

FUTURE-PROOFING ISDB MEMBER COUNTRIES IN THE ERA OF FOURTH INDUSTRIAL REVOLUTION AND RESILIENT GLOBAL VALUE CHAINS

Date: 27 August 2021 Time: 2 pm (Jeddah Time) Venue: Webinar

The world has gone through three successive industrial revolutions since the 18th century. While each revolution increased income levels and contributed to the well-being of the international community, they also created more inequality between countries and the ones lagging faced unprecedented development challenges. At the beginning of the 21st century, we are at the cusp of the 4th industrial revolution (4IR). 4IR is the last of the successive industrial revolutions which already started to bring significant changes to our lives. Technological developments in artificial intelligence, machine learning, cloud computing, robotics, smart factories, internet of things, 3D printing, digitalization, automation, blockchain, autonomous and electric vehicles are advancing with incredible speed that countries are in a race to adopt them. These technological advancements are coupled with emerging global challenges such as climate change, population growth, increasing youth unemployment, rapid urbanization, migration, and food security. IsDB Member Countries need to prepare for these significant transformations to achieve their socio-economic development goals.

KEY ISSUES TO BE ADDRESSED

- a) 4th Industrial Revolution and the positioning of IsDB Member Countries in four key industries of Agri-Food, Mining and Construction, Petrochemicals, Textiles and Apparel.
- b) Emerging technologies that shape the 4th Industrial Revolution.
- c) The outlook of Global Value Chains (GVC) in Agri-Food, Mining and Construction, Petrochemicals, and Textiles and Apparel Sector.
- d) The challenges and opportunities for IsDB Member Countries in resilient Global Value Chains.
- e) The features of Agri-Food, Mining and Construction, Petrochemicals, Textiles and Apparel industries in a post-pandemic world.

Richard Federowski is an expert on Textiles and Apparel industry and has expertise in strategy development, customer-centricity, omni-channel commerce, merchandise planning and allocation, supplier management, restructuring & turnaround, corporate finance and performance/process improvement. He holds a Master and PhD in Economics from the Handelshochschule Leipzig.



Stephan Fath is specialized in advising global pharmaceutical, MedTech, and chemical industries, as well as private equity funds and investors. He has developed multiple corporate strategies, including overseeing the successful creation of innovative supply models. He has an interdisciplinary background, holding a double degree in Business Administration and Chemistry from the University of Duesseldorf, Germany.



Wilhelm Uffelmann is an expert on Consumer Goods, Retail & Agro-Business sectors. He has been consulting firms, international organizations, and public agencies on corporate strategy, market entry, sales strategies, procurement, supply chain management, due diligence and restructuring. He studied Agricultural Economics at Martin Luther University Halle-Wittenberg and earned a PhD in Business Administration from TUM in Munich.



Dragos Fundulea is an expert on mining, construction, energy/ utilities, automotive & transportation, e-mobility & alternative fuels. He has special expertise in large transformation projects, efficiency improvement, LEAN management, reorganization and performance management. He has degrees on Business, Economics, and Automotive Engineering.



Mustafa Yağcı (Moderator) is a Senior GVC Specialist at the Department of Strategy and Transformation of the Islamic Development Bank. His expertise includes international political economy, political economy of development, industrial policy, central banking, and GVCs. He has a Masters degree in Economics from the University of Iowa and PhD in Political Science and International Relations from Koç University.

