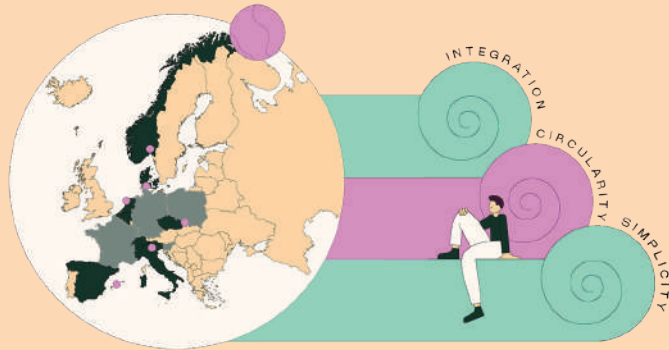


## OUR CONCEPT

ARV is a H2020 EU-funded project aiming at creating climate positive circular communities in Europe and increasing the building renovation rate in the continent. To achieve this, we will employ a novel concept relying on a combination of 3 conceptual pillars, 6 demonstration projects, and 9 thematic focus areas.

## 3 PILLARS



The 3 conceptual pillars are integration, circularity, and simplicity. **Integration** in ARV means the coupling of people, buildings, and energy systems, through multi-stakeholder co-creation and use of innovative digital tools.

**Circularity** in ARV means a systematic way of addressing circular economy through integrated use of 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.

## CONTACT US



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## OUR PARTNERS



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# ARV



Contributing to the wide scale implementation of Climate Positive Circular Communities (CPCC) where people can thrive and prosper for generations to come.

## ABOUT ARV

ARV is a Norwegian word meaning “heritage” or “legacy”. It reflects the emphasis on circularity, a key aspect in reaching **the project’s main goal of boosting the building renovation rate in Europe.**

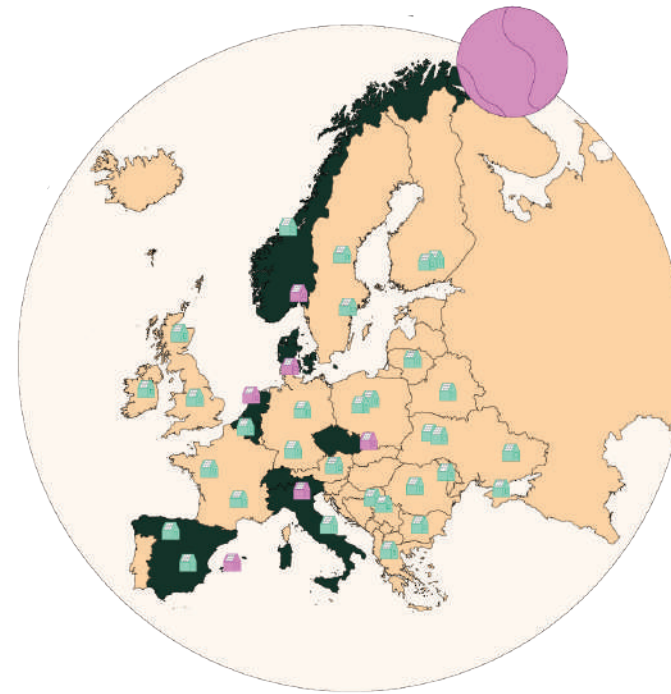
**35 partners** came together from **8 different countries** to enable rapid and wide-scale deployment of CPCCs around Europe.

ARV will facilitate a fast market uptake and cost-efficient replication of the CPCC concept, and thus significantly contribute to the full decarbonisation of Europe by 2050.



## 6 DEMONSTRATION PROJECTS

The 6 demonstration projects are urban regeneration projects in different locations around Europe. 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.**



ARV will demonstrate innovative scalable solutions for renovation of **social housing and public buildings** that will give significant **reductions in construction and operation costs (30%)**, while provide **good indoor climate and architectural qualities** and **alleviating energy poverty** (at least 50% reduction in energy/power bills).

## 9 FOCUS AREAS

The 9 thematic focus areas are:

- 1**  Effective planning and implementation of CPCCs
- 2**  Enhancing citizen engagement, environment, and well-being
- 3**  Sustainable building re(design)
- 4**  Resource efficient manufacturing and construction workflows
- 5**  Smart integration of renewables and storage Systems
- 6**  Effective management of energy and flexibility
- 7**  Continuous monitoring and evaluation
- 8**  New business models and financial mechanisms, policy instruments and exploitation
- 9**  Effective communication, dissemination, and stakeholder outreach