



Presentation of the new UNIDO e-Learning course “Application of Advanced Technologies and New Business Models in the Biopharma and Medical Sectors”



UNIDO is currently revamping its health industry strategy to grant effective and tailored-made services to member states. Among current technical cooperation projects, UNIDO is designed and supported the establishment of the Slovenian-Cuban Innovation Cluster on biopharma and medical sectors, which aims at building inter-regional partnerships for facilitating technology transfer, and the development of innovative biotech or medical solutions.

Within this context, a new e-Learning course is being launched, titled *Application of Advanced Technologies and New Business Models in the Biopharma and Medical Sectors*. The present workshop aims at providing an overview on the training.

Objects of the course: The training allows participants to explore the application of Fourth Industrial Revolution (4IR) technologies in the biopharma and medical industries, to identify potential barriers and solutions to the adoption process, and to better understand the industry's business model and market trends within the context of the 4IR. This contributes to the achievement of inclusive and sustainable industrial development (ISID) and the United Nation's Sustainable Development Goals (SDGs).

Course content: The course comprises four modules: (1) an introduction to 4IR technologies, (2) the use and potential of 4IR technologies in the biopharma and medical value chains, (3) the application of seven selected technologies (robotics, big data, cloud computing, 3D printing, Internet of Things, digital twin, and artificial intelligence), and (4) business models and market trends in biopharma and medical sectors.



Target audience: The content of the training has been designed to benefit participants working in governance, institutions, academies, firms, and small and medium-sized enterprises as well as individuals. The course is open to anyone interested, and no prior knowledge is required.

The training course has been developed in cooperation with [Aizon Ltd.](#), and with contributions from the Slovenian Ministry for Economy, Tourism and Sport (MET) and the Slovenian Enterprise Fund (SEF). The training will be accessible through the [UNIDO Knowledge Hub](#), within the Training Academy section, free of charge.

Agenda:

Presentation of the new UNIDO e-Learning course “Application of Advanced Technologies and New Business Models in the Biopharma and Medical Sectors” Wednesday 31 May 2023 Online via Microsoft Teams	
	Moderator: Mr. Alejandro Rivera Rojas , Industrial Development Officer, UNIDO
15:00 – 15:10 CEST 10 mins	Mr. Fabio Russo , Chief, UNIDO <i>Opening remarks, 5 mins</i> Ms. Maja Tomanic Vidovic , Director, Slovene Enterprise Fund <i>Opening remarks, 5 mins</i>
15:10 – 15:45 CEST 35 mins	Mr. Alejandro Rivera , UNIDO <i>Introduction to the session, 5 mins</i> Mr. Toni Manzano , Chief Scientific Officer and co-founder, Aizon <i>Presentation of the Training, 20 mins</i> Mr. Borut Strukelj , Senior Expert on Health Industry, UNIDO <i>UNIDO Health Industry work: The Slovenia-Cuba Innovation Cluster on Biopharma, and UNIDO International Center for Industry Readiness, 10 mins</i>
15:45 – 16:00 CEST 15 mins	Mr. Toni Manzano , Chief Scientific Officer and co-founder, Aizon <i>Q&A, 10 mins</i> Mr. Alejandro Rivera Rojas , Industrial Development Officer, UNIDO <i>Closing session, 5 mins</i>

Registration and information:

The workshop will take place online, through Microsoft Teams. Please, register [here](#).
For more information: Ms. Sibilla Sartori, s.sartori@unido.org