



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA

TRIESTE 2020 DUBAI
INNOVATION BRIDGE

Bridging the gaps towards Industry 4.0: focus on Digital Manufacturing

#INNOVATIONBRIDGE

16 DECEMBER 2020 | 14:30 (CET)

Background/Introduction

The widespread advancement of digital technologies has resulted in the emergence of the Fourth Industrial Revolution (4IR), also known as Industry 4.0 (I4.0), that is profoundly transforming production and shaping the future of manufacturing. Notably, given the interconnected nature of our world, Industry 4.0 is bringing about a structural transformation in the global economy, with a disruptive impact reverberating in every region of the world, including in developing countries.

In fact, in these countries, the phenomenon known as “leapfrogging” and the subsequent adoption of cutting-edge technologies is generating incredible opportunities in this sector. Innovation, knowledge sharing and exchange as well as the development of strategic partnerships are pivotal to fully tap into the disruptive potential of Industry 4.0 technologies. Notably, in line with its mandate, UNIDO ITPO Italy plays a key role in creating meaningful connections and facilitating the path towards Industry 4.0 for developing countries, to bring about inclusive and sustainable industrial development (ISID) and achieve the Sustainable Development Goals.

Description

This virtual event will represent a platform for researchers, startups, fablabs and international organizations to have a conversation on models and best practices in digital manufacturing, bringing together experts from diverse backgrounds, with a particular focus on Industry 4.0. Each panellist will have 8-10 minutes to deliver a presentation focused on their specific area of expertise; afterwards, the panelists will be provided with the possibility to interact with each other and highlight the most relevant challenges and opportunities in this sector. In line with the focus of the project “Innovation Bridge Trieste – Dubai 2020”, this virtual event will shed light on the perspective of experts from the Region Friuli Venezia Giulia region and the United Arab Emirates on the subject of innovative supply chains. Furthermore, it will provide a connection with digital manufacturers from other regions of the world, showcasing their breakthroughs and success stories and analysing the challenges still to be overcome.

Main objective

The main objective of this virtual event is sharing best practices/models in digital manufacturing, to create connections and identify suitable solutions for innovation ecosystems located in different areas of the world (and with diverse technology needs and capacity). The ultimate goal of this event is to provide a platform for creating connections, giving visibility to innovative solutions and knowledge-sharing.



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UNIDO NETWORK OF INVESTMENT AND
TECHNOLOGY PROMOTION OFFICES
ROME, ITALY



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Agenda

Moderation by **UNIDO ITPO Italy**

OPENING REMARKS

Diana Battaglia - Head, UNIDO ITPO Italy

Sandra Sodini - Director of International Relations and European projects, Friuli Venezia Giulia Region (Italy) – pre-recorded message

SPEAKERS

Stefano Salvador - Head of Enterprises and Incubation Office, Area Science Park (Italy)
Area Science Park initiatives to digitalise SMEs at a local, regional and national level

Alessio Lorusso - CEO, Roboze (Italy)
3D printing, supply chain 4.0 and the Roboze ecosystem

Roberto Gallo - Director, FabLab ZOI (Ecuador)
3D printing, digitalisation and distributed production in the face of the COVID pandemic in Ecuador

Leonard Mabele - Manager, IoT Research Lab at iLabAfrica at Strathmore University (Kenya)
Initiatives to mainstream IoT and 3D printing among Kenyan private sector

Raymond Tavares - Industrial Development Officer, UNIDO

Wu Yugang - Director, SIIMPC

Digital Transformation and UNIDO's experience in China

INTERACTIVE SESSION