
Hub of circular cities boosting platform to foster investments for the valorisation of urban biowaste and wastewater

Title and number of the project:

Hub of circular cities boosting platform to foster investments for the valorisation of urban biowaste and wastewater

Grant agreement ID: 101000836 – HOOP

Programme, topic, provider:

Programme: Horizon 2020

- H2020-EU.3.2.4.2. - Developing integrated biorefineries
- H2020-EU.3.2.4.1. - Fostering the bio-economy for bio-based industries

Topic: CE-FNR-17-2020 - Pilot circular bio-based cities – sustainable production of bio-based products from urban biowaste and wastewater

Provider: European commission

Coordinator:

CENTRO TECNOLÓGICO DE LA ENERGÍA Y EL MEDIO AMBIENTE

Participants:

NAFIGATE Corporation, a.s. and other 22 participants from Europe

NAFIGATE Corporation a.s. with other 22 participants from EU realize project “Hub of circular cities boosting platform to foster investments for the valorisation of urban biowaste and wastewater” from 1.10.2020 to 30.9. 2024.

The HOOP Project will help to unlock bio-based investments and deploy local bio economies in Europe through a systemic and cross-cutting approach. It will offer Project Development Assistance (PDA) to a group of 8 lighthouse cities and city clusters - to build the technical, economic, financial and legal expertise needed to develop concrete investments to valorise OFMSW (Organic Fraction of Municipal Solid Waste) or UWWS (Urban Wastewater Sludge) with the aim of obtaining safe and sustainable bio-based products. Each PDA will contain detailed implementation assistance and a defined Circular Business Model tailored to each participating lighthouse city, as well as financing mechanisms to be used for mobilising investment. Moreover, HOOP will launch stakeholder engagement and citizen



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science initiatives to allow for the co-design of an improved collection of OFMSW for its later optimum valorisation. It will promote behavioural change and acceptability of biowaste-based products, as well as food waste prevention.

The HOOP Project will also feature the HOOP Urban Circular Bioeconomy Hub (UCBH), an online platform that will provide opportunities to replicate the PDAs of the lighthouse cities in other follower cities (currently composed by 26 committed cities from all around Europe) – under the launch of the Network of Follower European Cities. HOOP continues the work of the projects VALUEWASTE, Scalibur and WaystUP!, funded under topic CE-SFS-25-2018 and coordinated by the three technical leaders of HOOP. The HOOP Consortium covers the whole value chain, from biowaste recovery to valorisation and characterization of the final products and unites complementary stakeholders with the deep multi-disciplinary knowledge crucial to PDA creation and the achievement of project objectives. It includes partners from 10 EU member countries, 5 municipalities and 3 clusters of cities.



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