Towards effective science-industry co-creation

Paris, 5 December 2018

INTRODUCTION TO THE WORKSHOP
What is science-industry co-creation?

- The **joint creation of knowledge by industry, civil society and research** (e.g. common laboratories, joint research projects).

- A **shift away from the traditional linear model** of innovation dominant in the 20th century.

- Tool to **boost industry competitiveness and productivity** and a way to address social challenges.
Trends and examples

**Trends**

- Going beyond commercial solutions to address **broader societal challenges**, & higher participation of civil society
- Leveraging the potential of digital technologies
- **Geography** is still important but it is changing

**Examples**

- **Joint Open Labs** by Telecom Italia and Italian Universities
- **The Structural Genomics Consortium (SGC)** undertakes basic scientific research of relevance to drug discovery
- **The Christian Doppler Research Association** (CDG)
- **OrganiCity** which explores co-creation for digital (Smart City) solutions
## Challenges & policy questions

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<tr>
<th>Challenges</th>
<th>Policy questions</th>
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<td>Building new collaborations across disciplinary &amp; geographical boundaries</td>
<td>What can be done to improve <strong>match-making</strong> across distances?</td>
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<td>The management of IP</td>
<td>What principles should apply to the <strong>IP rights</strong> from joint public-private collaborations?</td>
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<td>Building organisational structures and intermediary institutions</td>
<td>What <strong>collaborative spaces &amp; intermediary institutions</strong> are needed to successfully collaborate &amp; co-create knowledge?</td>
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Objectives of the workshop

- Gather new **insights from university, industry & civil society** on the trends & challenges in science-industry co-creation today
- Discuss **what policy changes are needed** to enable effective co-creation for productivity growth & to address societal challenges
Agenda of the workshop

9h30 – 10h15  Opening and introduction to the workshop
10h15 – 10h45  Keynote address by Fiona Murray on ‘co-creation at MIT”
11h15 – 12h30  Panel 1: University perspectives on co-creation
14h00 – 15h00  Panel 2: Private sector & civil society perspectives
15h00 – 16h30  Breakout session
17h00 – 18h00  Policy roundtable: lessons learnt & next steps
18h-18h15  Closing remarks
Panels 1 & 2: perspectives on co-creation

### Questions to address

- How can co-creation be an effective way to produce breakthrough innovations & solve societal challenges?
- What key challenges should be addressed?
- How should ownership of co-created knowledge be handled? How should civil society best be involved?
- How can human talent be circulated across organisational boundaries to ensure effective co-creation?

### Participants

**Panel 1: University perspectives**
- Adriënne Heijnen
- Cathie Vix-Guterl
- Kazuyuki Motohashi
- Valeria D'amico

**Panel 2: Private sector and civil society perspectives**
- Michael Sundstrom [videoconf.]
- Harley Davis
- Oihana Basilio
- Yves Bernaert
Breakout sessions
Policy roundtable

Participants

Chair:

• **Göran Marklund**, Deputy Director General and Head of Operational Development at VINNOVA

Speakers:

• **Mu Rongping**, Director-General and Professor, Center for Innovation and Development, Chinese Academy of Sciences, China

• **Darja Isaksson**, Director General, VINNOVA

• **Richard Johnson**, CEO of Global Helix LLC and member of the Board on Life Sciences at the National Academy of Sciences, USA

• **Joerg Niehoff**, Head of Sector Joint Programming, DG Research and Innovation, European Commission
All presentations will be made available on the workshop website:

www.innovationpolicyplatform.org/co-creation