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Social Sciences & Humanities for Climate,  
Energy aNd Transport Research Excellence

Open science and open education –  
supporting the energy-climate transition:  
the SSH CENTRE, a Horizon Europe project



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1. About the SSH CENTRE
2. The role of Open Science and Open Education
3. Three dimensions of Openness
4. Discussion

# 1. About the SSH CENTRE

SSH CENTRE: Social Sciences & Humanities for Climate, Energy and Transport Research Excellence

- a 3,5-year Horizon Europe project, Coordination and Support Action
- 13 partners from 10 EU countries
- started 1 Sept 2022
  
- Climate-energy-mobility challenges faced by society
- Increasing in complexity and scale
- Large-scale, coordinated and innovative action is needed, with real policy impact

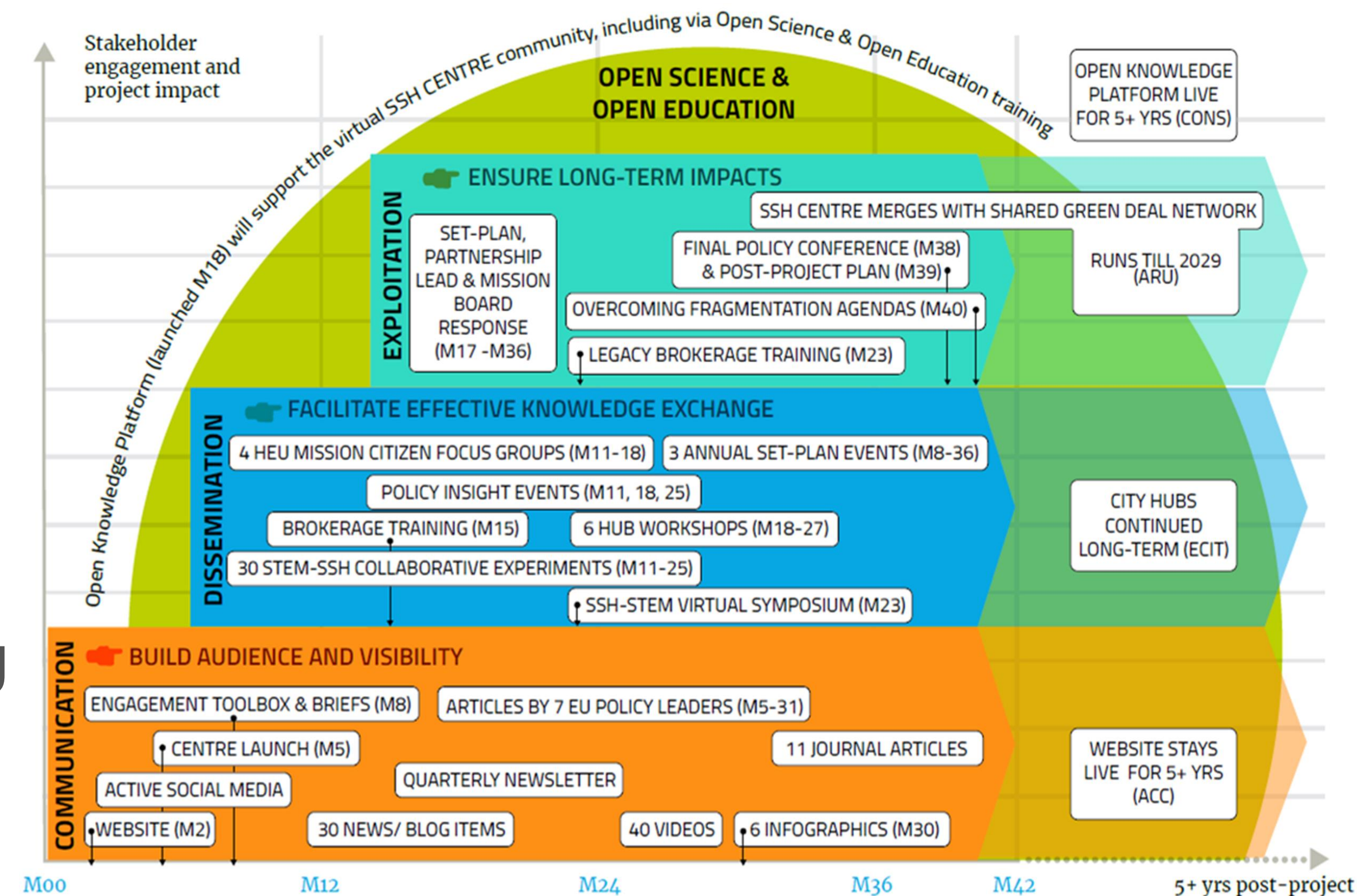
Our solution: high-profile virtual SSH CENTRE, a cross-Europe centre of excellence for Climate-Energy-Mobility SSH, generating best practice for SSH policy advice across city, Member State and EU level

-> SSH Open Knowledge Platform (bridging SSH and STEM): live for 5+ years post-project

# 2. The role Open Science & Open Education

Among the key project objectives:

- strengthen interdisciplinary research and stimulate effective collaborations between transition-focused SSH and STEM and
- to empower transition-focussed SSH communities across Europe via a Centre of Research Excellence committed to advancing open (social) science.



# Open collaboration among key stakeholders

## Aims for open science policy under Horizon Europe

- ensure that beneficiaries retain the intellectual property rights they need to comply with their open access obligations
- require research data to be FAIR and open by default (with exceptions notably for commercial purposes)
- promote the adoption of open science practices, from sharing research outputs as early and widely as possible, to citizen science, and developing new indicators for evaluation research and rewarding researchers
- engage and involve citizens, civil society organisations and end-users in co-design and co-creation processes and promote responsible research and innovation
- European Open Science Cloud (EOSC) will enter its next stage of development in 2021
- fund the development of an open-access publishing platform to host Horizon 2020 (and later Horizon Europe) beneficiaries' publications

Citizens



Researchers

Four key stakeholder groups



Business



Policy actors



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# 3. Three dimensions of the SSH CENTRE's project openness

Dimension of OPEN	How it relates to the SSH CENTRE's activities?
Open Access	Open journals Open public repository Open data, in line with FAIR principles
Open Research	Preprints (e.g. book chapters) available via a trusted repository & linked to the Open Knowledge Platform Open peer-review of deliverables, review reports published Open contributions of Centre members to the Open Knowledge Platform
<b><u>Open Education</u></b>	<u>Focussing on Open Education practices</u> <u>OER, incl. Open Training and Open Guidebook</u> <u>Open Policy (,realities of policywork')</u>

# Relationship between open education and open science

van der Woert, Schuwer & Ouwehand (2015)

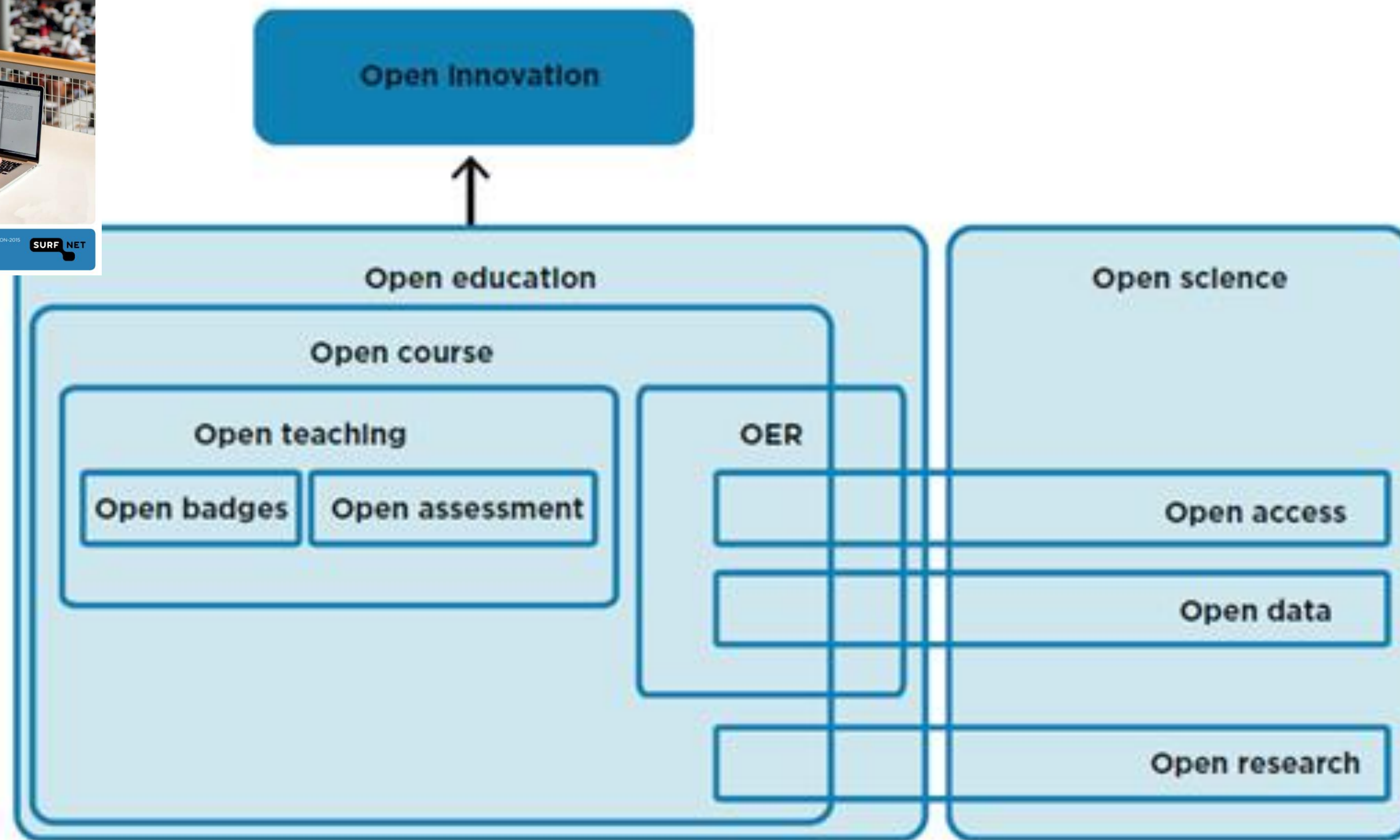
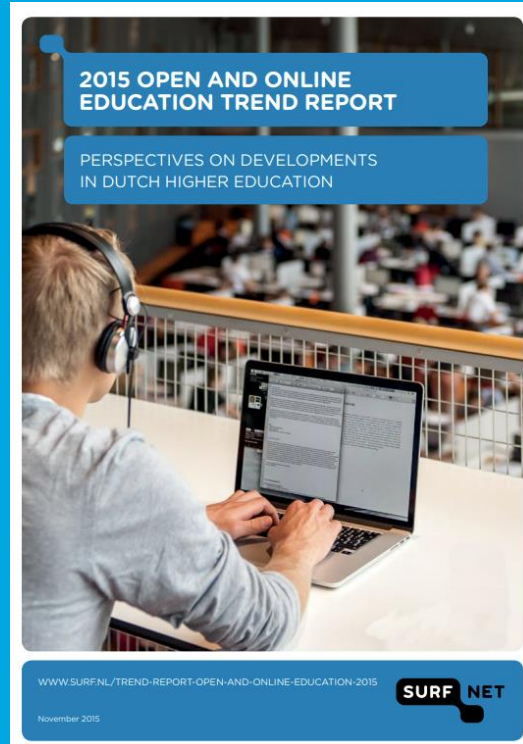


Figure 2. Relationship between open education and open science.

Approach previously used in the H2020 NEWCOMERS project:  
[www.newcomersH2020.eu](http://www.newcomersH2020.eu) and  
[www.our-energy.eu](http://www.our-energy.eu)





# We're proud to colalborate with our Open Knowledge Platform Advocates



OPEN RESEARCH:  
Vanessa Proudman,  
SPARC Europe



OPEN ACCESS:  
Dr. Javiera Atenas,  
Senior Fellow of the Higher  
Education Academy



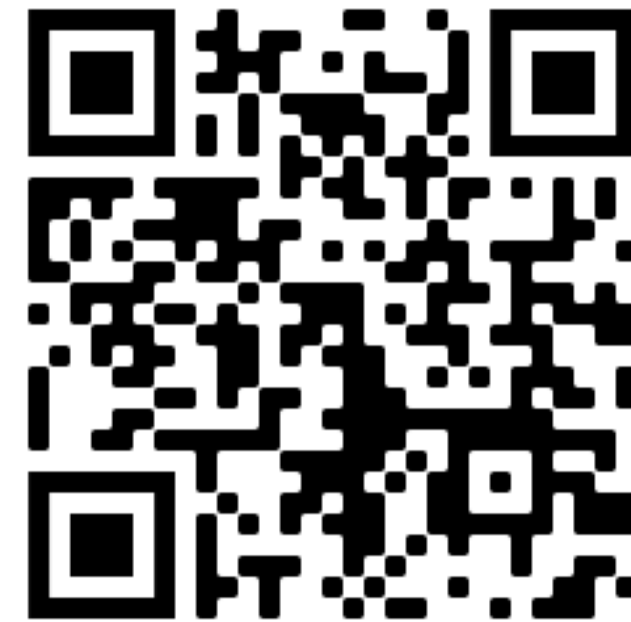
OPEN EDUCATIONAL RESOURCES:  
Mag. Mitja Jermol,  
UNESCO Chair for Open Technologies for  
OER and Open Learning

# Follow us – let's stay in touch!

## Website

to be launched soon!

## Social media



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