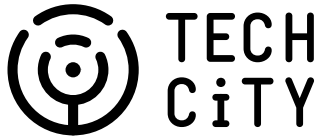




# Aveiro Urban Challenges

CHALLENGE Veolia



## Partner

VEOLIA

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### Contact Partner for Challenge Development

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## Challenge

Bio-waste selective collection solutions

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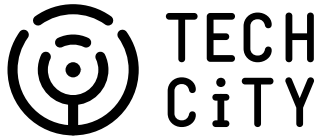
### Challenge´s Scope

Considering:

- a) The shifting paradigm of waste management, imposed by the circular economy novel challenges and reflected in the Waste Framework Directive (Directive (EU) 2018/851), which covers bio-waste and its selective collection;
- b) The Strategic Plan for Urban Solid Waste 2020+ (PERSU2020 +), which promotes the increase of selective waste collection in areas of greater potential;
- c) The technical, environmental and economic assessment of the areas with the highest potential for selective collection of biowaste, as part of a study commissioned by APA - Portuguese Environment Agency from EY, recently made public and available at:

[https://apambiente.pt/\\_zdata/DESTAQUES/2019/SeminarioRepensarNovosDesafiosResiduos/1\\_EY\\_BernardoAugusto.pdf](https://apambiente.pt/_zdata/DESTAQUES/2019/SeminarioRepensarNovosDesafiosResiduos/1_EY_BernardoAugusto.pdf)

We consider appropriate, the development of technology-based solutions that contributes to a successful, efficient and sustainable biowaste selective collection in the Municipality of Aveiro.



### **Challenge Development**

The challenge is to develop and test solutions and technological models for selective collection of biowaste, namely intelligent containerization systems (deposition equipment) with the application of IoT solutions that allow reliable collection and management of information that can underpin a PAYT (Pay-As-You-Throw) mechanism or another.

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### **Partner Mentor**

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