

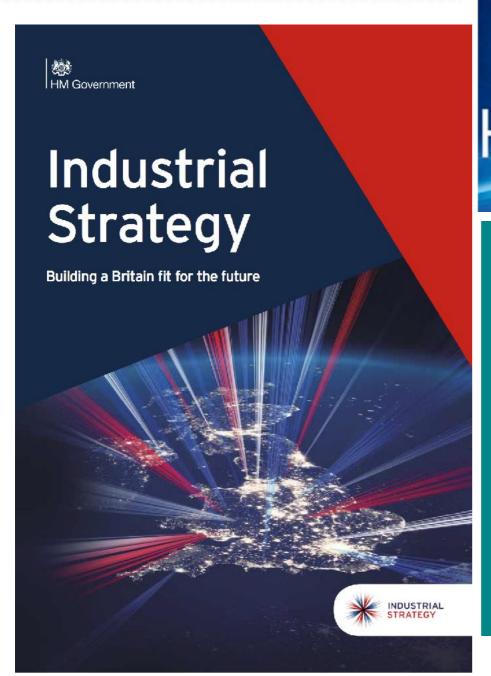
Webinar on mission-oriented innovation policies Policy Learning Platform Interreg Europe, FEB 18 2020

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## Mission-oriented policies







MISSIONS

Mission-Oriented Research & Innovation in the European Union

## Horizon Europe

THE NEXT EU RESEARCH & INNOVATION PROGRAMME (2021 – 2027)



## Changing rationales for innovation policy

Innovation policy debates increasingly recognise societal challenges as drivers for innovation policy.

This has motivated a 'normative turn' that advocates greater challenge orientation in innovation policy and targeted policies to articulate societal needs in order to deliver *better*, not just *more*, innovations

The state here plays a more proactive role, 'shaping' rather than 'fixing' markets (Mazzucato, 2013)

#### First framing:

Innovation for growth, tapping the potential of science and technology for prosperity

#### **Second framing:**

National systems of innovation.

Focus on coordination and alignment of the different actors of innovation systems

#### Third framing:

Transformative change.

Use science and technology policy to address societal challenges

Schot, J., & Steinmueller, W. E. (2018). Three frames for innovation policy. *Research Policy*, *47*(9), 1554-1567.







































## Regions play a key role in tackling global challenges

The severity of the challenges and the capacity to tackle them would be different in different countries and regions

Subnational governments are responsible for a large share of public investment influencing SDGs

... and hold a wide range of the competences to implement policy actions to address them

They require innovative solutions: capacity for innovation is locally embedded and proximity is important for innovation



# Missions have an important role in national and local industrial strategy

It gives a *direction* to the strategy: Thinking about 'missions' may help align *policy* priorities depending on local needs and existing resources

Connecting existing knowledge base and capabilities to societal goals may help *align* actors around a common 'vision' —> greater inclusion and legitimacy of strategy.

Increase potential for *radical innovation*. Solving societal challenges requires the connection of different and often disparate sectors and types of actors.

Regions as living labs and *demonstrators* of new solutions/ innovations, with application in other countries/contexts facing similar challenges



## Challenges

Lack of resources/scale may be too small to make a change.

Incentives: No sense of urgency or incentives to change policies. Path dependency.

Difficulties to prioritise missions over other short-term agendas.

Lack of institutional capacity for experimentation and stakeholder mobilisation.



## **Key actions/tools**

Define clear priorities

Adequate governance structures

Use of a variety of policy approaches

(hard and soft, supply and demand side)

(mix of generic and mission oriented approaches)

Monitor implementation. Build capacity for policy learning

Exploit partnerships within (break silos) but also beyond the region

