

LETTERHEAD

LETTER OF INTENT

Trento (Italy), .../.../.....

Ferrara (Italy), .../.../.....

The undersigned FABIO REMONDINO, Head of Unit of 3DOM at Fondazione Bruno Kessler (FBK), in the quality of coordinator of Interreg Central Europe **BOOSTEE-CE** (Boosting Energy Efficiency in Central European Cities through Smart Energy Management) and CHIARA FRANCESCHINI (EU Funds Unit at SIPRO), in the quality of coordinator of the Interreg Central Europe **CitiEnGov** project (Cities for a Good Energy Governance) hereby confirm the willingness to collaborate and create synergies between the two projects.

The mutual interest is related to the focus of both projects on energy data at level of buildings, from two different and complementary perspectives:

- **BOOSTEE-CE**: developing a 3D energy management system and pilot actions
- **CitiEnGov**: providing a transnational methodology to harmonize energy-related data

In this context, the Municipality of Ferrara (CitiEnGov associated partner) together with the CitiEnGov project lead partner (SIPRO) already collected, integrated and harmonized spatial (2D) and energy related data about municipal and private buildings that may be of interest and useful for BOOSTEE-CE (in particular within the framework of WPT2).

Viceversa, BOOSTEE-CE may provide to CitiEnGov project examples of 3D models and associated attributes of buildings that are located in the territory of Emilia-Romagna region.

The following Annex contains a possible list of actions to be executed in the frame of the cooperation between BOOSTEE-CE and CitiEnGov projects.

Furthermore, within this context, the aforementioned coordinators confirm the willingness to participate to future events to be organized in Emilia-Romagna region to regularly share information about the achievements of both projects.

Yours faithfully,

Fabio Remondino
FBK
BOOSTEE-CE

Chiara Franceschini
SIPRO
CitiEnGov

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ANNEX

In the context of the Interreg Central Europe “CitiEnGov” project (CE496), the Municipality of Ferrara (associated partner) together with the project lead partner (SIPRO) and supported by Dedagroup Public Service (participant partner) will define together with FBK and Regione Emilia-Romagna (lead partner and participant partner of BOOSTEE-CE project) a list of data that may be shared.

The following provisional list contains a set of data that might be provided by CitiEnGov project to BOOSTEE-CE project:

- 2D buildings footprint (based on Municipal register of buildings)
- measured height of buildings (collected on-site)
- estimated height of buildings (from Regional Topographic database)
- buildings age of construction (collected on-site and from Census)
- number of building units (based on Municipal register of buildings)
- buildings volumes and areas (based on Municipal register of buildings)
- uses of buildings (based on Municipal register of buildings)
- Energy Performance Certificates of buildings/building units (from Regional SACE system)
- annual consumptions of gas, electricity, district heating (from utilities)

The following provisional list contains a set of data that might be provided by BOOSTEE-CE project to CitiEnGov project:

- buildings footprint (with attributes) for the municipality of Bologna and Trento
- 3D building geometries (LOD1) for the municipalities of Bologna and Trento
- Methodology to generate and visualize LOD1 building models

These (and/or) other data can be provided free of charge, without any reference to persons and grouped at address and/or building level, with the only constraint of using them in the boundary of the BOOSTEE-CE activities. The results of the activities which will be executed by BOOSTEE-CE using the data provided by the CitiEnGov project will be shared with the CitiEnGov consortium, and viceversa.