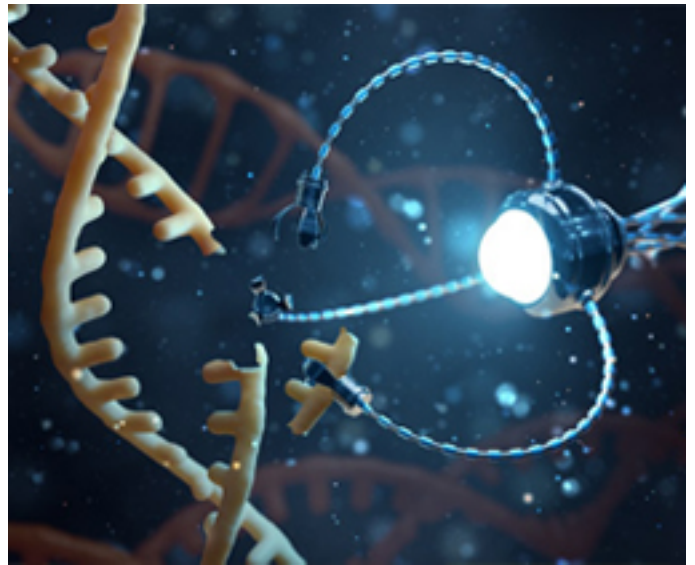


MANCHESTER
1824

The University of Manchester

Foresight in action



EXECUTIVE ONLINE COURSE

3 half days | 9 sessions | 9 Hours

We are taking a **new** case study-based approach to short executive courses to provide agile and rapid training on common rationales, approaches, frameworks, methods and types of outcomes related to iconic and recently completed foresight projects in multiple application areas. Our case-based approach enables a more intense interaction between course participants as they gain insights and new knowledge on state-of-the-art foresight practices related to successfully completed foresight projects.

Together with VTT Technical Research Centre of Finland Ltd we are launching a new set of online courses focused on foresight 'best practices'. The course is structured around six case study sessions and three assessment sessions delivered over a 3-half day programme.

For further info, contact: Deborah.Cox@manchester.ac.uk or Rafael.Popper@vtt.fi

Foresight in Action

Register for half day, two half days or the full course. Since this is a **NEW** live and interactive online course, our introductory price offer is for **200€ per half day or 500€ for the full course**. The course will take place 30th Nov to 2nd Dec, 2020 (Monday, Tuesday and Wednesday) 8-11AM (GMT+1). Electronic **Course Certificate** will be provided.

Half Day 1 **Monday November 30th 2020**

- **Case 1: Foresight on wicked-problems, wild cards and moon-shots ***
Session based on lessons learned from the EU-funded iKnow project
- **Case 2: Foresight on health technologies and workforce strategies ***
Session based on lessons learned from the CfWI project for the UK Department of Health
- **Acting: Inter-acting group session for Q&A and practical discussions ****
Here you will act as a *Top-level Manager* in your country or organisation (e.g. Prime Minister, Governor, Company/Organisation Director, CEO, Vice President of a research/innovation area or department). The discussions will focus on co-creating higher level strategic agenda-setting or 'big picture' Sustainable Futures Goals (SFGs) or targets.

Half Day 2 **Tuesday December 1st 2020**

- **Case 3: Foresight on governance and management of sustainable innovation ***
Session based on lessons learned from the EU-funded CASI project
- **Case 4: Foresight on technology areas and roadmaps in cutting-edge sectors ***
Session based on lessons learned from the UAE Space Agency project
- **Acting: Inter-acting group session for Q&A and practical discussions ****
Here you will act as a *Mid-level Manager* in your country or organisation (e.g. Research Area manager, Team leader, Working Group leader, etc.). The discussions will focus on co-creating instruments, mechanisms, incentives or programmes to embed foresight into the activities conducted by researchers, scientists, consultants or employees under your management.

Half Day 3 **Wednesday December 2nd 2020**

- **Case 5: Foresight on opportunity pathways for key forest-based bioeconomy areas (FBA) ***
Session based on lessons learned from the FBA project for the Government of Uruguay
- **Case 6: Foresight on science, technology and innovation priority-setting ***
Session based on lessons learned from the EU-funded VERA project
- **Acting: Inter-acting group session for Q&A and practical discussions ****
Here we will select two to three cases or initiatives from the **Universal Foresight Observatory (UFO)** – available at <https://www.universalforesight.com/ufo/> – and invite participants to act as *evaluators* (if the case is completed) or as *advisors* (if the case is ongoing).

* The course cases will be delivered by Principal Scientist Dr. Rafael Popper.

** The inter-acting group sessions will be facilitated by Dr. Popper and Senior Scientist Jouko Myllyoja.

In line with our knowledge transfer policy, we will produce an opinion blog in MIOIR and VTT websites to share key outcomes and insights from the discussions in the inter-acting group sessions.

Course organised by MIOIR / AMBS



The **Manchester Institute of Innovation Research (MIOIR)** is a centre of excellence in the field of innovation studies, building on a 50-year tradition of innovation and science studies in Manchester. MIOIR consists of a group of internationally renowned scholars and experts, and supports a broad expertise across a range of academic disciplines. MIOIR is in the Innovation, Management and Policy division of the **Alliance Manchester Business School (AMBS)**, one of the largest research groups for innovation management and policy globally. MIOIR is at the heart of innovation related research and form one of the largest components of the University of Manchester Research Institute (UMRI). MIOIR is a recognised international centre of excellence for the study of Science, Technology and Innovation (STI) policy and management. The Institute informs science and innovation policy by engaging with key policymakers, in the UK, Europe and further afield. Reflecting the ethos of rigour and relevance, engagement with key stakeholders is at the core of MIOIR's work.

MIOIR has been running foresight training courses since 1999. Building on over twenty years of foresight experience, MIOIR is able to call upon a wealth of expertise, from staff with know-how of the practice of foresight, as well as from sponsors and practitioners. This online course on **Foresight in Action** runs in alliance with **VTT Technical Research Centre of Finland Ltd**, a leading global research and technology development organisation. Future-oriented innovation policy research is a key focus for VTT, supported by the Centre's competencies in qualitative and quantitative methods.

In alliance with VTT



VTT Technical Research Centre of Finland Ltd is one of Europe's leading research institutions. VTT is owned by the Finnish state. VTT's main task is to advance the utilisation and commercialisation of research and technology in commerce and society. Through scientific and technological means, VTT turns large global challenges into sustainable growth for businesses and society. VTT's research is guided by the company's lighthouse themes: climate action, resource sufficiency, good life, safety and security and industrial renewal.

Course Director & Facilitator



Dr. Rafael Popper (PhD) is Principal Scientist in Foresight-Driven Business Strategies at VTT Technical Research Centre of Finland Ltd. Dr Popper is also Director of Executive Education in 'Foresight and Sustainable Futures' at the Manchester Institute of Innovation Research (MIOIR) of the University of Manchester in the UK. He was also appointed as Professor of Foresight and Science, Technology and Innovation (STI) Governance at the National Research University Higher School of Economics (HSE) in Russia. He has over twenty years of experience working as foresight and innovation policy consultant for several international organizations including the European Commission, Economic Commission for Latin America and the Caribbean (ECLAC), United Nations Industrial Development Organization (UNIDO), United Nations Development Programme (UNDP), World Bank, UN Economic and Social Council, UN Programme on Reducing Emissions from Deforestation and Forest Degradation Programme (UN-REDD), Andean Community of Nations (CAN), as well as for several government and business organisations in Europe, Latin America, Africa, Asia and Australia.

Contact at: Rafael.Popper@vtt.fi

CO-Facilitator



Mr. Jouko Myllyoja (MSc in Marketing, MSc in Environmental engineering, Bachelor of Arts) works as a senior scientist in VTT. He shares particular interest towards methodological development of foresight - futures knowledge creation through participatory activities and actions in particular. His responsibilities have covered designing and managing foresight projects in various substance areas. His thematic fields of interests concern e.g. innovation ecosystems, organizational development and futures of work. His late assignments cover projects such as Cybersecurity Awareness and Knowledge Systemic High level Application (Horizon 2020) and ICT for Health in South Africa (Ministry for Foreign Affairs of Finland).

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