



ARV

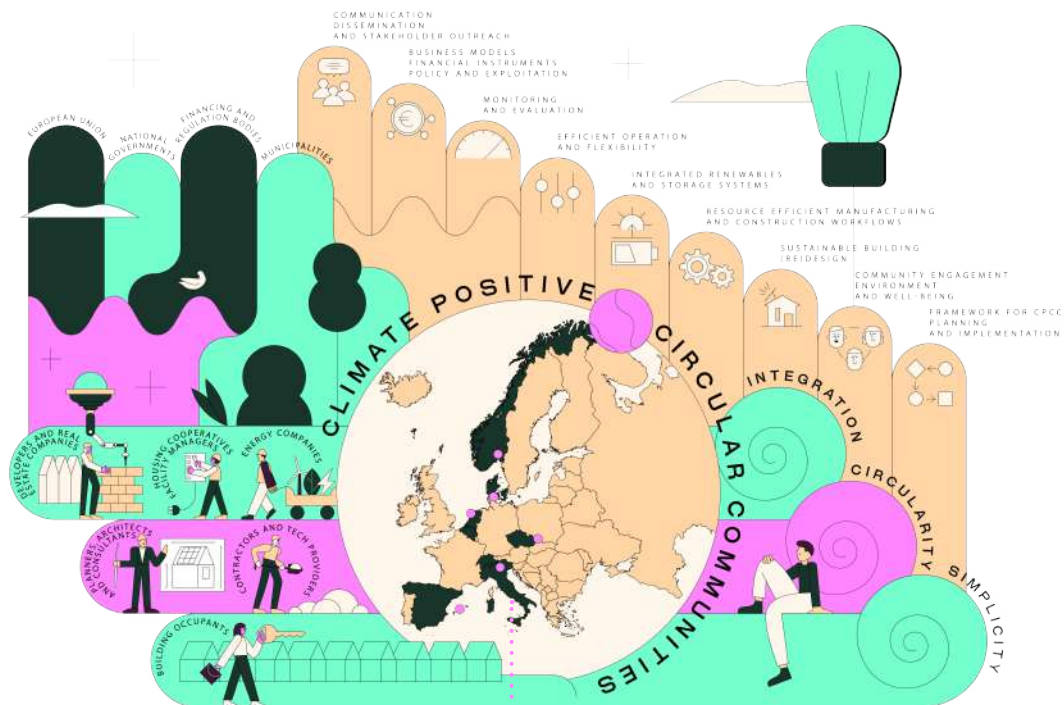
CLIMATE POSITIVE CIRCULAR COMMUNITIES

ABOUT ARV

ARV is a H2020 EU-funded project, coordinated by the Norwegian University of Science and Technology, involving **35 partners** from **8 different European Countries**. The aim is to demonstrate and validate attractive, resilient, and affordable **climate positive circular communities** (CPCC) and contribute to the green renovation wave in Europe.

9 THEMATIC FOCUS AREAS

ARV employs a novel concept relying on a combination of **3 conceptual pillars**, **6 demonstration projects**, and **9 thematic focus areas**. These areas span from planning and sustainable building (re)design to efficient operation, business models, and communication, as shown in the illustration below.



3 CONCEPTUAL PILLARS

Integration in ARV means the coupling of people, buildings, and energy systems, through multi-stakeholder co-creation and the use of innovative digital tools.

Circularity in ARV means a systematic way of addressing circular economy through the integrated use of LCA (Life Cycle Assessment), digital logbooks, and material banks.

Simplicity in ARV means to make the solutions easy to understand and use for all stakeholders, from manufacturers to end-users.

6 DEMONSTRATION COMMUNITIES

The demonstration communities are urban regeneration projects in different locations around Europe:

Palma de Mallorca – Spain, Trento – Italy, Utrecht – the Netherlands, Karviná – Czechia, Sønderborg – Denmark, Oslo – Norway.

They have been carefully selected to represent the **different European climates and contexts**, and due to their high ambitions in **environmental, social, and economic sustainability**. Together, they will demonstrate more than 50 innovations in more than 150,000 m² of buildings.



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