



From biowaste to soils the Bin2Bean approach

The Bin2Bean project will support European cities by promoting innovations that aim to valorise bio-waste and optimising their recycling into soil improvers through innovative and economically viable value chain. Partners follow the PLAN-DO-CHCEK-ACT approach outlined below

PLAN - Mapping contexts and opportunities

Beginning with an in-depth analysis of local, national, and EU contexts regarding bio-waste collection and recycling into soil improvers, the project will first assess the state-of-the-art within cities, identifying challenges and opportunities that the project could address and proposing scenarios to guide the selection of the most suitable approach for their context. For each LL, 5-10 solutions will be selected for a further screening and implementation.

DO - Developing and improved evaluation framework

The development and validation of an improved evaluation framework for safe and sustainable soil improvers from bio-waste, based on social, economic and environmental indicators and adapting to local contexts, is a relevant and crucial step for the selection of the most valuable selected solutions.

CHECK - Testing the performances of solutions

After testing the performance of soil improvers on experimental sites and assessing end-user acceptance, data will feed into decision tools for cities and end-users— a scoring system and FARM MAPs—to select the most suitable and promising solutions.

ACT - Local business models and strategies

Local business models and go-to-market strategies will be developed for selected solutions and end-users acceptance and willingness to adopt will be assessed in order to increase their market uptake and the transition from innovation to practical implementation.

ACT - Advising Cities

Advise cities on boosting the production of soil improvers from bio-waste at the local level is at the core of the BIN2BEAN project which will update local regulations and policy actions based on project results and support the creation of new local funding opportunities to foster the development and deployment of selected solutions. As one of the main project output, the project will deliver a toolbox for cities will include a roadmap, guiding local authorities to implement the BIN2BEAN approach in their cities.

Project partners



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