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Strategic setting of ORI

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Current research landscape

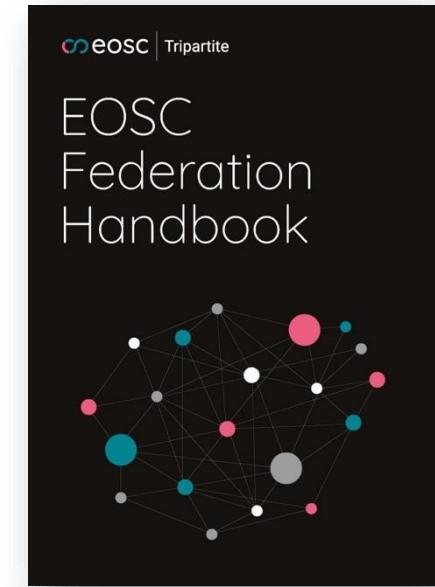
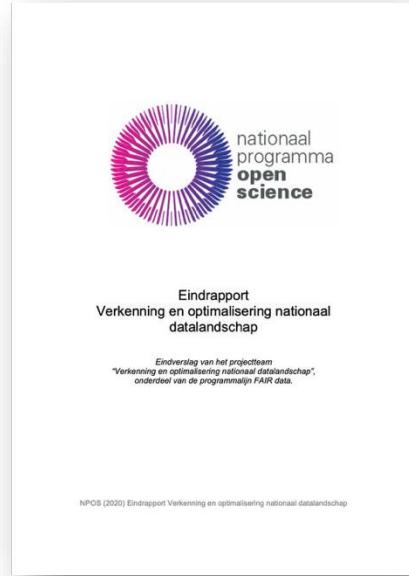
- **“The Netherlands has a rich, but fragmented, confusing data landscape.** This concerns both data services and the development and dissemination of knowledge about the care of research data. This creates risks of overlap, inefficiency and missing opportunities for connection and innovation.”
- Final report Exploration and optimization of national data landscape (NPOS, 2020)



QUESTION

**How to orchestrate a national
infrastructure within this rich but
fragmented landscape?**

Commons Approach



“Form a national network of all data service providers and repositories (as '**National Open Science Cloud**' or '**Commons**' or 'Network') with the aim of greater coordination, overview and synergy.”

“**Digital commons** “....provide a structure in which public values, democratic decision-making and (technological) sovereignty are placed centrally.”



Commons definition

- The term "commons" refers to resources that are shared and accessible to all members of a community. These resources can be natural, such as air and water, or cultural, like knowledge and traditions. The concept emphasizes collective management and equitable access.

The commons



The tragedy of the commons



The enclosure of the commons



- **Shared Resources:** Commons include both natural and cultural assets that belong to a community.
- **Community Management:** Resources are governed by the community rather than by the state or market forces. This involves informal norms and values that guide usage.
- **Sustainability:** The management of commons aims to preserve resources for future generations, ensuring they remain available for all.

How to orchestrate a national infrastructure

Institutional

Digital Competence
Centers – Tier2

Consortium

Large Scale
Research
Infrastructures

European

EOSC Node

Common Language

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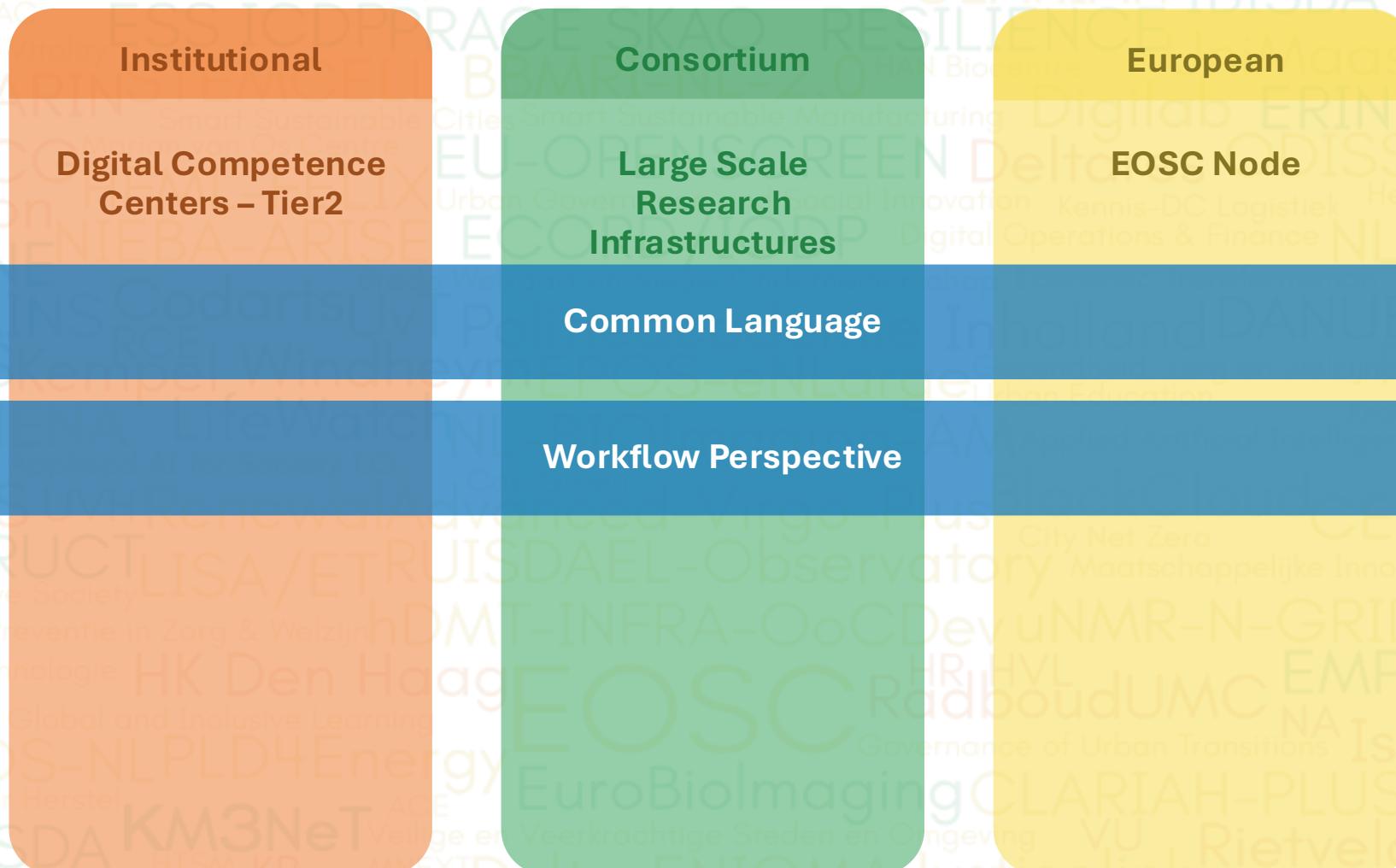
Global Open Research Commons - Essential Elements



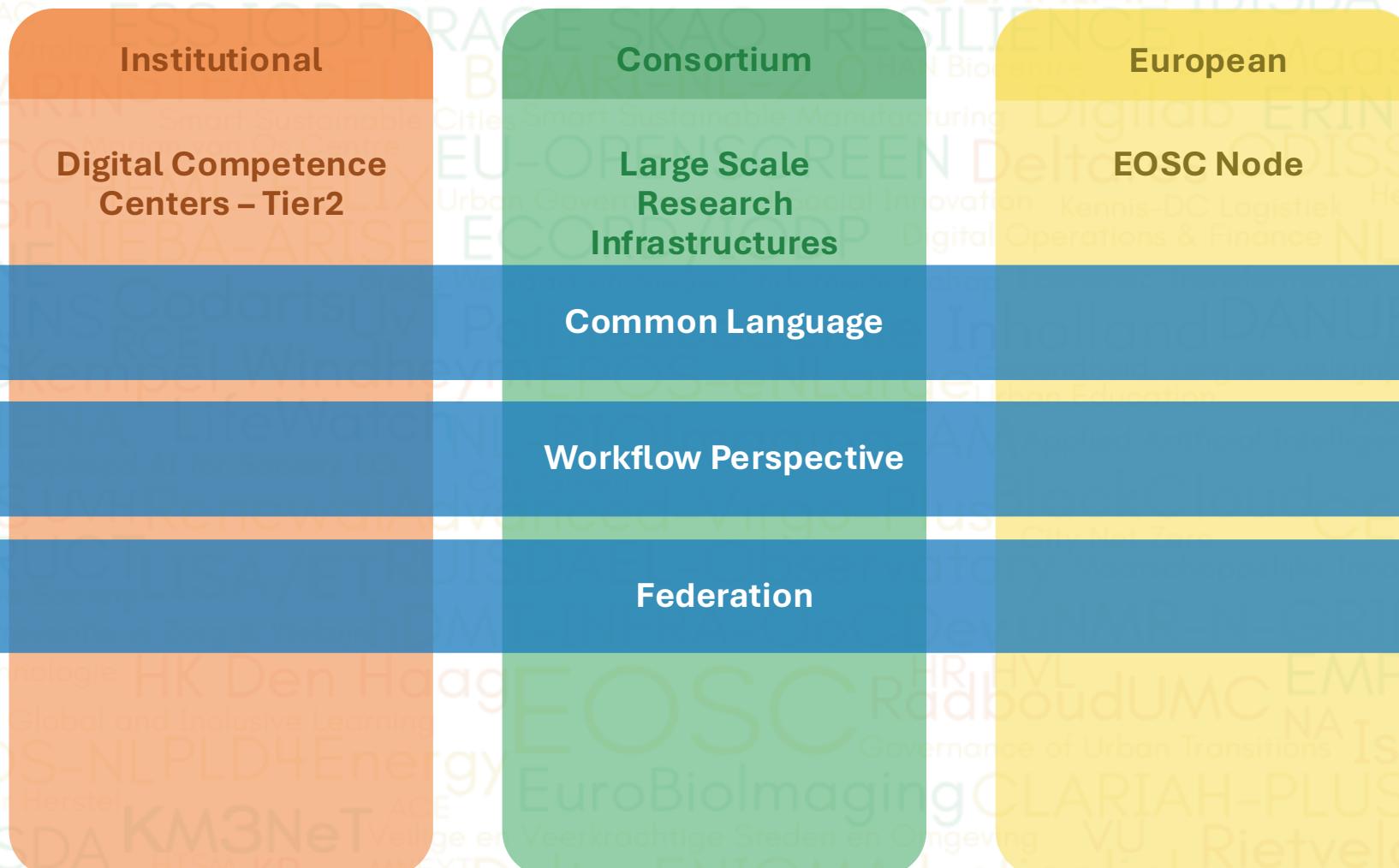
V1.3, GORC-IG, 2024

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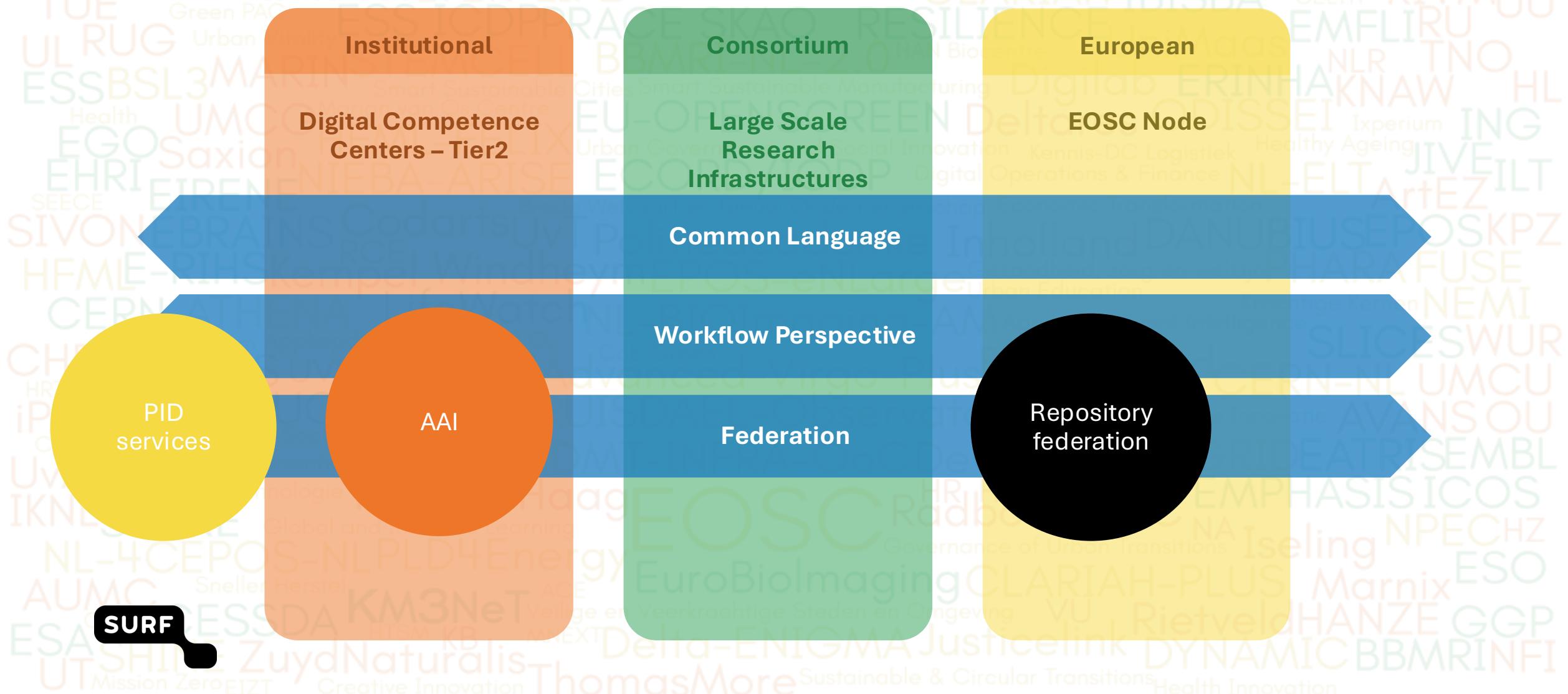
How to orchestrate a national infrastructure



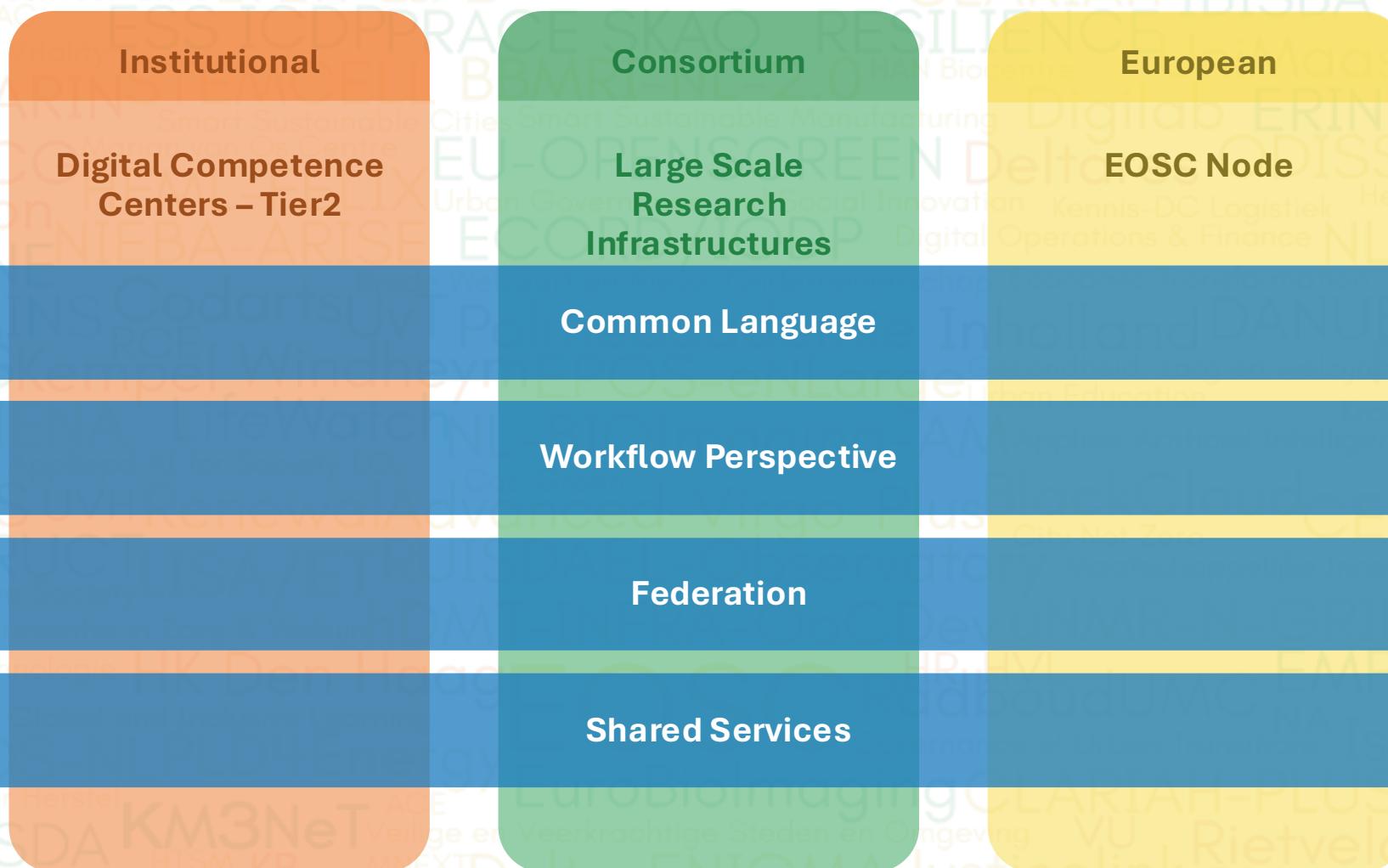
How to orchestrate a national infrastructure



How to orchestrate a national infrastructure

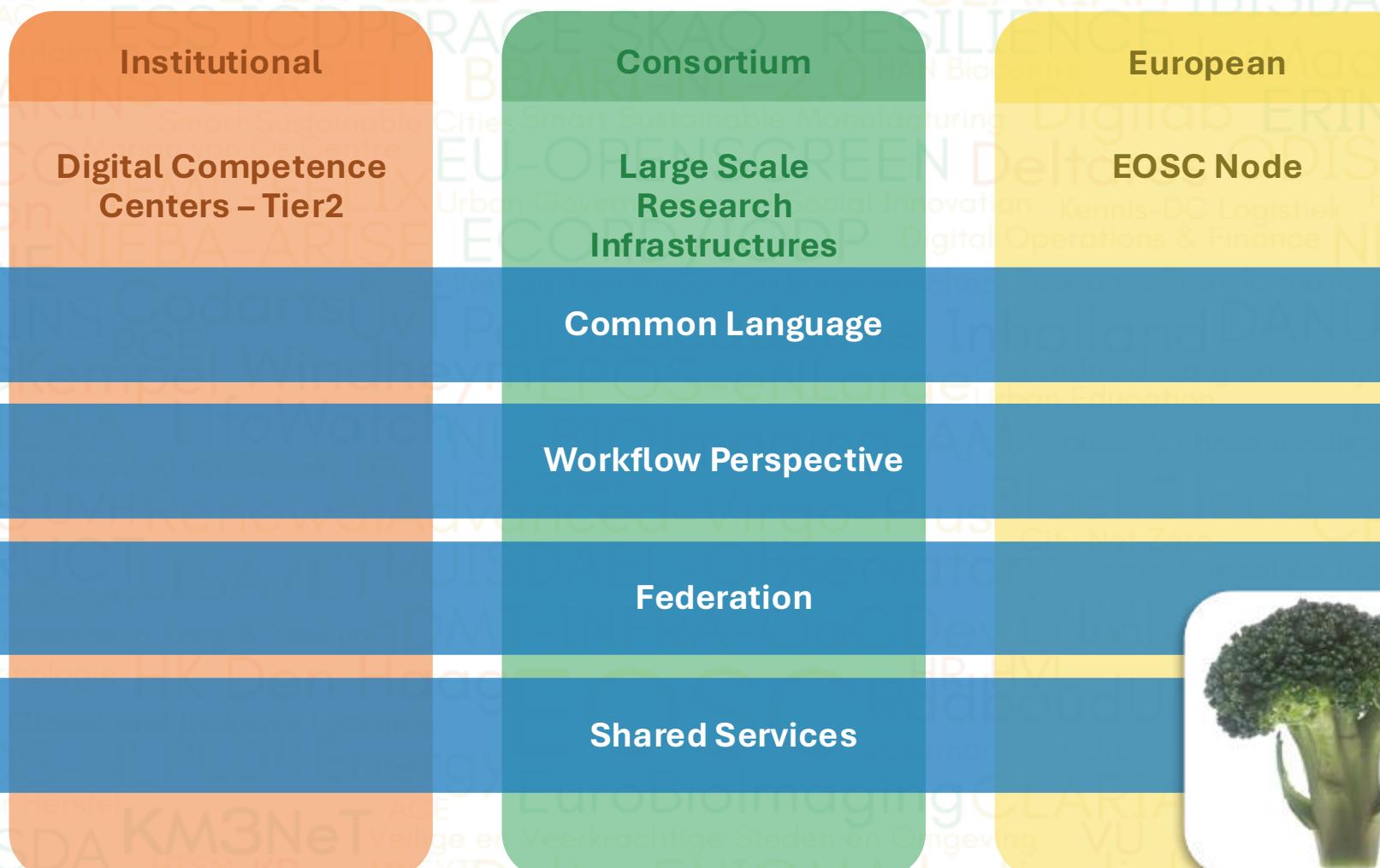


How to orchestrate a national infrastructure



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OBJECTIVE



**Transform the closed
research information
infrastructure to an ORI
commons**

COLLECTIVE ACTION



We need:

- 1. Clarity on who does what**
- 2. Agreement on who
maintains what**
- 3. Commitment to collective
value over local optimization**



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