**Objective**

The challenges facing society in urban wastewater management cannot be solved by any one sector alone. ALICE (AcceLerate Innovation in urban wastewater management for Climate changE) will accelerate innovation by bringing together and exchanging knowledge between the key players who can, together, address the future techno-economic, governance and societal challenges arising from climate change. It will boost international and interdisciplinary skills, as well as careers perspective of Experienced Researchers, Early Stage Researchers, and the workforce of industry, water utilities and public organizations. The results will 1) benefit water utilities, 2) support political and managerial decisions in wastewater, 3) benefit wastewater equipment manufacturers, identifying new market opportunities in the EU, 4) benefit EU citizens from the improved wastewater infrastructure, the environment and job creations.

Higher precipitation and more frequent storms will require change in sewer water...
Higher precipitation and more frequent storms will require change in sewer water management. Moreover, higher risks of water scarcity and droughts require increased wastewater reuse, currently at 20% of its potential in the EU. These changes will lead to increased energy demand in a sector that is already a major contributor of carbon emissions. ALICE will promote effective solutions based on innovative technologies, green infrastructures, climate vulnerability assessments, governance and economic models, embracing stakeholders’ and citizens’ views to overcome barriers to the acceptance and uptake of new technologies. The excellence of the project lies in the joined-up thinking of different perspectives and disciplines. Academic and non-academic partners along the wastewater value-chain will exchange knowledge, develop training, research and innovation activities. ALICE will build lasting knowledge and cooperation networks and will provide the non-academic sector with practical solutions to respond in innovative ways to the challenges posed by climate change.

Field of science

/social sciences/economics and business/business and management/commerce
/engineering and technology/environmental engineering/water management
/social sciences/sociology/governance

Programme(s)

Topic(s)

Call for proposal

H2020-MSCA-RISE-2016

Funding Scheme

MSCA-RISE - Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE)

Coordinator

UNIVERSITY OF ULSTER

Address

Cromore Road
BT52 1SA Coleraine
United Kingdom

Activity type

Higher or Secondary Education Establishments

EU contribution

€ 99 000

Website

Contact the organisation
<table>
<thead>
<tr>
<th>Participant</th>
<th>Country</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHERN IRELAND WATER LIMITED</td>
<td>United Kingdom</td>
<td>€ 45 000</td>
<td>Frederick Street 3 Northland House, BT1 2NR Belfast</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>THE QUEEN'S UNIVERSITY OF BELFAST</td>
<td>United Kingdom</td>
<td>€ 99 000</td>
<td>University Road Lanyon Building, BT7 1NN Belfast</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>DUBLIN CITY UNIVERSITY</td>
<td>Ireland</td>
<td>€ 94 500</td>
<td>Glasnevin 9 Dublin</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>DIONERGY LIMITED</td>
<td>Ireland</td>
<td>€ 40 500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organization</td>
<td>Country</td>
<td>EU Contribution</td>
<td>Address</td>
<td>Activity Type</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>-----------</td>
<td>-----------------</td>
<td>-------------------------------------------------------------------------</td>
<td>----------------------------------------------------</td>
</tr>
<tr>
<td>ASOCIACION BC3 BASQUE CENTRE FOR CLIMATE CHANGE - KLIMA ALDAKETA IKERGAI</td>
<td>Spain</td>
<td>€ 36 000</td>
<td>Edificio 1 Planta 1 Parque Cientifico De Upv/ehu Barrio, Sarriena, 48940 Leioa</td>
<td>Research Organisations</td>
</tr>
<tr>
<td>CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS-CIEMAT</td>
<td>Spain</td>
<td>€ 36 000</td>
<td>Avenida Complutense 40, 28040 Madrid</td>
<td>Research Organisations</td>
</tr>
<tr>
<td>REGION DE MURCIA</td>
<td>Spain</td>
<td>€ 171 000</td>
<td>Plaza Juan Xxiii, E-30008 Murcia</td>
<td>Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)</td>
</tr>
</tbody>
</table>
UNIVERSITA DEGLI STUDI DI MACERATA
Italy
EU contribution
€ 99 000
Address
Via Crescimbeni 30-32
62100 Macerata
Website
Contact the organisation
Activity type
Higher or Secondary Education Establishments

REDINN - SRL
Italy
EU contribution
€ 90 000
Address
Via Mar Di Bering 39B
00040 Pomezia
Website
Contact the organisation
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

ASET SPA
Italy
EU contribution
€ 27 000
Address
Via Enrico Mattei 17
61032 Fano Ps
Contact the organisation
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

UNIVERSITY OF CYPRUS
Cyprus
EU contribution
€ 36 000
Address
Kallipoleos Street 75
1678 Nicosia
Website
Contact the organisation
Activity type
Higher or Secondary Education Establishments
MILITOS SYMVOULEUTIKI A.E.

Greece

EU contribution
€ 27 000

Address
Acharnon 335
11145 Athina

Activity type
Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

Contact the organisation

Last update: 13 September 2020
Record number: 207456

Permalink: https://cordis.europa.eu/project/id/734560/

© European Union, 2020