

Urban wastewater infrastructures - best practices in the European Green Deal: Stakeholder workshop



23rd October 2020: The ALICE Project, which is accelerating innovation in urban waste management for climate change, is hosting an online stakeholder workshop on Wednesday 11th November 2020 from 08:00 – 13:30 GMT. The workshop, which is free and open to all stakeholders, will focus on themes related to the challenges faced by wastewater management for climate change with analyses of a case study in Brazil, modelling developments in Turkey, and an examination of Nature Based Solutions (NBS) in Nordic climates and Scotland.

ALICE Project partner REDINN will be represented by Mr Leonardo Piccinetti, who will not only provide an overview of the challenges but will also examine the socio-economic impact of local adaptation solutions. ALICE Project Partner BC3 will be represented at the workshop by Dr Marc Neumann from BC3, who will deliver a presentation on vulnerability assessment and wastewater infrastructures.

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About this Event

The ALICE I Innovation in Urban Waste Management for Climate Change EU project aims to accelerate innovation in urban wastewater management to address the effects of climate change, identify solutions and work towards removing barriers to their adoption and implementation.

Green infrastructure provides a range of services that make both a substantial contribution towards climate change adaptation and a limited yet important contribution towards climate change mitigation.

Such natural interventions are increasingly being recognised as a desirable ‘win-win’ approach to combating climate change, as they also help to deliver multiple other social, economic and environmental benefits.

In addition to learning of the challenges and some of the solutions, the event and follow-up discussions provided an opportunity for participants to network and explore potential future collaborations in developing and testing sensing technologies.

For information about the ALICE project:

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About the ALICE Project

Through mobility (secondments) of staff members facilitating the transfer of knowledge and boosting staff skills and career perspectives, ALICE aims to: explore society’s role, social behaviour and acceptability in the development of innovative management systems for urban WW; improve the urban resilience of WW infrastructures; enhance the reuse of reclaimed WW and resource recovery, exploring the leading edge technologies of urban WW treatment to broaden its dimension in Europe; explore the WW and energy nexus in WW treatment plants to reduce their carbon footprint, adopting a holistic approach to resource efficiency.

ALICE will go beyond the state-of-the-art, suggesting new tools, methodologies and knowledge to boost innovation in the wastewater sector.

ALICE will develop an innovative interdisciplinary research programme, combining different competences (engineering, chemistry, economics, planning, governance and law, biology), methodologies and tools, following a problem-focused approach. One of the main innovative aspects of the research approach is the design of an integrated structure where different themes are clearly defined but at the same time strongly interrelated with one another.

Different disciplines and sectors will work together on specific themes to address the four objectives:

- [Urban resilience and wastewater infrastructures](#)
 - [Wastewater and energy nexus](#)
 - [Reclaimed wastewater reused and resource recovery](#)
- linked together by the analysis of
- [Society's role in introducing innovative urban wastewater systems](#)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 734560