

WORLD  
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IMPROVING THE STATE  
OF THE WORLD

The Global Summit on Innovation, Science and Technology

# Annual Meeting of the New Champions 2017

Achieving Inclusive Growth  
in the Fourth Industrial Revolution

Dalian, People's Republic of China 27-29 June

# Building A Future Where Entrepreneurship Benefits All

From 27 to 29 June, a unique community of leaders will gather at the Dalian International Conference Center to tackle one of the greatest challenges raised by the Fourth Industrial Revolution: how to enable growth while ensuring inclusivity? With its rich programme designed around **four sub-themes**, the Annual Meeting of the New Champions will help you and your organization navigate and shape the future of innovation.

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01

## Scaling Up Human-Centred Technology

Technological innovations – from exponential increases in computing power and data to the CRISPR method in gene editing – create not only phenomenal opportunities for human progress but also serious societal challenges. If we are to seize the opportunities and avoid the pitfalls of the Fourth Industrial Revolution, we must consider the moral and ethical questions it raises with regard to economic and social development, value creation, privacy and ownership, and individual identity. In this context, how do we design and scale up human-centred products and services?

02

## Leading Continuous Reinvention

The Fourth Industrial Revolution is shaking up old business models and presenting strategic options that enhance efficiency. On the supply side, developments in energy storage, grid technologies and real-time processing of customer and asset performance are transforming operating models. On the demand side, customers value and expect personalized interaction at all points of their consumer experience. Facing an exponential speed of change in technology, how can leaders recognize adaptive challenges to their organizations and build resilience?

03

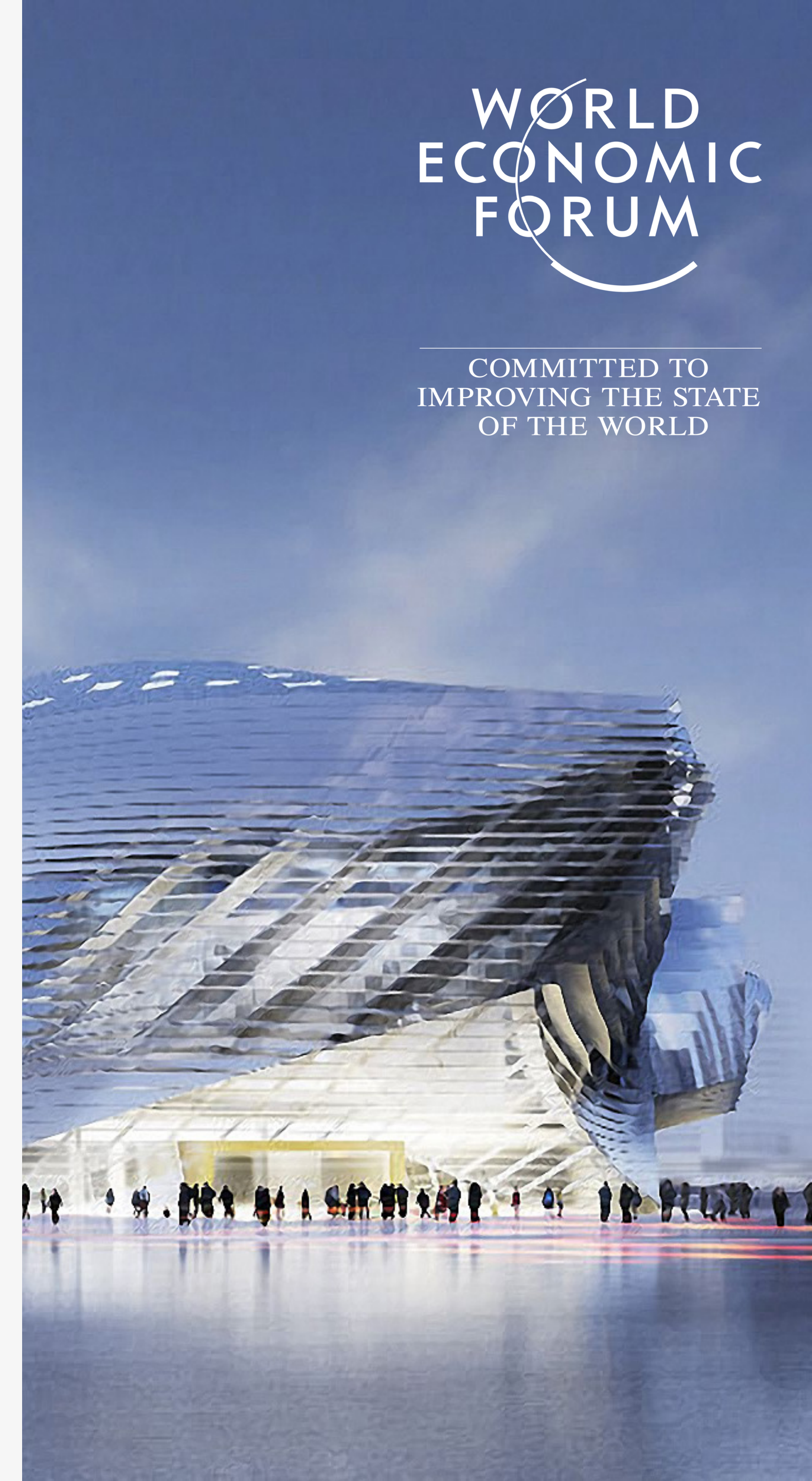
## Creating Sustainable Systems

Massively expanding economic activities are placing irresistible pressures on social and planetary systems. At the same time, new technologies are making possible a transformation in almost all spheres of economic and social life. For instance, over 700 million people will be added to cities each decade until 2060 but compact designs, smarter transport and better building codes could cut the carbon footprint of this transition by 90%. There is a better future to be had in terms of prosperity and quality of life that can also radically reduce pressure on the global commons. How do we seize such opportunities and create more sustainable systems in areas such as energy, mobility, production, health, education, gender and work?

04

## Responding to Geo-Economic Shifts

At the close of the 20th century, the presumption was that the effects of globalization and technological change would ensure political, economic and social stability. However, an eroding middle-class in many advanced economies as well as concerns over a middle-income trap in fast growing emerging economies which could bring rapid growth to a halt are giving rise to new tensions within and across nation states. Geostrategic competition has re-emerged, with wide-ranging political, economic and social consequences. How do we build and expand new partnerships and platforms to ensure a prosperous and secure world?



# A Rich Programme

The AMNC17 has been designed to be a transformative experience: its wide range of immersive experiences, thought-provoking installations and insightful series will expand your thinking and help you develop exclusive insights into the Fourth Industrial Revolution. Here is a sneak preview of what you can expect:



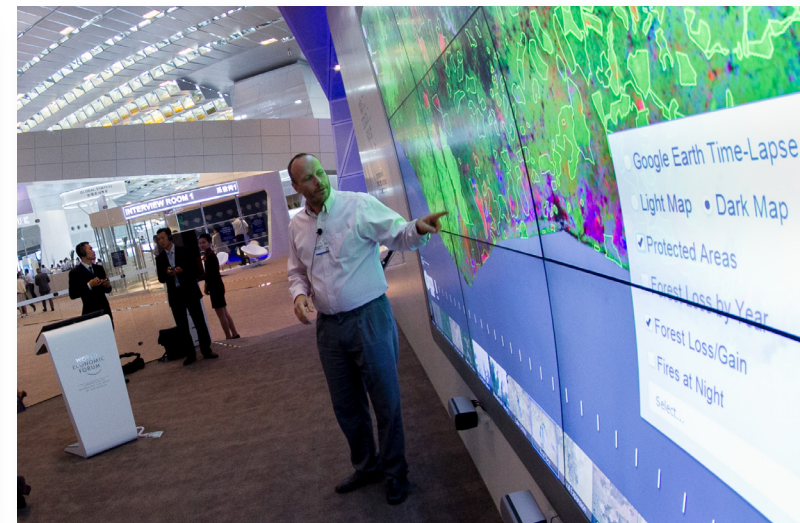
Mixing art and technology, the **4IR BioLab exhibition** explores the impact of the 4IR on all forms of life: what if we could invent superorgans, compute our own food, use breakfast as a test for cancer or grow our homes?



Our **human-centred high-tech sessions** explore the protocols, partnerships and practices that will help share the benefits of new technologies, from AI and the IoT to autonomous vehicles, Blockchain, neurotechnologies, drones and quantum computing.



The **Robot Maker Space** lets you design, build and experiment with handmade robots, giving you a chance to shape the future of human-machine interaction with your hands.



Investigate humanity's greatest challenges at the **Global Situation Space** – from rising inequality and emerging megacities to water scarcity and renewable energy deployment – through a combination of time-lapse imagery, data and predictive modelling.



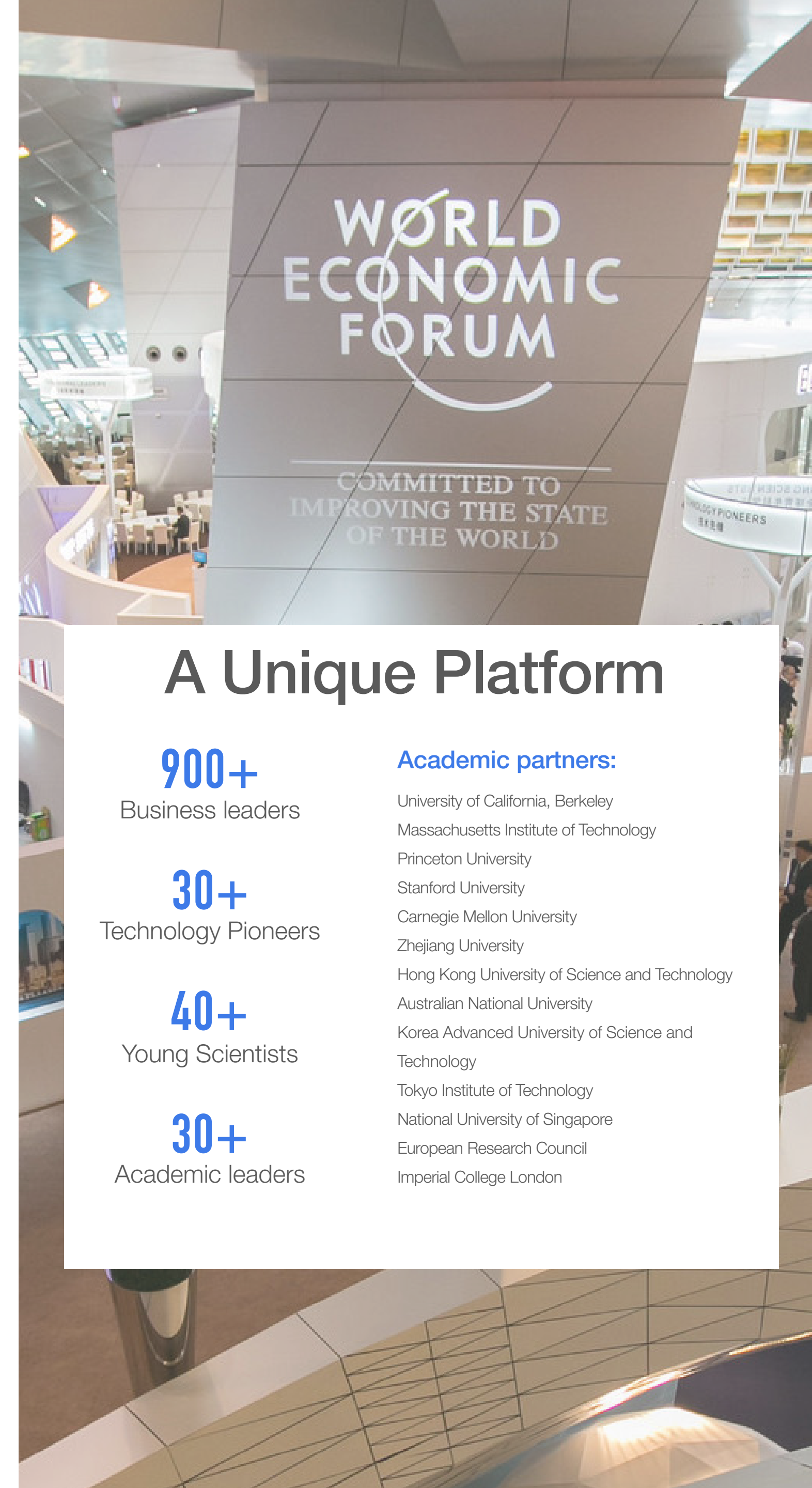
Turning pollution into jewellery, the **Smog-Free Tower** is the world's largest smog vacuum cleaner, turning a vision of a clean air future into reality.



Over **50 webcast and televised sessions** are featured in the programme. TV partners include CNBC, Bloomberg, Yicai, Caixin, IQIYI, CCTV, Tencent, Caijing, Scientific American, Wired, New Scientist and National Geographic.



The programme provides ample opportunities to discover China's vibrant innovation ecosystem. Sessions feature top-level participation from key ministries and leading research institutions.



## A Unique Platform

**900+**

Business leaders

**30+**

Technology Pioneers

**40+**

Young Scientists

**30+**

Academic leaders

### Academic partners:

University of California, Berkeley  
 Massachusetts Institute of Technology  
 Princeton University  
 Stanford University  
 Carnegie Mellon University  
 Zhejiang University  
 Hong Kong University of Science and Technology  
 Australian National University  
 Korea Advanced University of Science and Technology  
 Tokyo Institute of Technology  
 National University of Singapore  
 European Research Council  
 Imperial College London