



FUTURE-PROOFING HERITAGE BUILDINGS BY OPTIMISING COMFORT AND ENERGY IN TIME AND SPACE

HeriTACE

✉ heritace@ugent.be

✕ HeriTACEproject

🌐 www.heritace.eu

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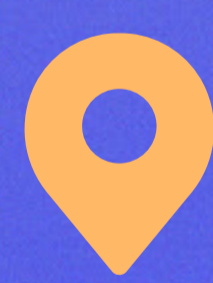
Our transdisciplinary team is dedicated to developing **innovative solutions for deep renovations of heritage townhouses**. Through holistic assessments, optimal design approaches, durable insulation solutions, smart HVAC concepts, and integrated energy supply solutions and the use of renewable and residual energy sources, **HeriTACE ensures a sustainable future for historical neighborhoods**.

An overall holistic renovation approach for heritage townhouses:

- **Holistic assessment model** and transdisciplinary processes to create a holistic vision and plans
- Optimal and **integrated design approaches**, replicable through standardised guidelines

Specific innovations for heritage townhouses in 4 historical cities:

- **Durable insulation and air tightness** solutions
- Optimised and smart controlled **HVAC** concepts
- Integrated local **R²ES** based energy supply solutions



6 PARTNER COUNTRIES



17 PARTNERS



2024-2028



4.5 M€ BUDGET



**TAL
TECH**

Architects' Council of Europe
Conseil des Architectes d'Europe
**ace-
cae
eu**

KU LEUVEN

SINTEF

**eurac
research**

niku

**POLITECNICO
MILANO 1863**

ghent:



ZH spin-off

BUILTWIN
Sustainable Building Control

LGi
sustainable innovation

SWECO

SAKRET

DENYS

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