



SCAN ME!

## From Biowaste to soil regeneration

### Why the soil?

Soil fertility is decreasing

Between 60 and 70% of EU soils are unhealthy

because of



Erosion, desertification

Pollution, contamination

The soil needs the organic matter from bio-waste!

100,000 km<sup>2</sup> of agricultural land lost every year

30% of cultivated land has become unproductive

the surface of Iceland

### Why biowaste?



Households, restaurants and retailers produce **FOOD AND KITCHEN WASTE**

Parks, green areas, gardens produce **GREEN WASTE**

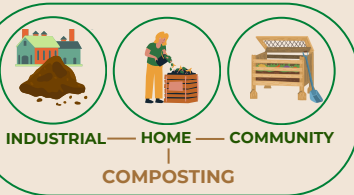
**BIO-WASTE**

Only 1/3 of the generated biowaste is separately collected

Well sorted biowaste can be treated in different ways

**COMPOST**

Soil improver



INDUSTRIAL — HOME — COMMUNITY

COMPOSTING

### Bin2Bean concept

In 3 European pilot cities (Hamburg, Amsterdam, Egaleo), the project will:

- 1 Map and analyse local contexts and opportunities
- 2 Assess the safety and performance of bio-waste collection & resulting soil improvers
- 3 Select the most promising and relevant solutions to promote and fund
- 4 Develop local business models for these selected solutions

Based on their own local initiatives, context and needs

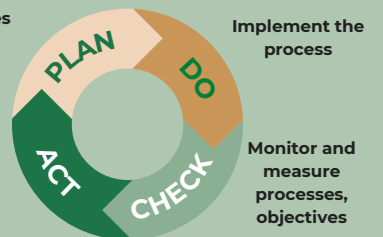
App for end-users to select the best soil improver

farmmaps



Establish the objectives and processes necessary to deliver results

Take action to continually improve the system



Decision-making tool: scoring-system to select the market-ready solution



Performance data



Specificities of local context

SCORING SYSTEM

IF > 70/100 → SELECTED

IF < 70/100 → YOU CAN IMPROVE

### Project partners



### Get in touch!

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Bin2Bean



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