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for a sustainable future

## PROGRAMME NOTE

<b>Date and time</b>	November 22, 2016; 16:30 - 19:00
<b>Venue</b>	VIC restaurant - Cafeteria III
<b>Title</b>	A global vision for the future of manufacturing: GMIS roundtable workshop
<b>Contact person</b>	<b>Augusto Luis Alcorta</b> Email: A.Alcorta@unido.org Tel: 43 1 26026 3729 <b>Nelson Correa</b> Email: N.Correa@unido.org Tel: 43 1 26026 3493

### Objectives

The purpose of the event is to inform the audience about the Global Manufacturing and Industrialization Summit in Abu Dhabi, 27-30 March 2017.

### Abstract

Accelerated technological change is increasing the pressure to redefine competitive advantages in a globalized world. Technological development is restructuring the productive process, all the way from product design to distribution, and is leading to the adoption of new business models.

It can be argued that one of the biggest forces of change is technological convergence due to digitalization and new scientific developments. This process, in which existing technologies merge or evolve into new forms that will perform similar tasks, is disrupting the way we do business, delivering threats to some, opportunities to others and question-marks for all. Examples of converging technologies include ICT, automation and additive manufacturing, sensors, advanced materials, biotechnology, sustainable technologies, artificial intelligence and numerical modeling. Indeed, convergence is creating unprecedented global uncertainty about the future of manufacturing. There is no clear or common understanding of who will manufacture what, where will it be manufactured, what know-how will be necessary and which inputs in terms of commodities and labor will be used. Uncertainty is magnified by the need to address climate change and deal with new consumer demands.

It is clear that the fourth industrial revolution presents new and numerous challenges. To respond appropriately to these challenges, companies need to visualize the future, anticipate technological changes and adapt themselves to the new market conditions. Today, more than ever, successful companies are characterized by their capacity to align their strategic vision with the foreseeable future. Yet, with plenty of possible scenarios, there is always room for adaptation. Questions: What are the most critical upcoming technological developments that will affect manufacturing and your industry over the next 10-20 years? How can your industry respond to emerging technological disruptions and what needs to be done by other stakeholders? Considering the impact of the technological change, what modifications in corporate business practices will be necessary to cope with them? How do you imagine your company in, let's say, twenty years?

### Expected outcome

This promotional event will serve as a catalyst for senior-level initial discussion on the trends, challenges and potential solutions for the manufacturing sector; for making suggestions for topics to be included during summit deliberations; and for exploring what industry stakeholders can contribute to the summit. It is expected that attendees interest in participating in the summit will increase as a result of this event.

## Speakers



Mr. Ludovico Alcorta is the Director of UNIDO's Policy Research and Statistics Department. Prior to joining UNIDO, he served as Professor in Economics of Technology and Innovation and as Associate Dean for Research at the Maastricht School of Management. He was a Research Fellow at the Institute for New Technologies at the United Nations University and worked as an Economist for Latin America at the Economist Intelligence Unit and Midland Bank (part of the HSBC group). He has performed consultancy work for various UN Agencies. Alcorta is an Affiliated Professor at the Dusseldorf Business School; Universidad Católica del Peru in Lima; University of International Business and Economics in Beijing; and the University of Maastricht. Alcorta is currently a member of the Advisory Board, Technology and Management for Development Centre, University of Oxford, UK. He has published extensively in the areas of new technologies, innovation, industrialization and development. He has recently co-edited *Pathways to Industrialization in the Twenty-First Century: New Challenges and Emerging Paradigms*, Oxford University Press, 2013. Alcorta holds a Bachelor and Master in Economics from Universidad del Pacífico, Lima, as well as a MPhil in Development Studies and a PhD both from the University of Sussex, Brighton, UK.



His Excellency Sultan Bin Saeed Al Mansoori has been appointed as Minister of Economy in the United Arab Emirates in February 2008. His Excellency holds a Bachelor's degree in Industrial Engineering and Management Systems from Arizona State University, USA. He also has a Diploma in Computer System Analysis from the Institute of Computer Technology, Los Angeles, California.



Mohammad Shaban is a strategic advisor with over 15 years' experience of advising governments, international corporations and brands. He played a major role in global FDI campaigns for emerging economies in the Middle East and GCC specifically. He advised country and business leaders on their communications needs as well as providing one to one training for royalty, ministers and CEOs. This involves complex, international, multi-disciplinary campaigns for countries and major corporations. He has worked extensively in the GCC for the last 10 years as well as North. Clients have included the Governments and institutions of Bahrain, UAE, Kuwait, Qatar, Saudi Arabia and Egypt as well as Qatar Foundation, TECOM, Mumtalakat, Qatar Financial Centre, Etisalat and many other blue-chip international companies. Mohammad also helped to build local communications capabilities and news centers for different countries in GCC area to help launch major strategic campaigns such as Bahrain's Economic Vision 2030, Abu Dhabi Economic Vision 2030 and Kuwait parliamentary election in 2009. Building on his extensive background in strategic communications in the GCC and Levant regions, Mohammad's mandate at Strata Manufacturing PJSC as Head of Communications was instrumental for operational excellence and strategic positioning for the one and only composite aero structures manufacturing company in the Middle East region supplying airframe parts to

leading OEM's globally, such as Airbus and Boeing. Mohammad has moved to this new position, after serving Strata for almost three years as Head of Communications, to work on the first of its kind Global Manufacturing and Industrialization Summit, an initiative that is co-organized by the UAE's Ministry of Economy and UNIDO, with collaboration with the World Economic Forum's Global Agenda Council on the Future of Manufacturing.



Christoph Kainz is an advisor in the Industrial Division of the Austrian Federal Economic Chamber. He graduated from the University of Vienna with a PhD in law in 1983. He has more than 30 years of experience working for the Economic Chamber's Industrial Division. His main areas of focus lie in economic and employment law, industrial safety as well as labor market access and equal treatment for foreign residents. In addition to serving as vice-chairman of the board for Austria's "Zukunftsfonds", which subsidizes projects that foster tolerance and mutual understanding, Mr. Kainz also serves as lay judge for Austria's Supreme Court of Justice. His spoken languages are English, French, Italian and German.



Herbert Stepic is a Senior Advisor at Raiffeisen Bank International and the Honorary President of the Austro-Arab Chamber of Commerce, AACC. Mr. Stepic holds a Master's degree in business administration and a Doctorate in Economics and Commerce from the Vienna University of Economics and Business Administration. After a year in the private industry, he joined Raiffeisen Zentralbank Österreich AG (then Cooperative Central Bank, GZB) in 1973, where he built up the foreign trade service. In 1978, he took over the country council at RZB and began the construction of an international network of correspondence banks. In 1986, he became Director of the RZB, 1987 member of the RZB board, responsible for foreign business. From 1995, he was Deputy Director-General of RZB and, since 2001, also the Executive Board of Raiffeisen International (RI), in which all Eastern European network banks and financial companies were grouped together. On the occasion of the merger of the main business segments of Raiffeisen Zentralbank Österreich AG with Raiffeisen International in October 2010, he became Chairman of the Board of Managing Directors of Raiffeisenbank International, which was then newly established.



Philipp Wolfram is currently serving as an Expert in International Relations, Trade Policy, WTO, Emerging Markets and Industrial Union for the Federation of Austrian Industries, IV. Mr Wolfram holds a Master in Law from the University of Vienna and a Master in European Law from the University of Paris I: Panthéon-Sorbonne.



Javier Ealo is Business Development Manager for CEE at Robert BOSCH. Spanish citizen, he has gathered many years of experience living and working across the EU in the fields of Mobility, Energy and Environment, developing projects and new business models with private companies and public institutions. His area of interest is Smart Cities and the Connected Services which can be delivered to firms, public entities and citizens. He holds a MEng in Industrial Engineering, and a MBA from the University of Cambridge.

Michael M. Oeschmueller is currently the Director and Member of the Board at OU-International Ltd. He studied mechanical engineering at the Vienna University of Technology, was lecturer there, and worked for the Austrian Federal Government advising SMEs. He founded his first enterprise in 1988, has worked in Asia (China, Hong Kong, Japan, Malaysia), Europe (Austria, Germany, Sweden, Switzerland), and the USA



(California, Nevada), and is board member of several international companies and corporations. Mr. Oeschmueller is working in Hong Kong. Market entry to China, Hong Kong, India, Malaysia, Myanmar for European companies Mr. Oeschmueller is realizing in the highest professional way. Sourcing serious Chinese investors for European companies and patent owners Mr. Oeschmueller is doing very successfully since more than 10 years. Asia Businesses will be boosted dramatically by Mr. Oeschmueller.