

World Economic Forum Annual Meeting 2016

Mastering the Fourth Industrial Revolution

Davos-Klosters, Switzerland, 20-23 January

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Media Fact Sheet

As of 13.01.15

The Meeting: expected numbers

- More than **2,500 participants** from more than **100 countries**
- **1,500 business leaders** from more than **25 sectors and industries**
- **Almost 300 public figures**, including more than **40 heads of state and government**
- **50 Global Shapers, 25 social entrepreneurs** and more than **100 Young Global Leaders**
- **250 media representatives** and almost **40 cultural leaders**
- More than **250 sessions and workshops**
- **More than 25 televised sessions**

The 46th Annual Meeting will convene under the theme **Mastering the Fourth Industrial Revolution**.

On the Agenda

Leaders from all walks of life must prepare for disruptive change as assumptions about growth models are overturned, the international balance of power continues to fray, and scientific and technological breakthroughs are poised to transform economies and societies.

Mastering the Fourth Industrial Revolution

Earlier Industrial Revolutions advanced human progress through electric power generation, mass production and information technology. Building on a ubiquitous and mobile internet, smaller, and more powerful sensors, as well as artificial intelligence and machine learning, the Fourth Industrial Revolution is distinct in the speed, scale and force at which it transforms entire systems of production, distribution, consumption - and possibly the very essence of human nature.

On the Fourth Industrial Revolution, **Klaus Schwab**, Founder and Executive Chairman of the World Economic Forum, said, "The challenges are as daunting as the opportunities are compelling. We must have a comprehensive and globally shared understanding of how technology is changing our lives and that of future generations, transforming the economic, social, ecological and cultural contexts in which we live. This is critical, in order to shape our collective future to reflect our common objectives and values."

Addressing Global Security Issues

The unfolding refugee crisis and recent terrorist acts are reminders of how geostrategic competition, renewed regionalism and new antagonists are eroding global solidarity. How can public- and private-sector leaders prepare for a rapidly changing security landscape in which emerging technologies also play a key role?

Solving Problems of the Global Commons

Geosecurity tensions exacerbate the challenges of governing at a global level even as the urgency increases to pursue environmental and social sustainability, financial system reform and openness of the internet. How can problems of the global commons be tackled through new models of public-private cooperation and the application of breakthrough science and technology solutions?

Co-Chairs of the Annual Meeting 2016



[Mary Barra](#)

Chairman and Chief Executive Officer, General Motors Company, USA



[Sharan Burrow](#)

General-Secretary, International Trade Union Confederation (ITUC), Brussels



[Satya Nadella](#)

Chief Executive Officer, Microsoft Corporation, USA



[Hiroaki Nakanishi](#)

Chairman and Chief Executive Officer, Hitachi, Japan



[Tidjane Thiam](#)

Chief Executive Officer, Credit Suisse, Switzerland



[Amira Yahyaoui](#)

Founder and Chair, Al Bawsala, Tunisia

Global Challenge Initiatives

Building on the central theme of the Fourth Industrial Revolution, the programme of the Annual Meeting will address ten clearly defined [Global Challenge Initiatives](#).

Agriculture and Food Security: How to revamp the global food system to sustainably deliver 70% more food than is consumed today to feed 9 billion people by 2050.

Economic Growth and Social Inclusion: How the public and private sectors can improve long-term competitiveness while providing broad-based progress in living standards.

Employment, Skills and Human Capital: How to create 470 million new jobs by 2030 if technology is expected to fundamentally disrupt the nature of work itself.

Environment and Natural Resource Security: How to scale public-private collaboration, new business models and technological innovations that drive climate action more rapidly.

Future of the Global Financial System: How to introduce initiatives in macroprudential regulatory policy and innovations in financial services technology that can deliver sustained economic growth and social development.

NEW Future of Health: How public and private stakeholders can collaborate to deliver healthy lives and health security for 9.7 billion people by 2050.

Future of the Internet: How to ensure that the internet benefits all humankind through better global collaboration.

Gender Parity: How to close the gender gap in economic participation, at nearly 50% globally today, in this decade.

International Trade and Investment: How to implement high-priority reforms that will improve global commerce and expand global value chains through public-private collaboration.

Long-Term Investing, Infrastructure and Development: How to close the annual \$1 trillion infrastructure investment gap by introducing viable financing structures and appropriate risk-assessment frameworks.

Report Launches

Global Risks 2016 – *Report launch, 14 January*

For 11 years, the Forum has been tracking and measuring global risks that pose the greatest potential threat to global security and stability. After years in which **income inequality** and **inter-state conflict** have come out on top as the greatest existential threat, this year's update comes at a time when environmental, societal, geopolitical and economic risks all appear to be on the rise. In an attempt to make sense of such a crowded risks landscape, the report's unique tracking of the interconnections between risks provides greater insight into the complexity that surrounds them and the challenges involved in building resilience against them.

Security Outlook 2030 - *Report launch, 14 January*

The parallel rise of both strategic competition among strong states alongside a proliferation of fragile states presents great concern for those hoping for a return to geopolitical stability in the coming decade. This report, conducted by the Forum's International Security team, presents three possible scenarios that have arisen as a result of a year-long consultation exercise, with the aim of catalyzing action to prevent further worsening of the international climate.

The Fourth Industrial Revolution, by Klaus Schwab – *Book launch, 15 January*

The Fourth Industrial Revolution refers the fusion of technologies across the physical, digital and biological worlds which is creating entirely new capabilities and dramatic impacts on political, social and economic systems. The speed, scale and systemic nature of this transformation has the potential to disrupt all sectors and call into question the essence of human nature and identity. How can we better understand the technologies driving this revolution and take action to ensure that it is one that benefits all economies and citizens?

This book can be downloaded [here](#) from 15 January.

The Future of Jobs – *Report launch, 18 January*

If today's job market barely resembles that of 10 or even five years ago, its equivalent in the future will be unrecognizable. The Future of Jobs is a brand new area of research by the Forum's Human Capital team, which explores the technological, demographic and economic trends that are leading to profound changes in the nature of work, and assesses the extent to which existing jobs will become displaced and new ones created. In measuring and analysing these changes, it hopes to provide governments, businesses and individuals with an enhanced foresight that will help to anticipate and prepare the skills, talents and expertise that will equate to success in the Fourth Industrial Revolution.

The Industry Gender Gap 2016 - *Report launch, 18 January*

With the Forum having marked ten years of measuring the global gender gap in November, this brand new research takes a look at the Forum's Gender Parity Global Challenge Initiative through an industry lens. In this way, by leveraging the globalized nature of supply chains, our aim is to effect change that can have an impact across a wide number of different countries and regions.

The Future of Electricity – *Report launch, 19 January*

The report focuses on the evolving nature of electricity sector in emerging markets, and will set out recommendations for these countries to effectively attract investments to their power markets. The **Mexican and Indian power markets** will be used as case studies in in-depth exercises.

Digital Media and Society - Implications in a hyperconnected era – *Report launch, 20 January*

Innovations in technology are increasingly changing how we consume media, entertainment and information. These changed behaviours also alter how we connect and interact with each other. Broader societal and cultural consequences of this evolution are just beginning to unfold. *The Human Implications of Digital Media* report provides insights on today's consumer and the broader impact of digital media usage on the individual, organizations and society. The report aims to highlight both opportunities and threats and is based on a consumer survey in **Brazil, Germany, South Africa, China** and the **United States**.

Internet Fragmentation Report - *Report launch, 21 January*

The rise of walled gardens and the emergence of digital sovereignty are just two challenges that have the potential to cause major disruption to the internet. Brand new Forum research has identified a further 26. In presenting the findings of this lengthy research exercise, we hope to inform leaders of the risks these dynamics collectively and individually represent, and galvanize action to help protect this vital global commons as an engine for growth and job creation.

Launch of the E15 Initiative for global trade and investment – *Press conference launch, 22 January*

With the Doha round of global trade negotiations suspended, the World Economic Forum will launch at the Annual Meeting, in partnership with the International Centre for Trade and Sustainable Development, the E15 Initiative, a multistakeholder partnership aimed at reviving a global consensus to use global trade and investment to drive economic growth and job creation.

Additional Programme Highlights

Cultural Leaders – *Embargoed until 13 January, 11:00 CET*

A community of nearly 40 cultural leaders is joining Davos this year to contribute to shaping the cultural and global agendas. They include **Bono** (musician), **Peter Gabriel** (musician), **John Green** (author and vlogger), **Sharmeen Obaid-Chinoy** (filmmaker), **Platon** (photographer), **Elif Shafak** (author), **Kevin Spacey** (actor and theatre director) and many others.

22nd Annual Crystal Award Ceremony – *Embargoed until 13 January, 13.30 CET*

The World Economic Forum's Crystal Award celebrates the achievements of leading artists who have shown exemplary commitment to improving the state of the world. This year's awardees are actress **Yao Chen**, actor and film producer **Leonardo DiCaprio**, artist **Olafur Eliasson**, and musician and entrepreneur **will.i.am**.

Open Forum

Every year since 2003, the Open Forum convenes at the local Swiss Alpine School in the heart of Davos, attracting leaders from business, government and civil society. In the "spirit of Davos", the Open Forum aims to stimulate dialogue on issues ranging from the refugee crisis and slow global economic growth to dealing with security in the digital age.

Experiences & Interactive Projects

Virtual Reality Film, "Collisions" (World Premiere)

Journey via virtual reality deep into the remote desert in Western Australia to discover what happens when indigenous tradition meets Western science, and find out what we can learn from indigenous knowledge for how to care for our planet. This film is supported by the World Economic Forum, Sundance Institute, Ford Foundation, and Jaunt VR.

This Time Tomorrow

This interactive exhibition features designs from the scale of DNA to the distant horizon of outer space, forming a landscape of clues about the world of tomorrow. The exhibition is developed by the Victoria and Albert Museum in collaboration with the World Economic Forum, ahead of the V&A's 2017 exhibition, *Future Design*.

Perspectives

Organized in collaboration with National Geographic, *Perspectives* is a series of large-scale projection mapping animations that explore collective responsibility via the themes of biodiversity, oceans and climate change, and cultural heritage.

A Day in the Life of a Refugee

In this interactive simulation, participants will encounter first-hand some of the daily struggles and choices that refugees face for survival. It is organized in collaboration with Crossroads Foundation.

Clouds Over Sidra

Join a special screening of this virtual-reality experience to embark on an immersive journey into the daily life of Sidra, a young Syrian girl living in a refugee camp in Jordan.

The Humanitarian Hub

Massive refugee flows, protracted conflict and fragile states – the challenges for humanitarian and development action are manifold. Visit the Humanitarian Hub to discuss innovative approaches to tackle these challenges collaboratively.

Earth Time-Lapse

Embark on a visual exploration with high resolution time-lapse satellite imagery of our planet, revealing patterns of transformation.

Robots in Action

Engage with experts on artificial intelligence in this interactive exhibition focusing on human-robot collaboration.

New Session Spaces

Basecamp at Rinerhorn Mountain

Venture into the mountains above Davos with Formula 1 champions **Sebastian Vettel** and **Mika Häkkinen**, neuroscientists and global explorers for a series of half-day retreats and special dinners to enhance personal performance, resilience and leadership potential.

The Loft

In this new space at the Annual Meeting 2016, participants can imagine novel applications of cutting-edge research to real-world problems, against a backdrop of technologies that engage our human side.

Issue Briefings at the Media Village

Go in-depth with experts on the latest economic, geopolitical and scientific topics that are poised to make headlines. Scheduled issue briefings include the Global **Industry Gender Gap**, among others.

Forum Communities

Global Shapers

[The Global Shapers Community](#) has more than 5,500 young, entrepreneurial millennials from all walks of life in over 450 city-based Hubs worldwide. So far, more than 65% of all Hubs have established local, grassroots initiatives, from career mentorship to tackling youth employment. Global Shapers are highly motivated, aged between 20 and 30, and have a great potential for future leadership roles in society. They are selected on the basis of their achievements, leadership potential and commitment to making a difference. There will be [50 Shapers](#) participating in Davos, representing 50 cities across the world, including Al Khobar, Buenos Aires, Gaza, Caracas, Tel Aviv, Lviv, Chennai, Bogota, Beijing, Palo Alto, Beirut, and others.

Schwab Foundation for Social Entrepreneurs

The [Schwab Foundation for Social Entrepreneurs](#) is a group of innovators who are applying the latest business thinking in a practical and sustainable way to benefit society. They focus on the marginalized and poor. Each year, the Foundation identifies up to 30 entrepreneurs who are working in education, health, the environment and enterprise development. This year, [25 Social Entrepreneurs](#) will be in Davos to share their experiences in working with underserved communities. [Click here](#) to learn more about the community.

Young Global Leaders (YGL)

[The Forum of Young Global Leaders](#) is a global community of people – selected before they reach age 40 – who are changing the world through smart, entrepreneurial ideas. They come from all walks of life, have a record of extraordinary achievement and commit time to resolving the critical challenges society faces, such as climate change, disease and poverty, gender parity, human rights, and skills and education gaps. Current and former YGLs include 11 heads of state and government, 10 heads of Fortune 500 companies, 15 UN Goodwill Ambassadors, six Guinness World Record holders, four Oscar winners, three Olympic gold medallists, two Nobel Prize winners and an astronaut. More than 100 YGLs will be participating in Davos.

Technology Pioneers

Technology Pioneers come from a wide range of sectors, including healthcare, energy and environment, IT and new media. These disruptive companies have the potential of making a significant impact on the state of the world. During the Annual Meeting, 30 Technology Pioneers will be sharing ideas on entrepreneurship, new technologies and innovation. They include:

- Kees Arts of **Protix**, a company that uses insects to feed to livestock and even humans...
- Dileep George of **Vicarious**, artificial intelligence that builds software based on how the brain works
- Marjolein Helder of **Plant-e**, a company producing electricity from living plants
- Anmol Madan of **Ginger.io**, a company that created an app to help people with depression

Useful links for the Annual Meeting 2016

- All about the Annual Meeting 2016: <http://wef.ch/davos16>
- Download meeting app: <https://toplink.weforum.org/apps>
- Open Forum programme: <http://wef.ch/openforum>
- Live webcasts: <http://wef.ch/live>; on demand <http://wef.ch/youtube>
- Access photos archive: <http://wef.ch/pics> and on Flickr <http://wef.ch/am16pix> (as of January 18, 2016)
- Become a Facebook fan: <http://wef.ch/facebook>
- Follow us on Twitter: <http://wef.ch/twitter> and <http://wef.ch/livetweet> (hashtag #WEF)
- Read our blogs: <http://wef.ch/agenda>
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