opinions aired.

With the theme **Skills for Change: Building Blocks for Impact**, it set the ambitious task of addressing the seismic shifts taking place in the world of work, and the pressing need to create green jobs and skills that will tackle the urgent issue of climate change.

Its success can be gauged by the record number of educators, ministers, government officials, leaders of business and industry, and youth - more than 1,000 in all - who attended the two days of the conference at WorldSkills Kazan 2019 for panel discussions and workshops.

Among the many highlights were sessions with names like Nassim Nicholas Taleb, risk specialist and author of the International best-seller *The Black Swan*, and Russian

cosmonaut, Sergei Krikalev and American astronaut, Scott Kelly.

Lively entertaining debate and large audiences were also assured by the tireless enthusiasm of moderator Lyse Doucet, the BBC's chief international correspondent.

Other contributors included Tatyana Golikova, Deputy Prime Minister of Russia for Social Policy, Russia; Chair of the 45th WorldSkills Competition Organizing Committee.

Along with Dmitry Peskov, Special Representative of the President of the Russian Federation on Digital and Technological development, they provided a Russian perspective on global skills development.

The Conference also brought together the finalists for BeChangeMaker 2019, giving them the chance to demonstrate the creativity of youth as an engine to create a better world by 2050.



# WorldSkills Champions Trust



The representatives on the WorldSkills Champions Trust fully reflect the diversity of skills, nationalities, and backgrounds of our Members

Their stories and examples continue to inspire other young people to discover the power of vocational training and education.

In November, eight new ambassadors of skills were appointed to serve a two-year term and raise the organization's profile and connect with future Champions.

The Champions Trust includes new representatives from Barbados, Brazil, Germany, Morocco, Zambia, Korea, and China, a powerful demonstration of the global reach of WorldSkills International.

It also marked the first time that the skills Jewellery, 3D Digital Game Art, Electronics, and CNC Milling were represented on the Champions Trust.

The new members will join the three continuing members of the Champions Trust from Austria, Hong Kong, China, and New Zealand. They will work together to offer a youth perspective to international VET debates.

We thank the outgoing members of the Champions Trust, who have fulfilled their duties with such commitment and passion, setting an example to those who follow.

The contributions of both continuing and new members of the Champions Trust continue to build momentum, reflected in the growing number and high calibre of applications we receive for each new term of office.



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Kazan 2019

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Kazan 2019

# WorldSkills Flag Relay



For the official WorldSkills Flag, 2019 has been quite a journey. One that took it the equivalent of three times around the world, and into space.

It was all part of the WorldSkills Kazan 2019 Flag Relay, conceived by WorldSkills Kazan 2019, and with the support of WorldSkills International, to send a message about the 2019 WorldSkills Competition, but also about the international reach of vocational skills and education.

It was also a powerful reminder of the rich and diverse history of our organization, which celebrates its 70th anniversary in 2020.

The Flag Relay began with a bang, as a Russian Soyuz rocket took the flag as a passenger to the International Space Station. That was in late 2017, and on its return to earth in February, the Flag started the international stage of the Relay, beginning in Madrid, where the first international competition was held in 1950.

The Flag Relay involved ceremonies in the 20 countries and regions that have held WorldSkills Competitions, including Germany, Ireland, the USA, Belgium, Korea, the United Arab Emirates, Chinese Taipei, Finland, Australia, Canada, Portugal, Switzerland, Brazil, Austria, Italy, United Kingdom, Netherlands, France, and Japan.

During 2019, the Flag continued its adventure in another marathon journey across Russia, a trip that began in Yuzhno-Sakhalinsk, a city on the Pacific Ocean and culminated in Kazan.

With 24 stops across Russia, the Relay raised awareness and anticipation for 45th WorldSkills Competition, as well as promoting Russia's expanding vocational skills and education programme.

The Flag Relay reached its climax in August, when it reached Kazan in time for the Opening Ceremony, escorted by members of the WorldSkills Champion Trust.





# WorldSkills Shanghai 2021

Preparations have continued throughout the year for WorldSkills Shanghai 2021.

The importance of the competition was underlined in the message of welcome by China's President Xi Jinping at the Closing Ceremony for WorldSkills Kazan 2019 in September.

The conclusion of WorldSkills Kazan 2019 also saw the handing over of the WorldSkills Flag to China in front of an audience of almost 40,000 people.

Shanghai was awarded the right to host the 46th WorldSkills Competition in 2017, making it the first Competition to be held in China, which only joined as a Member in 2010.

WorldSkills International officials have been in regular contact with WorldSkills Shanghai 2021, including visits to the host city and the Competition venue, the city's National Exhibition and Convention Center.

The Competition will also see the opening of the first WorldSkills Museum, a permanent collection dedicated to the history of vocational skills and training, and WorldSkills, which celebrates its 70th anniversary in 2020.

Senior Chinese officials have spoken during the year of the key role the Competition will play in the professional development of its young people, but also lead to greater exchanges and cooperation between China and the rest of the world.

President Xi Jinping acknowledged this following the Kazan Competition, saying "In the whole society, we should carry forward craftsmanship with the pursuit of excellence, and encourage the young people to develop their skills to serve the country."

WorldSkills Shanghai 2021 is set to open on 22 September, followed by four days of competition and the Closing Ceremony on 27 September.



WELCOME TO SHANGHAI



# Excellence in Marking



WorldSkills Kazan 2019 saw the successful conclusion of a pilot project designed to prioritize excellence in Competitions.

The Excellence in Marking project, approved at WorldSkills General Assembly 2018, focused on seven skill competitions, and required participating Experts to agree on quality criteria according to the WorldSkills Standards Specifications.

As a result, the number of assessors should be limited on the principle of what best met the needs for the respective skill competition, rather than one of general inclusion and the assumption from Members that their Experts should have an automatic right to mark.

Those Experts who did not meet the marking standard criteria should be offered the chance to observe and learn.

The response from Experts taking part in the pilot was extremely positive, with general acceptance of the value of expertise in marking as opposed to one based on inclusion and previous participation.

The recommendation of the pilot is that these principles be fully adopted for inclusion in the Competition Rules and implemented for WorldSkills Shanghai 2021.

A joint report from the WorldSkills Standards and Assessment Advisor (SAA) and the Senior Manager of Software Engineering (SMSE) also found that WorldSkills Kazan 2019 represented improvements in several areas.

These included a steady movement towards WorldSkills Standards Specifications, with few, if any, reports of unfair marking, so that Kazan “offered all participants a valid and enriching experience.”

Overall, the SAA report observed of WorldSkills Kazan 2019 that “the shared determination of WorldSkills International and the impending Competition Organizer to provide outstanding conditions for WorldSkills Competition 2019, led to excellent infrastructure and facilities, and a deeply impressive event.”

# WorldSkills Museum

China's successful bid for the 2021 Competition included plans for the first WorldSkills Museum to be opened in Shanghai as a legacy of the event.

The WorldSkills Museum will celebrate and promote the value and role of skilled workers across time and cultures. Visitors will be taken on an exciting, inspiring journey where they will be told the story of WorldSkills, and skills in engaging, immersive formats to encourage them to take up vocational education.

Throughout 2019, the WorldSkills Museum team focussed on the areas of research, the museum collection and the development of the Interpretive Plan.

The WorldSkills Museum team gathered information and artefacts related to WorldSkills history and the development of skills around the world.

In 2019, information and artefacts were gathered largely from WorldSkills Members who have been encouraged to contribute stories and objects that reflect the diversity of WorldSkills, and the skills and trades unique to their societies.

As a direct result of the research programme, the WorldSkills Museum team accumulated a large amount of information and a varied collection of assets. By the end of 2019, a total of 1,380 assets have been accumulated.

## I am the Future of Work Research

A major survey of how young people view the future of work saw WorldSkills International partner with the Organisation for Economic Co-operation and Development (OECD).

It involved around 15,000 young people between 18 and 24 from 19 of the G20 countries, with additional support from Autodesk and Members in Australia, Canada, France, Japan, Russia, United Kingdom, and the United States of America, who collected samples and shared the survey on their networks.

As part of the OECD "I am the future of work" campaign, the objective was to compare differing perceptions among young people in these countries, presenting the results at WorldSkills Kazan 2019.

It found that overall, just half believed they would find the job they wanted, but that 56% believe technology would create better work opportunities.

While six out of ten said they were excited about the job flexibility new technologies would bring, over 70% felt they would have benefited from getting more career advice in school.

Among the countries where young people were most confident finding the right job were Turkey, Mexico and Indonesia, all above or near 70%.

At the other end of the scale were Italy, South Korea, and Japan, where just two percent of young Japanese believed they would find the job they really wanted.

The survey's objective is to help both the OECD and WorldSkills to better understand how young people feel about new technologies and what they feel it means for their future in work.

### **Find the research findings at:**

<https://worldskills.org/what/projects/youth-voice/>



WorldSkills  
Hong Kong





## World Youth Skills Day

This year was a turning point for WorldSkills in our support for World Youth Skills Day. After four years of leading online campaigns, and Member events, WorldSkills was asked to have a high-profile role in the official World Youth Skills Day activities at United Nations Headquarters in New York City.

The highlight of the first invitation for WorldSkills to the UN was a speaking opportunity for Champions Trust representative, Amelia Addis, who represented young people from around the globe as the only person on the panel working in a vocational career.

To support the partnership WorldSkills also promoted the UNESCO theme for the day **"Learning to Learn for Life and Work"**. In support of the day, WorldSkills developed a series of videos with skilled young people to understand how a commitment to learning has elevated their skills, their careers, and their futures, as well as social media posts outlining key issues facing youth thriving in complicated economies.

# Skills development in Africa

Supporting education and skills development in Africa is a key component of WorldSkills Vision 2025.

At the heart of this relationship is the relationship between WorldSkills International and the African Union, expressed in a Memorandum of Understanding signed in February.

The agreement recognizes the importance of Africa as a region where WorldSkills can play a crucial role through its expertise, working with Members, Global Partners, and other international organizations.

At its heart is the future creation of WorldSkills Africa, an umbrella organization managed by the African Union with support from WorldSkills International to promote skills with regional competitions and projects.

The partnership with the African Union has enabled WorldSkills to reach out to all member states of the

African Union through projects and activities that help build capacity in the continent. By working with our Members, Global Partners, and other international development organizations, we aim to provide resources and support that are customized according to the actual needs and develop skills most useful to the African labour market.

While African membership of WorldSkills International is growing, only eight of the 82 WorldSkills Member countries and regions are in Africa.

Following the first WorldSkills Africa Competition at Kigali in Rwanda in 2018, plans are well advanced for a greatly expanded scale next time, as WorldSkills Namibia won the bid to host WorldSkills Africa 2020, which is a capacity building programme with a skills competition in Swakopmund, Namibia.



# Global Projects

The WorldSkills community came together for several major initiatives in 2019.

At WorldSkills Kazan 2019, Plumbing and Heating saw Competitors working together to repurpose their test project to help the local community while sending a message of sustainability.

The final day of Competition saw Champions and Experts from 30 countries and regions repurpose materials to create a new washroom and toilets for the Derbyshkinskiy Orphanage which looks after 176 special needs children and teenagers between the ages of 4–23 years.

The project was supported by Global Partner IAPMO, TECE, the Russian HVAC Expert association, and the Ministry of Building, Architecture and Housing Municipal Services.

The year was the first year of the **WorldSkills Experts Faculty**, whose membership includes both past and present Experts with the objective of sharing their expertise beyond Competitions.

During the year, the Faculty has developed promotional materials, created an application system, and developed concepts for future project with an emphasis on mentoring.

In 2019, we saw the launch of the second **WorldSkills Capacity Building Centre** in Chinese Taipei, followed by the third WorldSkills Capacity Building Centre in Russia.

The Centre, developed with Chinese Taipei's Workforce Development Agency, will support skills training and education in developing countries, including both Members and non-Members in Southeast Asia, South Asia, and especially Africa, a focus of WorldSkills Vision 2025. The Centre hosted by WorldSkills Russia has a strong focus on supporting the CIS (Commonwealth of Independent States) countries with their Experts network for training the trainers based on the global standards and preparation for skills competitions.

A Capacity Building Centre is already operating in HRD Korea, with the ambition of setting up a larger international network involving more Members.







5-Axis Champion DECKEL

# Global Partners



The generous support of our Global Partners is what underpins so much of the work and mission of WorldSkills International.

As always, our most sincere thanks and appreciation goes out to all of them for what they have done in the past and what we hope to achieve in the future.

For 2019 we were proud to introduce two new partners to the more than 20 who share our vision of working together with industry, education, government, and policy makers to raise the profile of skilled professionals and the prospects of young people everywhere.

For **SATA** this is the continuation and growth of a long and fruitful relationship.

The German spray paint engineering company is an Official Supplier for Car Painting and is now a WorldSkills Global Partner.

SATA, founded in 1907, says this new relationship with WorldSkills matches its own approach to skills training and education.

**AWS Educate** reflects our fast-changing world, as a global education platform based on Amazon's web services and cloud computing.

Their decision to join WorldSkills as a Global Partner comes as Cloud Computing was introduced as a skill at WorldSkills Kazan 2019.





  
**worldskills**  
Kazan 2019

**SAMSUNG**



National Strategic P

# Global Premium Partners



## Samsung

Samsung deeply understands the importance of a skilled workforce for industry and firmly believes that their skills excellence leads to the competitiveness of their companies and countries.

That is why Samsung has consistently participated in the WorldSkills movement for over a decade. It has supported young students to explore their interest and potential in skills excellence and to make their dreams and hopes come true through skills excellence.

### Dr Dong Seob Jang

*Secretary General of Samsung Skills and Vice President for Samsung Electronics*



## Stanley Black & Decker

At Stanley Black & Decker, we're for the makers, the doers, and the creators of the world. We feel it is our responsibility to help close the trade skills gap, one of the greatest challenges facing the workforce today, by partnering with organizations like WorldSkills.

For more than a decade, we've proudly supported WorldSkills in the effort to celebrate the wide variety of opportunities people can pursue across the skilled trades. And we work hard to bring the innovative tools needed for them to build and maintain our world.

### Jaime Ramirez

*Executive Vice President  
& President of  
Global Tools & Storage,  
Stanley Black & Decker*

# Global Industry Partners



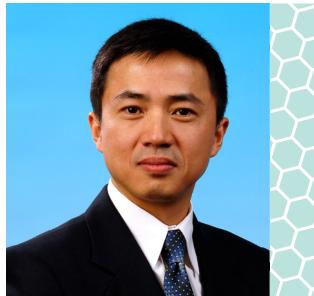
## 3M

The values and priorities of WorldSkills International and 3M are closely aligned. Our company's vision of "innovation improving every life" supports the development of skilled trades across many industries around the world.

The diversity of 3M technologies and products, along with our subject matter experts, complement the wide range of WorldSkills Skills Competitions, and can help solve safety and health, productivity, and other challenges while on the job in a variety of trades.

### Maureen Tholen

*Sustainability Director,  
3M*



## Amazon Web Services Educate

Amazon Web Services (AWS) is proud to have supported the new cloud computing competition during the 45th WorldSkills in Kazan.

As the global leader in cloud computing, AWS has been committed to helping academic institutions, educators, and students develop cloud computing skills to prepare them for careers in new technology.

Through the AWS Educate program, students and educators have access to content and resources to skill up for cloud careers in fields such as data sciences, artificial intelligence, and cybersecurity.

### George Ling

*General Manager,  
Enterprise Business  
Development,  
Greater China Region  
AWS Educate*



## American Welding Society

The American Welding Society and WorldSkills share a commitment to developing the next generation of skilled trade professionals across the globe. Our partnership provides AWS the opportunity to engage and collaborate with students, educators, and industry partners in an exciting, competitive platform.

As we strive to make the world a safer place by bringing more highly qualified young people into skilled trades, AWS is proud to continue as a WorldSkills Global Industry Partner.

### Monica Pfarr

*Executive Director,  
AWS Foundation  
American Welding Society*



## Autodesk

Autodesk is proud to help people around the world to imagine, design, and make a better world. We are honoured to provide the same 3D design software, used by skilled professionals globally, to all WorldSkills Competitors for free via [www.autodesk.com/worldskills](http://www.autodesk.com/worldskills).

It is exciting to collaborate with WorldSkills yet again as we look to prepare our young people for the Future of Work and to show how important Skills are to the economies of the world and the future of us all.

### Gary Conrad

*Sr. Director,  
Worldwide Field Engagement,  
Autodesk Education  
Experiences*

# Global Industry Partners



## Car-O-liner

2019 marked our first full year as Global Industry Partner to WorldSkills International, demonstrating our intensified commitment to inspiring young professionals, embracing talent and developing skills around Autobody Repair more than ever as the vehicle technology undergoes major technological shifts.

2019 culminated at the 45th WorldSkills Competition in Kazan, as we got to witness the passion and dedication of more than 1,300 Competitors and Experts active in more than 50 skills. We are thankful for the opportunity to be part of such a diverse yet unified family and to collaborate with international education leaders on the path to higher impact.

### Roger Marti

*Director of Marketing,  
Car-O-Liner*

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## DHL

At DHL, our employees are connecting people and improving lives.

As one of the world's largest and most innovative employers, we take special pride in our people.

We're a global company that values diversity, ambition, and a collaborative can-do attitude - values that align perfectly with the ones of WorldSkills.

As a Global Industry Partner of WorldSkills, we are happy to be contributing to the development of global skill standards and the promotion of the value of skills for economic growth and personal success.

### Patrick Dexheimer

*Head of Events,  
DHL Global Event Logistics*

## DMG MORI

At DMG MORI we strive for dynamic and excellence. The cooperation with WorldSkills is a perfect fit for us: Together we are looking for skills excellence in a dynamic environment driven by digitization in the manufacturing industry.

Being a main sponsor of WorldSkills Kazan 2019 was a unique experience and inspired young talent around the globe. Therefore, we will continue our commitment to promoting education and will also support the WorldSkills Shanghai 2021 competitions.

### Jan Möllenhoff

*Managing Director,  
DMG MORI Academy*

## FANUC

Robot System Integration skills are vital to strengthen the competitiveness and resilience of manufacturing industries worldwide. They will also help the economy recover faster after the pandemic. Industrial companies keep investing in robots and young, talented people are needed to install, operate and maintain them.

FANUC is strongly committed to the Robot System Integration skills and therefore proud to continue as a Global Industry Partner of WorldSkills, in order to promote excellence and passion in Robot System Integration. Showcasing this new skill will for sure reveal many vocations amongst youngsters, who will all get the career opportunities they deserve.

### Shinichi Tanzawa

*President & CEO,  
FANUC Europe Corporation*

# Global Industry Partners

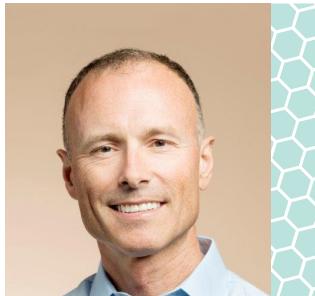


## Festo

This is a tremendous opportunity for the WorldSkills movement to take a leading role in the delivery of innovations in education via skills competitions.

Strongly committed to contribute with state-of-the art digital formats and blended learning solutions to make youth more resilient through TVET within the new normal and beyond.

**Enrico Rühle,**  
*Member of the Board,  
Festo Didactic*



## Fluke

As a Global Industry Partner of WorldSkills International — Fluke Corporation benefits from the opportunity to participate in a workforce initiative that is much bigger and more impactful than what an individual brand can achieve. We value the consistency that occurs as WorldSkills standards are adopted by an increasingly large number of countries and regions, as well as the chance as a WorldSkills International partner to directly assist those countries and regions, and their institutes.

**Marc Tremblay**  
*President,  
Fluke*



## Glasurit

As a Global Industry Partner of WorldSkills International, BASF's sponsorship is one of our leading initiatives to develop skilled spray painters around the globe.

Through the WorldSkills Competition, with our Glasurit brand, we focus on sustainability, digitalization and diversity for the next generation of spray painters for modern body shops of the future.

We will continue to drive passion and promote the benefits of the coatings refinish profession and help young painters master new skills and techniques to support industry growth.

**Fabien Boschetti**  
*Director, Global Marketing -  
Automotive Refinish  
Coatings Solutions,  
BASF*



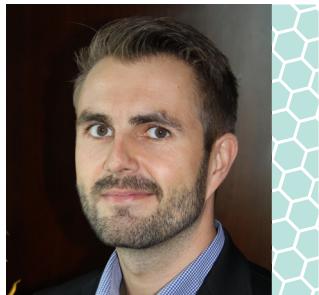
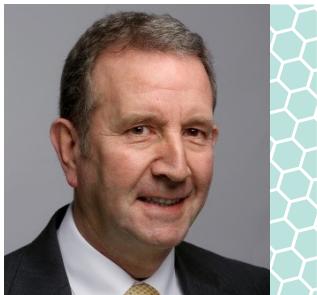
## IAPMO

The International Association of Plumbing and Mechanical Officials (IAPMO Group) values our WorldSkills Global Industry Partnership and is proud to collaborate with the international WorldSkills community.

The work that has been done to amplify the impact of innovation and sustainability on skills competitions has been mutually rewarding. We look forward to WorldSkills Shanghai 2021 where the skills community comes together again to in efforts to make the world a better place through skills excellence.

**David Viola**  
*COO and Incoming CEO,  
IAPMO*

# Global Industry Partners



## **Lincoln Electric**

Practical Skills development could not be more important today. Lincoln Electric and WorldSkills International are have always been strategically aligned in development of skilled talent around the globe.

We value our relationship with WorldSkills because they are effective in fostering career pathways in trade skills and continue to offer educational growth opportunities for our organization.

We look forward to future WorldSkills events where we can continue to leverage our WorldSkills relationship as part of our education growth strategy.

**Jason Scales, Ph.D.**  
*Business Manager, Education*  
*Lincoln Electric*

## **Mastercam**

The future of our industry depends on the students of today. WorldSkills offers a platform for those students to engage, to compete, and to begin a lifelong relationship with manufacturing.

We are proud to sponsor this platform and empower students from around the world to push the boundaries of our technology.

It is our hope that these individuals will help guide the next generation of manufacturing professionals. It is our expectation that they will challenge us to improve, to innovate, and to continue to shape the future of manufacturing.

**Meghan S. West**  
*President and CEO, CNC Software, Inc./Mastercam*

## **Mitutoyo**

As a WorldSkills Global Industry Partner, Mitutoyo takes much pride in aiding the development of the next generation of engineers with skills and technologies to meet the demands of the future.

“Precision measurement” contributes immensely to the well-being of society in both the quality and performance of all manufactured products. We look forward to WorldSkills in Shanghai and to showcasing the talents of the Competitors and to inspiring the many visitors in all they shall see.

**Martin Weeks**  
*Executive Director, Mitutoyo*

## **Saint-Gobain**

At Saint-Gobain, we believe that growth relies on people and finding the greatest talents. WorldSkills is an excellent global platform for raising awareness about the importance of skills development not only in developed but also in developing markets.

Again, this year we are supporting WorldSkills Kazan and look forward to this fruitful partnership and to meet tomorrow's new talents.

**Daniel Roehner**  
*International Marketing Manager, Saint-Gobain*

# Global Industry Partners



## SATA

SATA believes that our strong involvement in VET is helping to bring the best talent into trades.

Our long history of supporting WorldSkills, has led into our much closer partnership as a Global Partner of WorldSkills International.

The Competition is an important driver for excellence and sustainability in the trades to which we want to contribute. Our innovative products are helping the users to achieve perfect results much easier, while also reducing consumption and increasing efficiency.

### Jörn Stöver

*Export Sales Manager,  
SATA*



## Siemens

Siemens is proud to support talented and skilled youth along with their Experts before and during the WorldSkills vocational skills competitions and therefore help to maximize their digital agility as well as prepare them for any future disruptions.

My motivation for supporting WorldSkills is my firm belief that through the power of skills learners can shape their individual skill sets to work in comprehensive Ecosystems in which all players can co-create and act in unity with one another.

### Rainer Brehm

*CEO Factory Automation,  
Digital Industries, Siemens*



## Studica

As a Global Partner of the WorldSkills Mobile Robotics Competition, Studica is proud to be a part of this exciting movement that is dedicated to improving the lives of young people through skills.

Mobile Robotics prepares students to be able to create, design, build, and maintain robots to solve problems. Every competition we are inspired by the competitors. They will help innovate the future of technology and the skills they are building prepare them for strong career opportunities.

### Frank Nanfara

*CEO and President, Studica*



## VCom

This is the third year for VCOM to join the WorldSkills family. Thanks WorldSkills for bringing brand value-added to VCOM, which gives VCOM opportunities to serve global vocational education.

VCOM continues the mission to build a bridge between Members and Chinese universities and colleges, and do everything in VCOM's power in construction, faculty training, teaching resource development, technical discussion, academic forum exchange, and promote the development of the industry, bringing more quality employment opportunities.

### Cathy Wang

*CEO, VCOM*

# Global Supporter



## VEX Robotics

VEX Robotics is at the forefront of educational and competitive robotics globally. With a comparable Mission and Vision, our partnership with WorldSkills is an exciting one for both organizations.

Robotics brings together many of the skills required for Industry 4.0—critical thinking, computational thinking, and project management—and our partnership with WorldSkills allows us to help nurture the next generation of Competitors and create the problem solving industry leaders of tomorrow.

### **Paul McKnight**

*Head of Operations,  
VEX Robotics (EMEA)*





GLOBAL PREMIUM PARTNERS OF WORLD SKILLS INTERNATIONAL

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*StanleyBlack&Decker*

GLOBAL INDUSTRY PARTNERS OF WORLD SKILLS INTERNATIONAL

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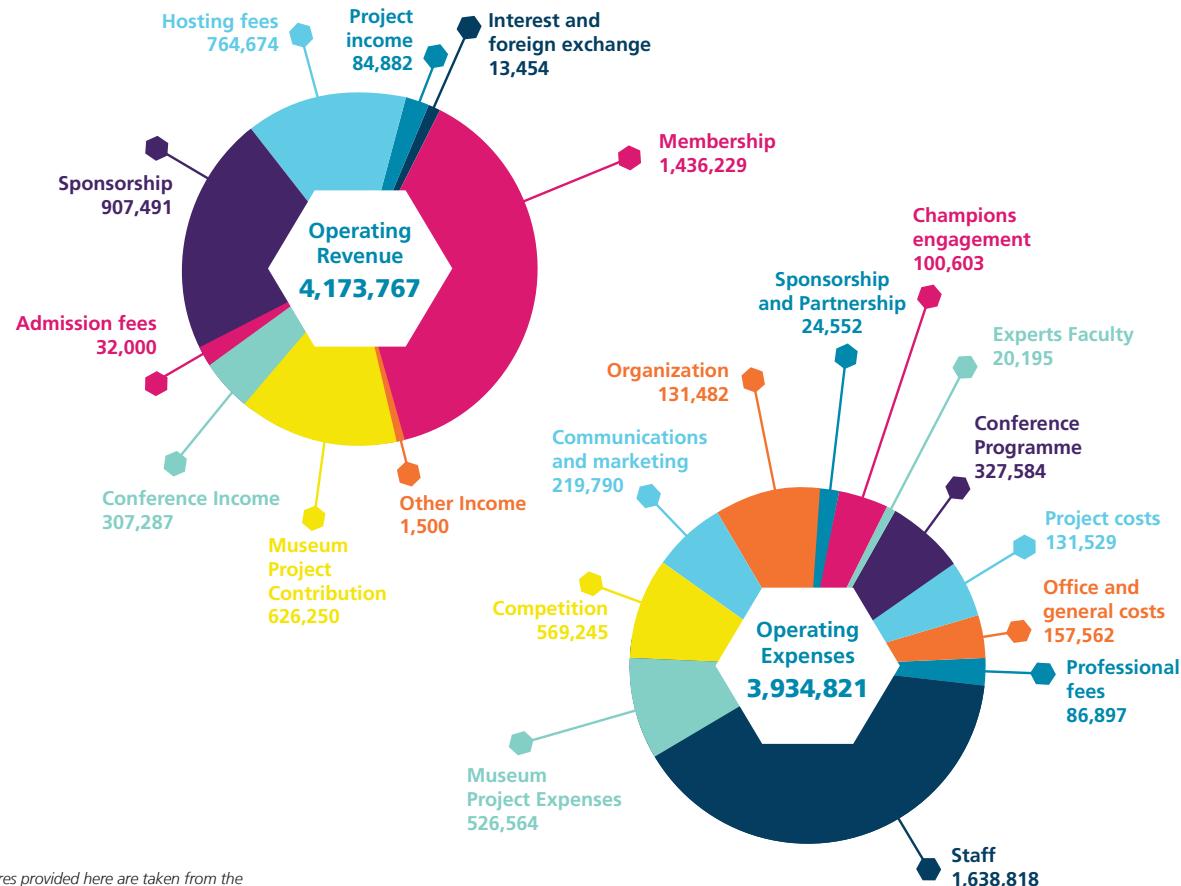


GLOBAL SUPPORTER OF WORLD SKILLS INTERNATIONAL

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# Financial Report



Notes: Figures provided here are taken from the WorldSkills International 2019 Audited Financial Statements. The 2019 Audited Financial Statements were compiled and audited by Baker Tilly N.V. The complete financial report is available on request from the WorldSkills Secretariat.

All figures are in euro.



worldskills  
Namibia



# WorldSkills Board



## WorldSkills Board (left to right)

### **Laurence Gates (France)**

*Vice Chair of the Strategic Development Committee*

### **Jos de Goey (Netherlands)**

*Vice President for Strategic Affairs and  
Chair of the Strategic Development Committee*

### **Michael Fung (Hong Kong, China)**

*Vice Chair of the Competitions Committee*

### **Simon Bartley (United Kingdom)**

*President and Chair of the Board*

### **San-Quei Lin (Chinese Taipei)**

*Vice President for Special Affairs*

### **Stefan Praschl (Austria)**

*Vice President for Competitions and  
Chair of the Competitions Committee*

### **Terry Cooke (Canada)**

*Treasurer*

As per our Constitution, there was a Board election at WorldSkills Kazan 2019 with the elected Board members taking office after the Competition.

### **In 2019:**

#### **Simon Bartley (United Kingdom)**

- completed 2 terms and retired

#### **Jos de Goey (Netherlands)**

- elected President and Chair of the Board

#### **Chris Humphries (United Kingdom)**

- elected Board member, Strategic Development

#### **Ekaterina Loshkareva (Russia)**

- elected Board member, Strategic Development



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