



## City Heritage Information Model in Europe (CHIME)

### Developing together the European City Heritage Information Model - A shareable toolkit for the preservation of Municipal Modern Heritage Assets

In October 2020, the European Commission published its Renovation Wave communication, a strategic document accompanied by an action plan, aiming at “greening our buildings, creating jobs, improving lives”. The Renovation Wave is part of the Green Deal, which sets the objective of climate-neutrality by 2050 at EU level. Set against this background, European cities search today for routes to a resource efficient and carbon neutral built environment.

Within this context, the Municipal Asset Management becomes a true focus requiring the development and improvement of new or adjusted policy instruments, in order also to respond to one of the three Main Renovation Wave Priorities, which is **Renovation and Maintenance of Public Buildings**.

Preserve, Regenerate, and Maintain these Municipal Heritage Assets constitutes one of the main challenges for our European cities, where a large percentage of public buildings are listed buildings and are part of the rich and diverse European Modern Heritage.

As stated in the 2011 UNESCO Recommendation on the Historic Urban Landscape “Urban heritage, including its tangible and intangible components, constitutes a key resource in enhancing the liveability of urban areas, and fosters economic development and social cohesion in a changing global environment. As the future of humanity hinges on the effective planning and management of resources, conservation has become a strategy to achieve a balance between urban growth and quality of life on a sustainable basis.”

The **CHIME Interreg project** aims to improve policy instruments on the sustainable maintenance of Modern Heritage in cities across Europe through exchanging experience and transferring good practices. On the basis of the good practices identified, the project wants to develop an evidence-based action plan - basing a new governance model on the definition and development of the European City Heritage Information Model (CHIM). **CHIM** offers the opportunity to better understand the connection between modern heritage structures and their urban setting, providing the right tools to better manage these assets.

Each “City Partner” will share and exchange their own experiences in managing Modern Heritage assets. By exchanging good and best practices, CHIME’s goal is to preserve our modern heritage.

CHIME Interreg project is to create a CHIME project network by developing a “template” and a replicable model that can be adopted and repeated in other cities across Europe.

Each CHIM model not only captures a highly interactive 3D representation of each building within a two-dimensional footprint provided by GIS, but also it includes historic data, previous repair campaigns, any alterations, energy consumptions, and current maintenance plan etc. CHIM Model becomes a “real-time” database offering greater opportunities for deep analysis and playing with theoretical alterations to the urban environment as an interconnected whole. In addition, CHIM Model will become a vital toolkit for planning and budgeting maintenance and future interventions, and also will assist each municipality to make their structures more sustainable by monitoring and improving their energy performance. Creating a CHIME Network will also allow different stakeholders to learn and to apply these experiences to Heritage structures that are privately owned.

We are looking for potential partners among organisations from all four “corners” of Europe being responsible for policy instruments related to the sustainable maintenance of Modern Heritage.