

# Policy Rationales in Platform Economy

The project will develop a solid understanding on how digital technologies and platform economy changes rationales for policy intervention, by removing, changing, and/or creating novel market failure mechanisms, spillover effects, and policy rationales. We focus on the following sectors: health and wellbeing, mobility, energy, education and manufacturing.

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## KEY RESEARCH QUESTIONS

1

How does digital platform economy shift the rationale for government interventions (e.g. transaction costs, spillovers, value appropriation, market failures)?

2

How can regulations and government interventions provide the best incentives and instruments to stimulate the growth of digital platform economy?

3

How should government intervention be organized in mid-to-long-term in order to create sustainable and prosperous innovation and business environments in digital platform economy?

4

What are the future PPPs in their scope, scale and nature (national, international), and what are the roles of public and private actors in facilitating the advance of digital platform economy?

## METHODS

- Co-production workshops to produce insights and policy guidance
  1. Value creation and capture in global digital economy, and sectoral differences
  2. Organizational, innovation, and strategic challenges of firms and entrepreneurship in digital platform economy and sectoral differences
  3. Policy rationals in digital platform economy, and sectoral differences
  4. Policy tools for business, entrepreneurship and innovation support in the shift to digital platform economy
- ||||| Systematic literature review of past theoretical and empirical research
- ▮▮ Expert interviews
- + Qualitative comparative analysis of sectoral differences and key challenges in the shift to digital platform economy

## PRELIMINARY FINDINGS

### Innovation and growth challenges

**Remaining** Innovation and creativity always entails risk  
Radical innovations need support  
Ecosystem building  
PPP challenges

**Disappearing** Information failures decreased  
Several coordination challenges diminished  
Transaction costs decreased in many sectors

**New** Scaling and growth of platforms  
Sectoral productivity challenges and digital platforms  
Societal grand challenges and solutions from platforms (nascent platform based PPPs)  
Security and data management  
New cooperative platforms

To summarize the research findings and pragmatic perspective, we will outline a digital platform economy policy framework. The framework will enable to interpret the shift in business, innovation and entrepreneurship, and outline the shift and dynamics towards a digital platform economy from a policy rationales perspective.