



Missions

Adaptation to Climate Change, including Societal Transformation

Ron Dekker / CESSDA

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 cessda.eu

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Why this mission?

- ◊ Climate Adaptation is the **process of adjustment** to actual or expected climate and its effects.
- ◊ The mission will support this process by **connecting citizens with science and public policy**.
- ◊ Maximise the impact of the EU's support to research and innovation and **demonstrate its relevance for society and citizens**.
- ◊ Its focus will be on **solutions and preparedness** for the impact of climate change to protect lives and assets.
- ◊ It will include behavioural changes and social aspects by **addressing new communities** beyond usual stakeholders, which help **lead to a societal transformation**.

One example on how ERICs can contribute

- ◇ CESSDA is working together with EERAdata
 - ◇ a project on towards a FAIR and Open Data Ecosystem in the Low Carbon Energy Research Community
- ◇ Data collections across disciplines – need for metadata, thematic archive, ontologies, ...
 - ◇ Buildings are major consumers of energy with 40% of total energy consumption, causing 36% of the total CO2 emissions
 - ◇ Existing databases such as [IEEE](#), [Masea](#), [OpenEI](#), [Open Data Platform for Energy Efficiency in Buildings](#), [United States Department of Energy databases](#), [European Buildings Stock Observatory](#) and the databases by [ENTRANZE](#) and [ExcEED](#) projects
- ◇ Data Catalogues, Services & Tools (on these data) – all cross-domain
- ◇ Networks to other communities

What? and Timeline

- ◇ **Early 2020** Target for mission board to identify the first of one or more possible missions in the area
- ◇ **2020** The mission board develops, together with stakeholders and citizens, the research and innovation activities that will contribute to the mission.
- ◇ **1-1 2021** The mission comes into effect with the launch of Horizon Europe

nature

Global problems need social science



Without human insights, data and the hard sciences will not meet the challenges of the next decade, says Hetan Shah.

Hetan Shah is the incoming chief executive of the British Academy in London

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How?

- ◇ Position paper – cf. AURORA Universities Network position paper
- ◇ Connect with (members) of this Mission Board, with existing projects (EERAdata)
- ◇ Which ERICs can potentially contribute - with which activities
- ◇ What can ERICs do to prepare internally
- ◇ What support would ERICs need from EC / Mission Board
- ◇ **Proposal:**
 - ◇ **one of the ERICs (incl. candidates) will follow developments and informs other (interested) ERICs**