

3 days training course on Foresight for the National Research Council of Italy (CNR)



Manchester Institute of Innovation Research (MIOIR)

Manchester Business School (MBS), The University of Manchester,
Harold Hankins Building, Oxford Road, Manchester, M13 9PL, UK

<http://research.mbs.ac.uk/innovation/>

Course Speakers

Dr Rafael Popper
Guillermo Velasco

9 – 11 February 2016

Day 1

Time	Session Title				
Coding	~15 min	~30 min	~45 min	~60 min	~90 min
09.30 – 09.45	Welcome				
09.45 – 10.00	Opening session available to wider CNR audience in streaming Opening remarks (Ezio Andreta)				
10.00 – 10.30	Summary of ongoing and forthcoming CNR Foresight Activities (Giorgio Einaudi) The methodology and approach selected for the Science and Technology Foresight Project and the reasons for this selection				
10.30 – 10.45	Introduction to the seminar (MIoIR team)				
10.45 – 11.30	Foresight Fundamentals and Methods 1 (R. Popper) A comprehensive review of Foresight Methods, tools and techniques				
11.30 – 11.45	Tea and Coffee				
11.45 – 12.30	Foresight Fundamentals and Methods 2 (R. Popper) cont. Analysis of the pros and cons of each of the tools and methodologies described in session one				
12.30 – 13.00	Q&A and discussion of strengths and weaknesses of various Foresight approaches with particular reference to the Science and Technology Project approach Closure of the Open session in streaming				
13.00 – 14.00	Lunch				
14.00 – 14.15	Introduction to the training course (MIoIR team)				
14.15 – 15.00	A detailed examination of top-down vs bottom-up foresight approaches (R. Popper & G. Velasco)				
5.00 – 15.45	Interactive discussion on mixing technocratic and democratic approaches How could additional tools or techniques add value to the current S&T Foresight Project approach?				
15.45 – 16.45	Practical on Process and Methodology (R. Popper & G. Velasco)				
16.45 – 17.00	Tea and Coffee				
17.00 – 17.30	Q&A + Open discussions				
18.30	Networking dinner				

Day 2

Time	Session Title				
Coding	~15 min	~30 min	~45 min	~60 min	~90 min
09.30 – 10.15	Using Interaction: Multi-Stakeholder and WI-WE Workshops (R. Popper) <i>Selected case studies: VERA and iKnow projects</i>				
10.15 – 11.15	Practical on the design and management of participatory processes				
11.15 – 11.30	Tea and Coffee				
11.30 – 12.15	Using Expertise: Expert Panels and Interviews (R. Popper & G. Velasco) <i>Note: Includes discussion on the role of expertise in WI-WE analysis</i>				
12.15 – 13.15	Practical on the design and management of expert-based processes				
13.15 – 14.15	Lunch				
14.15 – 15.15	Roadmapping Fundamentals and Applications (R. Popper & G. Velasco) <i>Note: Includes discussion on the role of WI-WE analysis in Roadmapping</i>				
15.15 – 16.15	Practical on Roadmapping				
16.15 – 16.30	Tea and Coffee				
16.30 – 17.00	Q&A				

18.30 **Networking dinner**

Day 3

Time	Session Title				
Coding	~15 min	~30 min	~45 min	~60 min	~90 min
09.30 – 10.15	Using the results of Foresight: From Anticipating to Recommending Futures (R. Popper & G. Velasco) Drawing conclusions from Foresight activities How to present results How to engage stakeholders				
10.15 – 11.15	Practical on Recommendations and Impact <i>Note: Includes discussion on the role of WI-WE analysis in Recommendations</i>				
11.15 – 11.30	Tea and Coffee				
11.30 – 12.30	Interactive discussion on CNR Foresight vis-à-vis global foresight approaches How can the S&T Foresight team improve the presentation of the results of the Foresight project? How can stakeholder engagement be improved?				
12.30 – 13.00	Q&A				
13.00 – 14.00	Lunch				
14.00 – 15.00	Sustaining impact: On foresight and horizon scanning platforms (R. Popper) <i>Note: Includes discussion on keeping momentum and targeting the triple-helix</i>				
15.00 – 15.30	Closing remarks				

About the speakers

Dr Rafael Popper is Research Fellow and Director of Executive Education on Foresight at the Manchester Institute of Innovation Research of the University of Manchester, where he completed his PhD on 21st Century Foresight. He is also Innovation Director and CEO of Futures Diamond in Czech Republic; Director of iKnow - The Innovation, Foresight and Horizon Scanning System; Director of the Summer/Winter Schools of the International Foresight Academy (IFA); and Leader of the Mapping activities of the European Foresight Platform (EFP). His main areas of work include: 'foresight' as an instrument of policy, the development of foresight and horizon scanning methodology, the design of forward-looking activities and their evaluation (with a focus on European and Latin American innovation policies). He is also an economist from the Central University of Venezuela (UCV) and before moving to the UK he worked for two years (2001-02) as Research Fellow at the United Nations Industrial Development Organisation (UNIDO) and the International Centre for Science and High Technology (ICS) in Italy. His research contributed to the development of the first online foresight tools (mid-1990s) and he has since been advising future-oriented initiatives of government, business, research and education actors at local, national and international levels.

Guillermo Velasco's research interests are related with future-based anticipatory methods, policy recommendations formulation and critical discourse analysis. He works as a researcher at the Manchester Institute of Innovation Research, where he is completing his PhD in the field of Strategic Intelligence for Innovation policies. He is currently analysing how forward-looking activities may lead to more consistent policy advices. He holds a BEng in Industrial Economics from the Technical University of Madrid (UPM), and a MPhil in Economics and Innovation Management from UPM and EU-SPRI. He has experience in the creative industries, as Director of Innovation, and has been actively involved in product innovation conception & development, IPR and brand management, and 'design thinking' corporative assessment. He has also worked as an Industrial Organization advisor in Spain and Sweden. He participates in several European Commission funded projects, to inform on the future of ERA (VERA project), and to develop a common framework for the management of sustainable innovation (CASI), as well as in other Horizon scanning initiatives, sponsored by the UK NHS, for identifying new technologies and models of care. Guillermo also collaborates as a Master Executive Lecturer of Internationalisation Strategies for the European University of Madrid.

About the training course in Foresight

The world continues to experience great uncertainty about the unfolding economic crisis and its wider aftershocks. Many countries, industries and public services face uncertain and challenging futures where the quest for opportunities is increasingly competitive. Economic discontent has combined with existing political stresses to catch many institutions – and countries – wrong-footed. Meanwhile, globalisation, demographic, environmental and technological trends are reshaping the rules of the game. This intensifies the need for reflection upon all sorts of assumptions, plans and strategies for the long-term future.

The Manchester Institute of Innovation Research (MIOIR) has been running intensive foresight training courses for over a decade. The course explores ways in which foresight can help decision-makers confronted with the uncertainties outlined above. What do we have to look for on and over the horizon? How can this be tackled systematically, with results that are really useful for decision-makers? What is the role for scenario analysis and planning?

The course provides a concentrated and intensive, practically-orientated learning experience. It explicates why, and how, we should apply forward looking approaches. It considers how to move beyond “narrow” technology foresight: how to address interrelations between social and environmental issues, and the application of foresight and horizon scanning tools to complex topics such as health and sustainable innovation. The approaches presented are generally applicable, but illustrated with specific cases. The course emphasises the application of foresight to inform strategies, policies, and priorities. Coordinated lectures and practical work enable participants to experience the relevance and the realities of foresight activity.

The course is aimed at people whose work is liable to affect the future of business, government or Non-Governmental Organisations. For instance, they may work, or expect to work, as:

- sponsors of foresight projects
- foresight practitioners
- entrepreneurs
- senior managers
- company directors

The Institute's unique position in foresight activity has resulted in wide international participation in the course in previous years. This includes people from over 50 including: Canada, the Caribbean, the Czech Republic, Denmark, Finland, Hungary, Indonesia, Iran, Ireland, Latin America, Luxembourg, Malaysia, Malta, The Netherlands, Norway, Portugal, the Russian Federation, South Africa, South Korea, Spain, Sweden, Thailand, Turkey, the UK and many other countries. The course draws upon MIOIR's extensive experience of organising, consulting, researching and teaching/training in foresight activities across Europe, Latin America, Africa and the Middle and Far East. We have provided direct assistance to more than a dozen countries' national Foresight exercises, and have longstanding co-operation with the EC and UNIDO.

Manchester Institute of Innovation Research

The Manchester Institute of Innovation Research (MIoIR) is the research centre of excellence in the Manchester Business School (MBS) and The University of Manchester in the field of innovation and science studies. With more than 50 full members and a range of associated academics from across the University, MIoIR is Europe's largest and one of the World's leading research centres in this field.

The Institute's key strengths lie in the linkage and cross-fertilisation of economics, management and policy around innovation and science. Building on forty years of tradition in innovation and science studies, the Institute's philosophy is to combine academic rigour with concrete practical relevance for policy and management. This includes broad engagement with and research for policy makers and societal and industrial stakeholders in the Manchester City Region, across the UK and internationally. MIoIR is also firmly committed to a range of teaching activities within and beyond MBS and integrates a strong and successful PhD programme into its research activities. The Institute has a visitor programme for academics and management and policy practitioners and provides a range of popular and high level executive education courses on evaluation, foresight and S&T Policy.

For more information please visit www.mbs.ac.uk/research/portals/innovation/