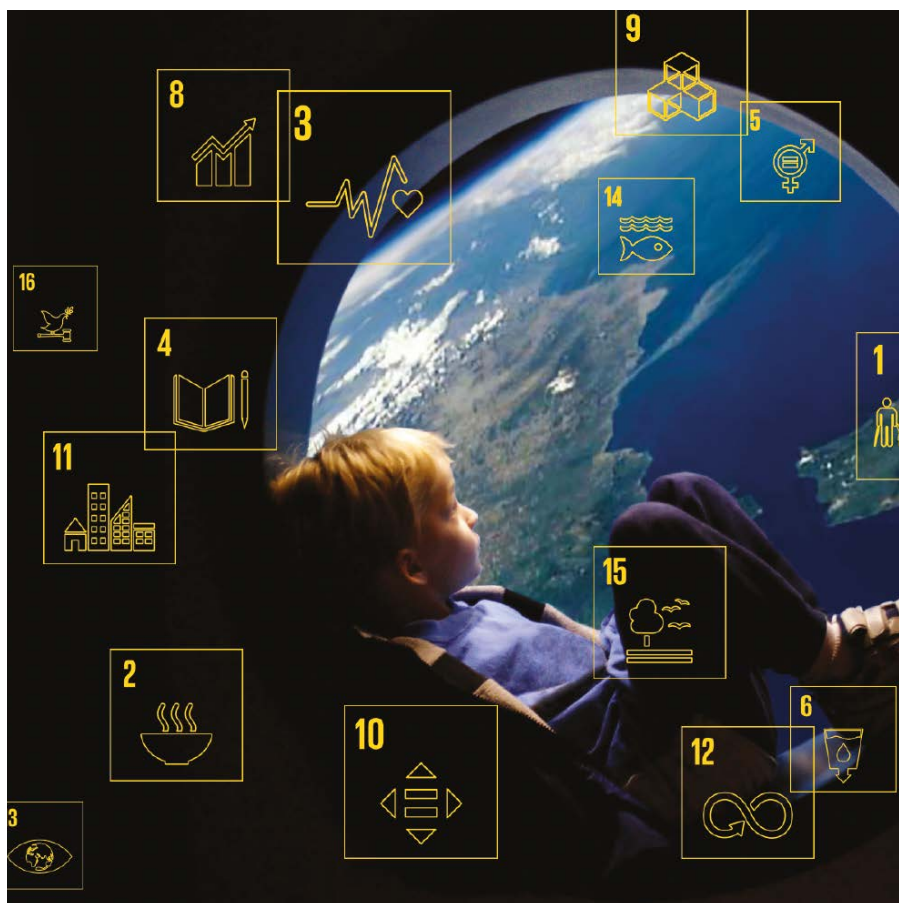


Expo 2020 Dubai Programme for People and Planet

WORLD MAJLIS AGENDA

GLOBAL GOALS WEEK

16 – 22 January 2022



DATE

Tuesday, 18th January 2022

TIME

4.00 to 6.00 PM

VENUE

Terra – the Sustainability Pavilion

THE TOPIC

EXTENDING THE REVOLUTION TO EVERY DESK AND DOORSTEP:

Fourth Industrial Revolution for Everyone

In collaboration with Morocco

The Fourth Industrial Revolution is underway, driven by a dizzying fusion of disruptive technologies across all industries and yet not accessible to all. In this great transition, we must ensure that humanity ends up the winner.

Billions of people are now connected by mobile devices, with unprecedented processing power and access to knowledge. Technology breakthroughs in fields such as artificial intelligence, robotics, the Internet of Things and biotechnology, are transforming the way we live, work and interact with unlimited possibilities. What is commonly referred to as the 'Fourth Industrial Revolution' has deep economic, social, political, cultural and environmental impacts.

To date, these changes have mostly benefitted those with access to the digital world, through both physical devices and data connectivity. In light of the looming threat of widening the existing inequalities, it is essential to think about the place of humans, and how this new industrial revolution can lead to more positive transformations that will improve people's lives and how more people can be part of it.

- What are the main changes we can expect in the near future from the current industrial transformation?
- Has the digitisation accelerated by COVID-19 also accelerated the Fourth Industrial Revolution?
- What does it mean to put humanity first in this great transition?
- How can the Fourth Industrial Revolution work towards achieving the Sustainable Development Goals?

MODERATOR

Dr Seppe Verheyen

Chief of Staff at the Anwar Gargash Diplomatic Academy, UAE



Dr Seppe Verheyen is the Chief of Staff at the Anwar Gargash Diplomatic Academy (AGDA). In this role, he acts as an advisor to the Director-General, facilitates effective decision-making and develop, manage and execute strategic initiatives related to diplomacy, international relations and policy design alongside the executive leadership of the AGDA. His work also involves establishing collaborative programmes with a range of partners in the global diplomatic ecosystem and contributing to the development and growth of the Emirati diplomats.

Since joining the AGDA, Dr Verheyen has played a key role in establishing the institution as a strong player in the local and global diplomatic ecosystem through various initiatives. These initiatives include the Future Diplomats Peace game; a 2-day negotiation simulation with representatives of 20+ countries organized together with Foreign Policy Group, the Diplomatic Leadership in the 21st-century course, a 10-day training programme with INSEAD and as well as a Model UN training programme for high-school students in coordination with the UAE Ministry of Education.

PARTICIPANTS

Yousuf L. Caires

Senior Vice President of Expo Live, Expo 2020 Dubai, UAE



Yousuf L. Caires is the Senior Vice President of Expo Live, an innovation and partnership programme launched by Expo 2020 Dubai to fund, accelerate, and promote creative solutions that improve lives while preserving our planet. Expo Live will harness the convening power of a World Expo to demonstrate how innovations coming from all places and people can advance the pace of progress and inspire a more inclusive and prosperous future.

In the build-up to the World Expo in 2020, Yousuf's role is to run Expo Live's operation and deploy of a combination of grants, challenge prizes and knowledge-sharing events focused on the universal drivers of progress: Opportunity, Mobility and Sustainability, also known as the three subthemes of Expo 2020 Dubai.

In addition to his current role, Yousuf is also a founding member and Managing Director of the Milele Zanzibar Foundation, a local NGO working to accelerate progress in the areas of health, education and livelihood opportunities in Zanzibar, Tanzania.

Yousuf has considerable experience in managing programmes that touch on innovation with a social impact. His career includes previous

leadership roles at Dubai Cares, a philanthropic organisation working to improve children's access to quality primary education in developing countries, Staples Inc and the Gillette Company.

Yousuf received his B.A. from Northeastern University and M.S. from Michigan State University on international trade and supply chain management.

Ambassador David Donoghue

Former Permanent Representative to the United Nations, Ireland



Ambassador David Donoghue had a long and varied career in Ireland's Department of Foreign Affairs. He was involved for many years in the Northern Ireland peace process. He was one of the Irish Government's negotiators for the ground-breaking Good Friday Agreement (1998), which has provided a political framework for lasting peace and stability in Northern Ireland.

Ambassador Donoghue served at different times as the Irish Ambassador to Russia, Austria and Germany. From 2001-4 he was the Director General of Ireland's development co-operation programme, today known as Irish Aid, and oversaw in this capacity a programme growing significantly in budget allocation and thematic and geographic range. He also served as Political Director from 2009-13, a post which gave him responsibility for Ireland's overall foreign policy.

From 2013-17 Ambassador Donoghue was the Permanent Representative of Ireland to the United Nations in New York. At the request of the President of the General Assembly, he served as co-facilitator (with Kenya) for the UN negotiations which led to the adoption of the 2030 Agenda for Sustainable Development in 2015. He also served as co-facilitator (with Jordan) for the negotiations which produced the New York Declaration on large movements of refugees and migrants, adopted at a special summit in September 2016.

Ambassador Donoghue retired from the Irish foreign service in Sept 2017. He is actively involved in the processes arising from the New York Declaration which will give rise, respectively, to a Global Compact on Refugees and a Global Compact on Migrants, each of which will be completed in the autumn of 2018. He is contributing to the work of a number of think-tanks and academic institutions on these issues and also on the challenges associated with implementation of the SDGs.

Oliver Kraft

Executive Vice President for the Expo 2020, Siemens



As Executive Vice President, Expo 2020, Oliver Kraft leads Siemens' efforts at one of the iconic projects in the United Arab Emirates. His mission at Expo 2020 Dubai is to help the company create a blueprint for future smart cities. Kraft is also responsible for key account management and smart district business development for the Middle East.

Kraft held various global management positions for Siemens in Germany and the USA. Amongst them the role of Senior Vice President of Operational Excellence in Corporate Technology at Siemens AG, working to optimize manufacturing, product lifecycle management and innovation. He also served as Chief Financial Officer of Siemens Concentrated Solar Power.

Wilhelm Myrer

CEO and Founder of Empower, Norway



Wilhelm Myrer is a serial entrepreneur with 15 year's experience in starting and building technology and energy ventures. He is currently the Founder & CEO of the clean-tech company Empower (www.empower.eco), building a global decentralised plastic waste deposit system powered by blockchain technology and the Chairman of the Oslo Blockchain Cluster.

He has a law-degree from the University of Oslo.

Dr Patrick Noack

Executive Director: Future, Foresight and Imagination, Dubai Future Foundation, UAE



Patrick Noack is Executive Director: Future, Foresight and Imagination, at the Dubai Future Foundation, where he manages three teams: Dubai Future Research is the research arm of the foundation and provides thought leadership on emerging technologies, social impacts and cross-domain topics; Dubai Future Councils which were established to explore how 13 key sectors could be re-imagined to be fit for the future; the World Economic Forum's UAE Center for the Fourth Industrial Revolution which develops policy-oriented research in the 4IR domains of relevant to the UAE. He also has a monthly opinion column in The National on future matters.

Prior to this role in Dubai he was senior policy adviser at the Royal Society where he led on emerging technologies and foresight. He was responsible for a landmark report on neural interface technologies – iHuman – which aimed at exploring the forthcoming scientific opportunities and the social and policy implications. In the years prior, he has developed scenarios and foresight on complex issues with United Nations specialised agencies and in the private sector.

Patrick holds a master's in social policy from the LSE and a doctorate in zoology from the University of Aberdeen.

VIRTUAL PARTICIPANTS

Othmane Akherraz

Serial entrepreneur

**(Maths/Gamification including Edukaty, The Doorz, Box Analytics);
Online Education and Virtual Classroom Expert, Morocco**



Othmane Akherraz is a graduate of Ecole Polytechnique, specialising in applied mathematics, data science and algorithmics, as well as of the Ecole des Ponts et Chaussées Paris, option quantitative finance.

He is the founder of Edukaty, an e-learning platform and The Doorz, a developer of digital escape games. He is also the co-founder of Box Analytics, a consulting firm in strategy and data transformation created in 2017.

Box Analytics supports companies in their transformation through data, through the design of decision support tools fed by data, making it possible to enrich the value chain and fundamentally transform businesses and processes in order to respond to strategic issues.

Professor Mostapha Bousmina

President, Euro-Mediterranean University, Morocco



Professor Mostapha (Mosto) Bousmina is a physical-chemist and rheologist working on nanomaterials and nanotechnology. He is the President of the Euro-Mediterranean University of Morocco in Fez, Chancellor of the Hassan II Academy of Science and Technology-Morocco, and President of the Network of African Academies of Sciences (NASAC). He is member at large of the Polymer Processing Society, Member of the World Academy of Sciences, and of the African Academy of Sciences.

Prof. Bousmina is the president of the “Fez Smart Factory” project, a 4.0 innovation ecosystem, set up on a university campus that will bring together university researchers, engineers from the industrial world, as well as project leaders.

Beside his numerous publications, awards and distinctions based on his scientific experience, Prof. Bousmina will present the “Fez Smart Factory” (FSF) industrial zone project, launched in September 2020 in Morocco, which aims to develop a sustainable industrial zone to meet the needs for improving industrial productivity and environmental and social performance, by taking advantage of the fourth industrial revolution’s concepts.