



# ARV

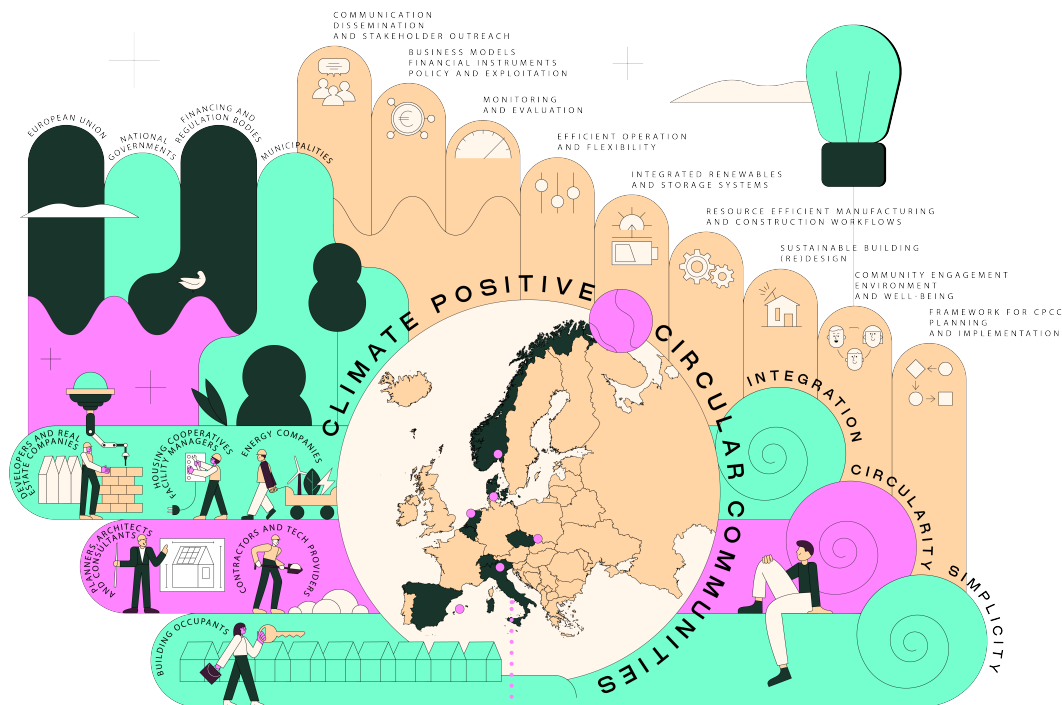
## CLIMATE POSITIVE CIRCULAR COMMUNITIES

### 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 m<sup>2</sup> of buildings.



### CONTACT US

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