Smart Specialisation for Sustainable Development Goals

Localised Science, Technology and Innovation Roadmaps for transformation and development
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Brussels, Belgium

5-6 March 2020
The Addis Ababa Action Agenda\(^1\) recognises science, technology and innovation as a means to achieve Sustainable Development Goals (SDGs). Starting in November 2018, the European Commission’s Joint Research Centre (JRC) has been working to share the EU experience on Smart Specialisation (S3) Strategies as one of the global methodologies for Science, Technology and Innovation (STI) Roadmaps for the achievement of SDGs, with a distinctive localised (place-based) approach and widespread application across EU regions. At the same time, there has been a growing interest in adopting S3 as a reference approach to localised innovation-led transformation agendas in a number of countries across the globe, as well as an increasing focus on SDGs as key framework for setting targets and ambitions.

This workshop, organised in cooperation with the European Committee of the Regions and UN – Department for Economic and Social Affairs (DESA), will bring together the two perspectives mentioned above: firstly, on 5 March, it will summarise the challenges and achievements in implementing S3 as localised roadmaps for transformation and for the achievement of the SDGs. Secondly, on 6 March, it will bring together UN stakeholders including UN-DESA, UNIDO, UNESCO, UNCTAD, the World Bank and countries involved in the UN Global Pilot Programme on STI Roadmaps for SDGs\(^2\) to discuss the progress in testing the emerging global methodologies and tackling sustainability challenges in the context of rapid technological change.

The event will bring together high-level speakers from EU and UN institutions, EU Member States and regions, the UN global pilot programme countries, other international institutions as well as experts and practitioners.

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2. [https://sustainabledevelopment.un.org/tfm#roadmaps](https://sustainabledevelopment.un.org/tfm#roadmaps)
5 March 2020

Venue: European Economic and Social Committee / European Committee of the Regions
room VM3 (2 Rue Van Maerlant)

8:30 – 9:00 Registration of participants and welcome coffee

9:00 – 9:40 Welcome and opening address
Apostolos Tzitzikostas, President of the European Committee of the Regions
Charlina Vitcheva, Director General (Acting), Joint Research Centre, European Commission

9:40 – 10:00 United Nations perspective: STI Roadmaps for SDGs
Shantanu Mukherjee, Chief, Integrated Policy Analysis Branch (IPAB), Division for Sustainable Development Goals, Department of Economic and Social Affairs (UN-DESA), United Nations Headquarters

10:00–10:45 Keynote presentations: Global efforts to mobilise Science, Technology and Innovation for Sustainable Development Goals
Japan’s policy package for Society 5.0 and STI for SDGs
Fumikazu Sato, Councillor for Innovation Promotion, Cabinet Secretariat / Deputy Director General for Science, Technology and Innovation, Cabinet Office (video connection)

Sustainability check for STI policies – Is your innovation good for the planet?
Michal Miedzinski, Senior Research Associate, Institute for Sustainable Resources, University College London

Smart specialisation and place-based STI Roadmaps for SDGs – the EU Experience
Monika Matusiak, Coordinator for Smart Specialisation and Sustainable Development Goals, Joint Research Centre, European Commission

Moderation: Alessandro Rainoldi, Head of Territorial Development Unit, Joint Research Centre, European Commission

Discussion

10:45–11:15 Coffee break
11.15–13.00  Panel discussion around examples of localised (place-based) STI roadmaps for transformation
Presentations of local, regional, national and international partnership applications of Smart Specialisation as a localised and transformative STI Roadmap for SDGs

Gloria Marmolejo Jaramillo, Director General of the State Council of Science and Technology of Colima, Mexico (CECYTCOL) and Technical Secretariat of the Commission of Science and Technology of the National Conference of Governors of Mexico (CONAGO), Mexico

Beata Lubos, Deputy Director, Innovation Department, Ministry of Economic Development of Poland

Nina Therese Maubach, Special Adviser, Global Development, Research Council of Norway

Bruce Wilson, Director, EU Centre of Excellence, RMIT University, Social and Global Studies Centre, Australia

Enric Fuster, SDG Monitoring Platform of Catalonia, Siris Academic

Minna Torppa, Programme Manager, Six City Strategy Office, Forum Virium Helsinki

Cecilia Gañán de Molina, Expert, International Agri-Food Partnership on Traceability and Big Data

Moderation: Manuel Palazuelos Martinez, Team Leader, Smart Specialisation Platform, Joint Research Centre, European Commission

13:00 –14:30  Lunch break and networking session

Poster session: Presentations of local, regional, national and international partnership applications of Smart Specialisation as a localised and transformative STI Roadmap for SDGs

Tanya Atanasova, Sofia Mayor Office, Sofia, Bulgaria
Luc Hulsman, Programme Manager, Northern Netherlands Alliance
Laura Peukhuri, Manager, Regional Council of South Karelia, Finland
Daniele Antinarella, Policy Officer, Abruzzo Regional Council, Italy
Thomas Högman, International Smart Specialisation Partnership: Consumer Involvement in Agri-food Innovation
Fabio Boscaleri/Jos Berkvens, International Smart Specialisation Partnership: High Technology Farming
Sophie Bourez, International Smart Specialisation Partnership: Nutritional Ingredients
Veerle Rijckaert, International Smart Specialisation Partnership, Smart Sensors 4 Agri-food
Lutz Walter, International Smart Specialisation Partnership, Textile Innovation

Moderation: Katerina Ciampi Stancova, Joint Research Centre, European Commission
14:30–15:30  Roundtable of the European Commission services (tbc): Innovation for sustainable transformation and development

DG NEAR, DG DEVCO, DG REGIO, DG R&I, EEAS (tbc)
**Moderation:** Charlina Vitcheva, Director General (Acting), Joint Research Centre, European Commission

15:30 –16:00  Coffee break

16:00–17:30  Venue: European Economic and Social Committee, rooms VM3, VM6/45 and VM8/45 (2 Rue Van Maerlant)

**Parallel sessions on implementing challenges**

- **Towards Sustainable Smart Specialisation Strategies – how can we make S3 greener?**

  **Amani Charrad,** Chief Administrative Officer, International cooperation and Support to Research & Innovation at the National Agency for Scientific Research Promotion (ANPR), Tunisia

  **Chux Daniels,** Research Fellow in Science, Technology and Innovation (STI) Policy SPRU (Science Policy Research Unit), University of Sussex, UK

  **Michal Miedzinski,** Senior Research Associate, Institute for Sustainable Resources, University College London

  **Ingeborg Niestroy,** Associate, International Institute for Sustainable Development / SDG Watch Europe

  **Batnairamdal Otgonshar,** Advisor to Chief of Cabinet Secretariat, Government of Mongolia

  **Luc Hulsman,** Programme Manager, Northern Netherlands Alliance

  **Moderation:** Manuel Palazuelos Martinez, Team Leader, Smart Specialisation Platform, Joint Research Centre, European Commission

- **Upscaling cooperation and developing partnerships on localised STI Roadmaps for SDGs**

  **Mahama Ouedraogo,** The Director of Human Resources, Science and Technology Department of the African Union Commission (tbc)

  **Jonathan Wong,** Chief of Technology and Innovation, UN ESCAP

  **Mario Cervantes,** Senior Economist, Science and Technology Policy Division, OECD

  **Clovis Freire Junior,** Economic Affairs Officer, Science, Technology and Innovation Policy Section, Division on Technology and Logistics, UNCTAD

  **Fernando Santiago Rodriguez,** Research and Industrial Policy Officer, Research and Industrial Policy Advice Division, UNIDO

  **Kornelia Tzinova,** Assistant Programme Specialist, Division of Science Policy and Capacity-Building, UNESCO

  **Tengfei Wang,** Economic Affairs Officer, Trade Facilitation Unit Trade & Investment Division, UN ESCAP
Tateo Arimoto, Japan Science and Technology Agency (JST) / National Graduate Institute for Policy Studies (GRIPS) (video connection)

Moderation: Johan Stierna, Smart Specialisation Platform, Joint Research Centre, European Commission

- How to monitor progress towards the SDGs: the approach towards policy-relevant Voluntary Local Reviews

Alessandro Rainoldi, Head of Unit, Joint Research Centre, European Commission
Robin Moore, Executive Director, Gauteng City Region Observatory, South Africa
Minna Torppa, Programme Manager, Six City Strategy Office, Forum Virium Helsinki

Moderation: Taina Tukiainen, Professor, Corporate Entrepreneurship & Innovation, Aalto University

Rapporteurs: Mafini Dosso, Katerina Clampon Stancova, Karolina Horbaczewska

17:30-18:00 Wrap-up session and Closing remarks

Parallel session rapporteurs feed in

Mikel Landabaso Alvarez, Director for Growth and Innovation, Joint Research Centre, European Commission
Markku Markkula, Vice-President of the European Committee of the Regions

18:00-19:30 Networking cocktail
6 March 2020

Meeting of UN-IATT Global Pilot Programme

Venue: European Committee of the Regions, room JDE51
(Batiment Jacques Delors, Rue Belliard 99/101)

08:45 – 09:15 Registration of participants and welcome coffee

09:15 – 09:45 Setting the scene
Wei Liu, Technology Facilitation Mechanism Coordinator, Sustainable Development Officer, Division for Sustainable Development Goals, Department of Economic and Social Affairs (UN-DESA), United Nations Headquarters
Naoto Kanehira, Senior Private Sector Specialist, The World Bank
Liliana Pasecnic, Deputy Head of Inter-institutional, International Relations and Outreach Unit, Joint Research Centre, European Commission

09:45 – 10:45 Grasping rapid technological change and emerging technologies for sustainability

Presentations:
Digitization and new technologies for sustainable development
Federico Menna, Head of Innovation and Education Operations, EIT Digital
Tech and the city
Alessandro Rainoldi, Head of Territorial Development Unit, Joint Research Centre, European Commission
Nebojsa Nakicenovic, Professor emeritus, IIASA and Technical University of Vienna, Austria
Veerle Vandeweerd, Policy Director, Global Sustainable Technology and Innovation Conference (G-STIC), Belgium
Elmer William Jr Colglazier, Senior Scholar, Visiting Scientist, Centre for Science Diplomacy, American Association for the Advancement of Science, Washington DC, USA

Moderation: Katerina Ciampi Stancova, Joint Research Centre, European Commission
10:45 –12:00  

**Country progress in the UN-IATT Global Pilot Programme**  
**Country presentations**

**Viktor Nedovic**, Assistant Minister, Ministry of Education, Science and Technological Development, Serbia  
**Solomon Benor Belay**, Director General for Science and Research Affairs, Ministry of Science and Higher Education, Ethiopia  
**Sachin Chaturvedi**, Director General at the Research and Information System for Developing Countries (RIS), New Delhi, India  
**Wilhelmina Quaye**, Director of the CSIR-Science and Technology Policy Research Institute, Accra, Ghana  
**Tom Peter Migun Ogada**, Executive Director, African centre for Technology Studies, Kenya

**Moderation:** **Shantanu Mukherjee**, Chief, Integrated Policy Analysis Branch (IPAB), Division for Sustainable Development Goals, Department of Economic and Social Affairs (UN-DESA), United Nations Headquarters

**Discussion**

12:00 –12:30  

**Coffee break**

12:30 –13:30  

**Conclusions on the country progress and next steps**

**Clovis Freire Junior**, Economic Affairs Officer, Science, Technology and Innovation Policy Section, Division on Technology and Logistics, UNCTAD  
**Fernando Santiago Rodriguez**, Research and Industrial Policy Officer, Research and Industrial Policy Advice Division, UNIDO  
**Kornelia Tzinova**, Assistant Programme Specialist, Division of Science Policy and Capacity-Building, UNESCO  
**Wei Liu**, Technology Facilitation Mechanism Coordinator, Sustainable Development Officer, Division for Sustainable Development Goals, Department of Economic and Social Affairs (UN-DESA), United Nations Headquarters  
**Naoto Kanehira**, Senior Private Sector Specialist, The World Bank  
**Monika Matusiak**, Joint Research Centre, European Commission

**Moderation:** **Alessandro Rainoldi**, Joint Research Centre, European Commission

**Discussion and close**

13:30 –14:30  

**Farewell lunch**