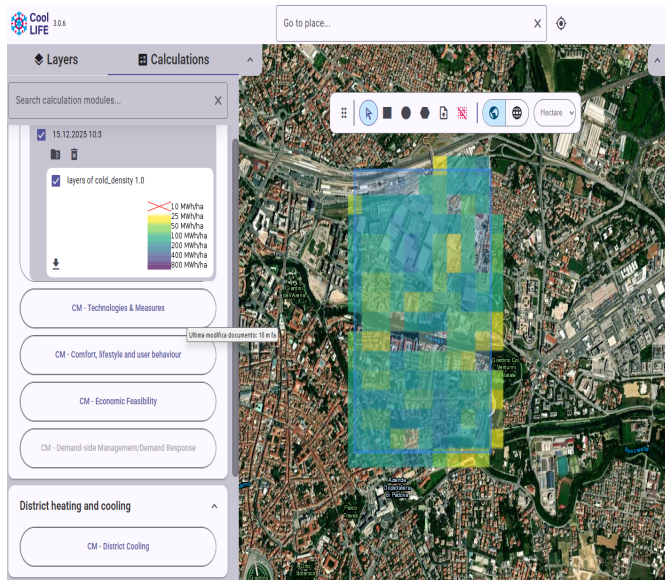


CoolLIFE



SOURCE

<https://tool.coollifeproject.eu/map>

DEVELOPER

CoolLife project EU funded

TYPE OF RESOURCES

Planning tool

AVAILABLE FOR FREE/LICENSE

Entirely free

USER FRIENDLINESS

User-friendly

TUTORIALS AVAILABLE

<https://www.youtube.com/watch?v=BNxwndkm3zI>

SHORT DESCRIPTION

It is a planning and analysis tool designed to support public authorities, engineers and other stakeholders in making better low-carbon cooling decisions for buildings and cities by mapping space cooling demand from the local (hectare) scale up to the EU-wide (continental) level, analysing current and future cooling needs including behavioural and comfort factors, offering recommendations on efficient and sustainable cooling options such as the integration of renewable energy sources, and presenting the economic, legal, policy and regulatory considerations that influence cooling-related decisions.

PHASE OF THE H&C PLAN

- **Baseline assessment:** H&C demand and consumption
- **Intervention and decarbonisation scenarios:** Simulating building retrofits.

OUTPUT OF THE TOOL

- Space cooling demand of buildings with efficiency measures (fans and shading) [MWh/yr]
- Cooling power capacity with efficiency measures (fans and shading) [MW]

REQUIRED INPUT

Selected area

MAIN ADVANTAGES

- Very userfriendly and free.
- Addresses legal, policy and regulatory considerations.
- Timely and Relevant: as the project ended in August 2025 its findings and materials are up-to-date and relevant to the current challenges.

MAIN DISADVANTAGES

- Only for cooling (no heating)
- No info about CO2 emissions