



**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

Challenges



Building new collaborations across **disciplinary & geographical boundaries**



The management of **IP**



Building **organisational structures** and intermediary institutions

Policy questions

What can be done to improve **match-making** across distances?

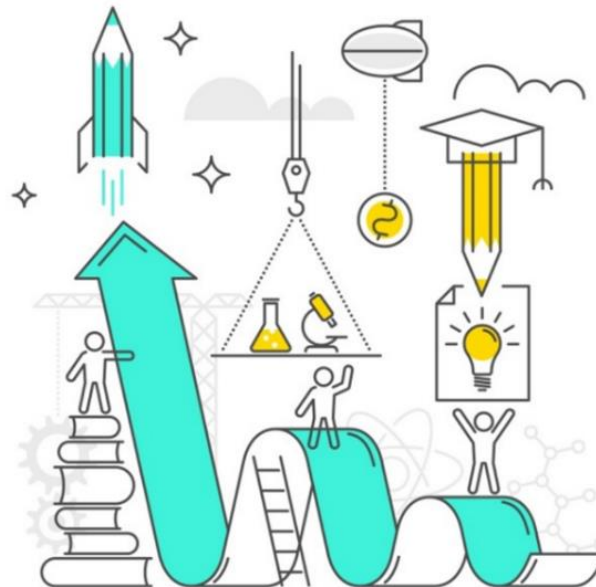
What principles should apply to the **IP rights** from joint public-private collaborations?

What **collaborative spaces & intermediary institutions** are needed to successfully collaborate & co-create knowledge?



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



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All presentations will be made available on the
workshop website:

www.innovationpolicyplatform.org/co-creation