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Federal Ministry
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European
Climate Initiative
EUKI

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ENERGI AKLUB

CLIMATE POLICY INSTITUTE
APPLIED COMMUNICATIONS

Deutsche Umwelthilfe

on the basis of a decision
by the German Bundestag

Sustainable Building Renovation – Forming the Future (SURF)

Online training “Circular Buildings”

Module 1

Life Cycle Assessment (LCA) and climate-friendly building materials

August 31, 2023 | 10:30 – 12:00 CEST | online

Agenda

10:30 – 10:35	Welcoming word & Short introduction into EUKI & EUKI SURF Julia Weibel, Junior advisor for communication, German Agency for International Cooperation or (GIZ) Jurga Tallat-Kelpšaitė, Policy Advisor Energy & Climate, Deutsche Umwelthilfe e.V.
10:35 – 10:55	Life cycle analysis of conservation vs. demolition and new construction – Using the example of a facade refurbishment measures Eva-Maria Friedel, Architect & Expert in sustainable building at Bauhaus Earth
10:55 – 11:05	SUstainable Building Renovation – Forming the Future - with clay earth building materials Dr. Ipek Ölcüm, CEO & Co-Founder Industrieverband Lehmbaumstoffe e. V.
11:05 – 11:20	Building and renovating with the most climate-positive techniques possible Michael Burchert, CEO Bauwende e.V.
11:20 – 11:35	Circular Construction - how digital tools will enable the change Dominik Campanella, CEO & Co-Founder of Concular GmbH
11:35 – 11:55	Discussions
11:55 – 12:00	Wrap up & next steps

Current figures (2023):

364

Implementing
organisations



35.411

Europeans trained
by EUKI projects



€92 Mill.

Funding volume



179

Projects



6

topics



25 + 6

Active in 25 EU and
6 Westbalkan countries



79


EUKI Academy
events with 2700
participants



Key facts about EUKI SURF project

- EU 2050 goal: **climate-neutral building stock**
- Currently, EU building stock
 - ~ 35% are > 50 years old and ~ 75% are energy inefficient
 - responsible for approx. 40% of EU energy consumption & 36% of the energy-related GHG emissions
- What are the **prevailing challenges** for the 2050 climate neutrality goal?
 - only ~ 1% of the building stock renovated each year
 - applied standards often incompatible with climate neutrality
 - renovation activities dominated by resource-intensive methods
 - life cycle approach or circular solutions not reflected in practice
- **Project aim** - to stimulate deep & sustainable building renovations by empowering municipal actors to foster & implement sustainable renovation projects
 - municipal decision-makers & professionals in cooperation with local stakeholders can trigger a paradigm shift in sustainable renovation

“Circular Buildings” training modules



Module 1

Life cycle approach (LCA) & climate-friendly building materials



Module 2

Funding opportunities for sustainable renovations



Module 3

Green public procurement (GPP) for renovation of public buildings

Speakers



Eva-Maria Friedel

Architect & Expert in sustainable building at Bauhaus Earth
(<https://www.bauhauserde.org/>)

Life cycle analysis of conservation vs. demolition and new construction – Using the example of a facade refurbishment measures



Dr. Ipek Ölcüm

CEO & Co-Founder Industry Association for Clay Products
(<https://iv-lehm.de/>)

Sustainable Building Renovation – Forming the Future - with clay earth building materials



Michael Burchert

CEO Bauwende e.V.
(<https://bauwende.de/>)

Building and renovating with the most climate-positive techniques possible



Dominik Campanella

CEO & Co-Founder of Concular GmbH
(<https://concular.de/>)

Circular Construction - how digital tools will enable the change

Discussions

Wrap up & next steps

“Circular Buildings” training modules



Module 1

Life cycle approach (LCA) & climate-friendly building materials



Module 2

Funding opportunities for sustainable renovations



Module 3

Green public procurement (GPP) for renovation of public buildings

November 2023

February 2024

Overview of Work Packages



P2P Learning Program

- Recruiting min. 10 municipalities
- 1 P2P-learning plan
- 1 kick-off transnational workshop
- 2 transnational workshops
- 3 factsheets with best practices
- 1 project learning paper



Online Training Series

- 3 online training modules
- 1 guideline for green public procurement
- 1 sustainability checklist for renovations



Transnational SURF Network

- 1 online platform & content
- 3 EU-wide informal renovation lunches
- 1 EU-wide policy conference

EUKI SURF online platform: <https://www.duh.de/projekte/euki-projekt-sustainable-building-renovation/>

Thank you for your attention!

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GET IN TOUCH!

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Let's discuss!

