



# Scaling Up Co-creation: Avenues and Limit for Integrating Society in Science and Innovation

EU-H2020 Project

## The Project

SCALINGS is an EU-Horizon2020 flagship initiative investigating use of new open, co-creative innovation formats such as living labs and pre-commercial procurement in robotics, autonomous driving, and urban energy systems across 10 countries.

SCALINGS explores how “co-creation” between diverse actors can help tailor innovation processes and outcomes better to the local needs, values, and concerns of societies across Europe. These insights can help make innovation trajectories more socially robust and understand better the challenges of scalability.

The SCALINGS consortium consists of 10 partner institutions from across Europe, featuring several prominent technical universities from the EuroTech consortium at its core. It is being coordinated by the Munich Center for Technology in Society (MCTS) at Technical University Munich.

SCALINGS is funded by EU Horizon2020 under the “Science with and for Society” (SwafS) programme and supported with approx. 4 Million EUR over 3 years.

## What Is Co-creation?

Co-creation is an umbrella term for innovation processes that bring together different actors (enterprises, researchers, policy-makers, citizens, etc.) to shape innovation trajectories towards mutually beneficial outcomes. Co-creation opens up the opportunity to make innovation processes and outcomes more socially responsive, inclusive, democratic, and sustainable.

SCALINGS investigates several cutting-edge co-creation processes, including Public Procurement of Innovation (PPI), Co-creation Facilities (CCF), and Living Labs (LL).

## Why Is SCALINGS Needed?

Understanding local socio-cultural differences is essential for designing effective innovation processes that can help steer innovation in socially desirable directions by being responsive to social needs and concerns. SCALINGS is developing theoretical frameworks and practical implementation strategies that help stakeholders account for local situatedness and make innovations applicable to other contexts. Through a comparative study of co-creation uptake and outcomes in 10 countries, SCALINGS aims to strengthen opportunities for best practice transfer and a socially robust upscaling of (co-creative) innovation.

## SCALINGS Partners



Technical University of  
Munich (TUM), DE



Eindhoven University of  
Technology (TU/e), NL



Technical University of  
Denmark (DTU), DK



École Polytechnique  
Fédérale de Lausanne  
(EPFL), CH



MINES ParisTech, FR



ESADE, ES



University of Natural Resources  
and Life Sciences,  
Vienna (BOKU), AT



Wrocław University of  
Economics (UEW), PL



University College London  
(UCL), UK



Social Innovation Exchange (SIX), UK



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## The SCALINGS Approach

SCALINGS works closely with various technical consortia and social/policy initiatives to investigate and help improve co-creation practices where they matter most. We engage with the orchestrators and users of co-creation activities at a conceptual, hands-on, and retrospective-analytic level. SCALINGS is particularly interested in the use and outcomes of 3 co-creation instruments (Public Procurement of Innovation, Living Labs, and Co-creation Facilities), which we follow in 3 technologies (Robotics, Autonomous Driving, and Urban Energy) across 10 countries.

The SCALINGS project divides up into three project phases:

### **Phase 1: Collecting Practices and Experiences**

How do the co-creations instruments behave in different regional contexts?

### **Phase 2: Enhancing Practices and Testing Interventions**

Cooperation with external partners to help augment their co-creation practices based on insights from Phase 1.

### **Phase 3: Disseminating Practices and Policy Roadmap**

Reflexive dissemination and development of an EU Co-Creation Policy Roadmap for socially robust upscaling.

## How Can SCALINGS Help You?

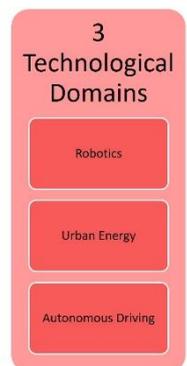
SCALINGS is always looking to collaborate for partners with exemplary innovation projects that use co-creation mechanisms in the aforementioned domains. Our level of engagement is flexible and depends on your needs: from documenting and learning from your experiences as ‘case studies’, to supporting ongoing activities, to help design or improve future activities.

### **Participating in Phase 1:**

The SCALINGS consortium will conduct a limited number of in-depth case studies, usually involving site visits and interviews with key persons and participants of the project. Upon request, SCALINGS can provide feedback on the what we observed and how these observations relate to other cases and experiences across Europe.

### **Participating in Phase 2:**

SCALINGS offers partners support in designing, improving, tracking, implementing, or executing ongoing or planned co-creation activities. External partners can benefit from our social science expertise for free. Based on our comparative case studies from Phase 1, we can provide input into process design, public or policy engagement, or making sure that call reach those for whom they are intended.



	<p style="text-align: center;"><b>SCALINGS</b></p> <p style="text-align: center;">Prof. Dr. Sebastian Pfothenauer (Coordinator) Munich Center for Technology in Society (MCTS) Technical University of Munich (TUM) Arcisstr. 21, 80333 Munich, Germany</p>	<p style="text-align: right;"><a href="https://www.scalings.eu">https://www.scalings.eu</a></p> <p style="text-align: right;"><a href="mailto:sebastian.pfothenauer@tum.de">sebastian.pfothenauer@tum.de</a> Phone: (+49) 89 289 29222 <a href="https://www.mcts.tum.de/">https://www.mcts.tum.de/</a> <a href="https://www.tum.de/">https://www.tum.de/</a></p>
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