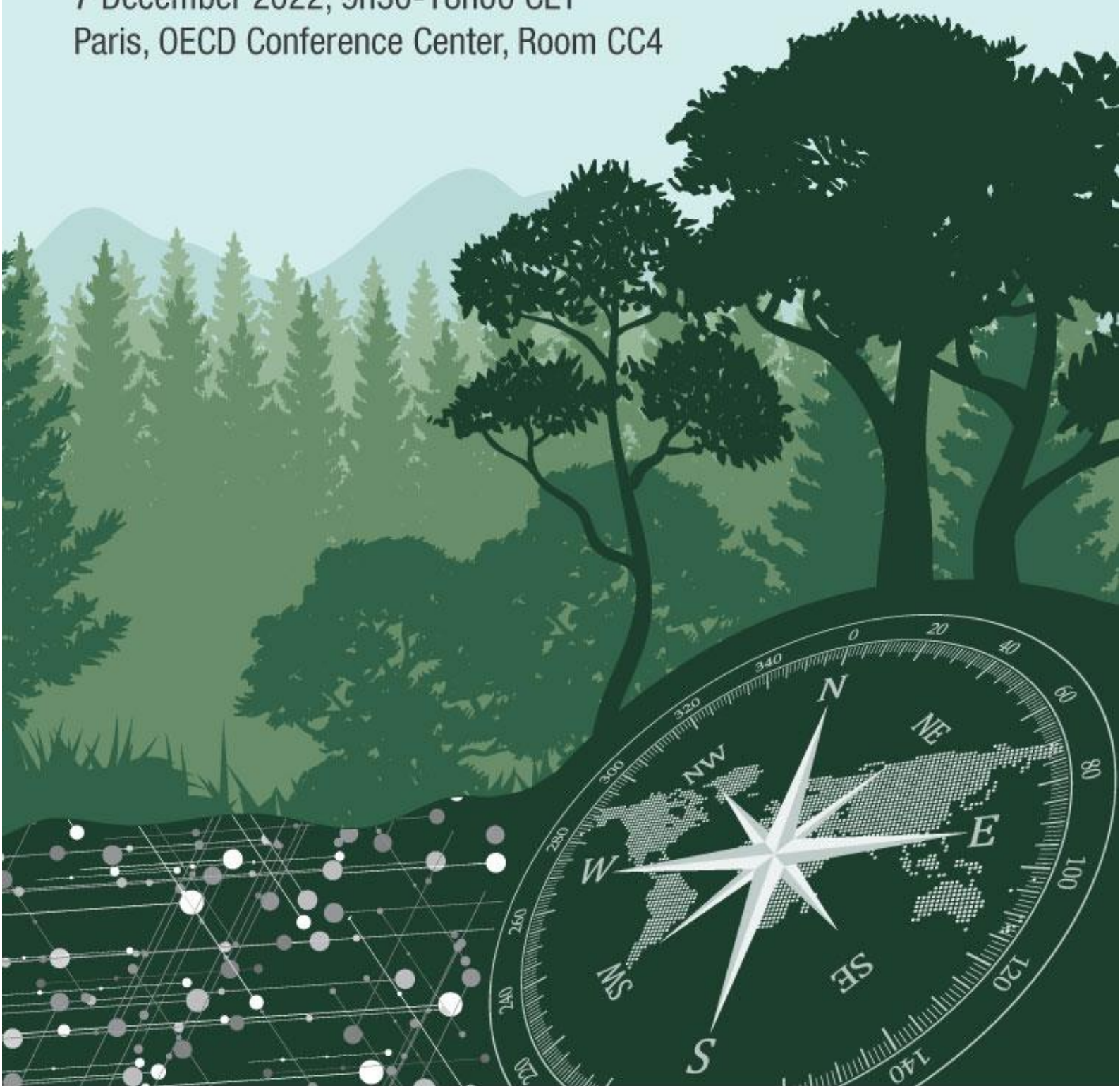


60th TIP: RETHINKING INNOVATION POLICY IN TIMES OF TRANSITIONS

WORKING PARTY ON INNOVATION AND TECHNOLOGY POLICY

7 December 2022, 9h30-18h00 CET
Paris, OECD Conference Center, Room CC4



TIP WORKSHOP:

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The world today looks very different from what it was just five years ago. The impacts of the COVID-19 pandemic are still lingering, while Russia's war of aggression against Ukraine, in addition of a huge human toll, is causing a global energy crisis and aggravating inflationary pressures around the world, rising the risk of widening disparities. The multiplication of extreme weather events is also making the effects of climate change ever more visible, calling for urgent action.

In view of this context, it is not surprising that demands on innovation policies have significantly expanded in this highly complex, uncertain and rapidly changing context. While for many decades, the main goal of was to enhance productivity and competitiveness to foster long-term economic growth; today, innovation policy agendas formulate ambitious goals in view of socio-economic transitions towards more sustainable, inclusive and resilient systems. These goals, however, are shared with other policy domains, such as education, environment, energy and regional development.

This workshop aims to take stock of the new goals of innovation policies and position them within the wider policy context. It aims at addressing the following key questions:

- First, what are new demands for innovation policy? What are new opportunities and challenges ahead for STI policymakers? How important is STI compared to other areas in driving systems transitions?
- Second, what is the role of innovation and innovation policies in supporting those transitions relative to other policy domains? How relevant should innovation and innovation policy be going forward? How can the issue of building skills and capacities for inclusive transitions best be addressed?
- Third, how to promote more agile innovation policies that exhibit higher risk tolerance and a culture of experimentation within public administrations? How can existing tools be used more strategically? What are experimental tools (e.g. sandboxes) worth exploring further?

This workshop will bring together experts, practitioners and academics from different OECD countries to reflect on the opportunities and challenges ahead for innovation policy makers in a context of rising complexity and uncertainty. The discussions will benefit from perspectives from a range of policy areas (skills, environment, labour market, economics, regional development, trade, digital economy) as well as country-specific insights from the recent OECD Innovation Policy Reviews of Germany and Korea. Specific focus will be placed on responding to rapidly evolving demands for skills and capacities in a context of transitions.

This workshop is organised by the OECD Working Party on Innovation and Technology Policy (TIP) to mark the group's 60th meeting (and 30th anniversary). Discussions will build on TIP work on the effects of COVID-19 on STI systems, the 2021 and upcoming 2023 edition of the OECD Science, Technology and Innovation Outlook, the TIP workshop "STI in a complex global context" held in June 2022, and the CSTP High-Level Debate on the STI Outlook 2023, held on 25-26 October 2022. Insights from these discussions will feed into the 2023-24 TIP projects and CSTP's S&T Policy 2025 initiative.

AGENDA

9h00-9h30: Welcome coffee and viennoiseries

Welcome and introduction to the workshop

9h30-10h00

- **Göran Marklund**, Deputy Director General at VINNOVA, and Chair of the OECD Working Party on Innovation and Technology Policy – *Chair of the Workshop*
- **Alessandra Colecchia**, Head of Science and Technology Policy Division, Directorate for Science, Technology and Innovation, OECD
- **Caroline Paunov**, Senior Economist and Head of Secretariat of the Working Party on Innovation and Technology Policy, Directorate for Science, Technology and Innovation, OECD

Keynote: A rapidly changing and complex landscape for innovation policy

10h00-10h45

This session will set the stage for the day's discussions. Keynote speakers will share their perspectives on how recent developments are changing the framework conditions for innovation policymaking. What are new demands for innovation policy? What are new opportunities and challenges ahead for policymakers? How important is innovation compared to other areas in driving systems transitions? How to demonstrate the value from STI relative to other competing priorities?

- **Jürgen Wengel**, Policy Officer, Common R&I Strategy & Foresight Service, Directorate-General for Research and Innovation, European Commission (*virtual*)
- **Pluvia Zuniga**, Researcher, United Nations University (UNU-MERIT) (*virtual*)

10h45-11h15: Coffee break

Session 1. How to advance the digital and sustainable transitions? Views from different policy domains

11h15-12h45

This session will bring together experts from policy and industry to exchange views on supporting transitions and the role of STI and STI policy. This will include perspectives from the fields of environment, labour market and social affairs, economics as well as industry.

Questions:

- What is needed for the digital and sustainable transitions to succeed? What policy tools are best used to address the challenges they bring?
- Viewed from your policy area, how relevant are STI and STI policies in supporting those transitions?
- What skills and capacities are required to prepare for these transitions?

*Speakers:*Policy perspectives on the digital transition

- **Stijn Broecke**, Senior Economist, Future of Work, Skills and Employability Division, OECD Directorate for Employment, Labour and Social Affairs (ELS) (*virtual*)
- **Karine Perset**, Senior Economist, Digital Economy Division, Directorate for Science, Technology and Innovation (STI)

Policy perspectives on the sustainability transition

- **Masaomi Koyama**, Director, International Affairs Office Industrial Science & Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry (METI), Japan
- **Andrew Prag**, Senior Project Manager, Horizontal Project on Climate and Economic Resilience, OECD Environment Directorate (ENV)

Industry perspectives on transitions

- **Sicco Lehmann-Brauns**, Senior Director, Research and Innovation Policy, Siemens AG

12h45-14h15: Lunch break

Keynote: How to shape innovation systems that are fit for the future?

14h15-14h45

A keynote speaker will share perspectives on how to reshape innovation systems so that they are best prepared to respond to current challenges and future uncertainties.

- **Maria Chiara Carrozza**, President of the National Research Council, Italy (*virtual*)

Breakout groups: Collaborations in practice

14h45-16h00 [in person only]

During this breakout group session, delegates will share country perspectives and policy considerations around two areas related to collaboration in policymaking as outlined below (focusing on one question during the first half of the session, and the other one during the second half).

- **Question 1.** Strategy setting and action planning: How to set shared policy directions across government areas with regards to innovation? How to effectively align action plans across policy areas?
 - **Moderators:** **Alberto di Minin**, Full Professor of Management at Scuola Superiore Sant’Anna (Italy) and Vice-Chair of the OECD Working Party on Innovation and Technology Policy, and **Nikolas Schmidt**, Policy Analyst, OECD
- **Question 2.** Co-creative governance: How to best engage industry and civil society in collaborative decision-making towards transitions?
 - **Moderators:** **David Legg**, Regional Manager at Innovate UK and Vice-Chair of the OECD Working Party on Innovation and Technology Policy, and **Sandra Planes-Satorra**, Policy Analyst, OECD

16h00-16h30: Break

Session 2. Building more agile innovation policy systems in transitions

16h30-17h45

Enhancing the capacity of innovation policy to provide agile responses has become a key priority since the outbreak of the COVID-19 pandemic. This session will discuss how to enhance the agility of innovation policy systems and promote a culture of experimentation within the public sector.

Questions:

- How to promote higher risk tolerance and a culture of experimentation within public administrations?
- What practices from the COVID-19 rapid responses can be kept? What adjustments would be needed?
- How can existing tools be used more strategically? What are experimental tools (e.g. sandboxes) worth exploring further?

Panellists:

- **Sylvia Schwaag-Serger**, Professor, Lund University, Sweden
- **Kirsimarja Blomqvist**, Professor, LUT University, Finland
- **Lise Anna Bruynooghe**, Lecturer at Anant University, India; Lecturer at Sciences Po Paris; Executive Advisor to Sustainable Infrastructure Foundation; Founder & CEO, ProFound Consulting (*virtual*)

Insights from a policy case:

- **Rodney Ghali**, Assistant Secretary to the Cabinet of the Impact and Innovation Unit at the Privy Council Office, Government of Canada (*joining virtually at 17.15*)

Final remarks

17h45-18h00

- **Göran Marklund**, Deputy Director General at VINNOVA, and Chair of the OECD Working Party on Innovation and Technology Policy – *Chair of the Workshop*
- **David Legg**, Regional Manager at Innovate UK and Vice-Chair of the OECD Working Party on Innovation and Technology Policy
- **Alberto di Minin**, Full Professor of Management at Scuola Superiore Sant'Anna (Italy) and Vice-Chair of the OECD Working Party on Innovation and Technology Policy