



Information Day

Horizon 2020 Societal Challenge: Climate Action, Environment,
Resource Efficiency and Raw Materials
2015 Calls

AGUAS DE ALICANTE

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AGUA MANCOMUNIDAD DE AGUAS (Empreses Múltiples)



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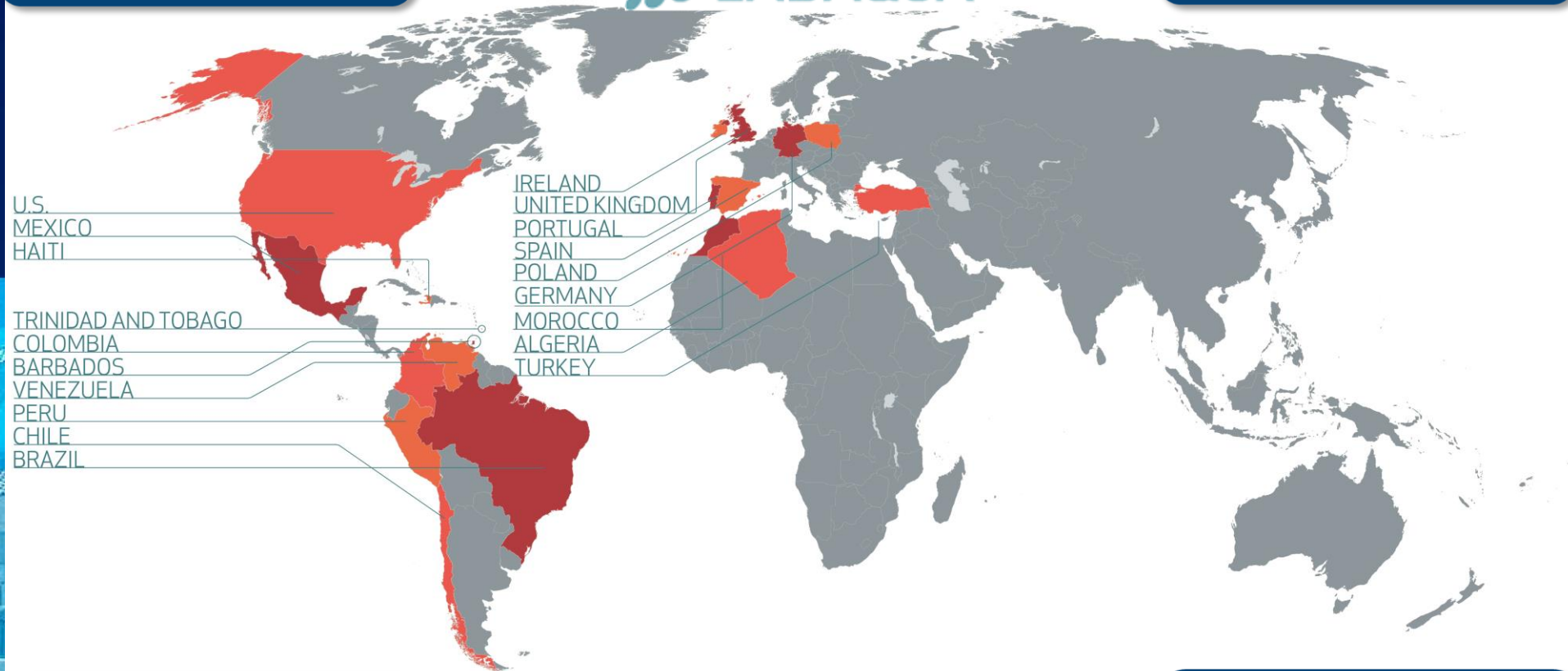
OUR GROUP



140 years of
experience



150 companies

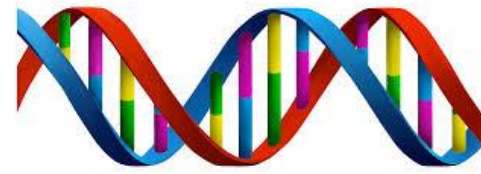


23 countries



10.000
professionals

INNOVATION: OUR DNA

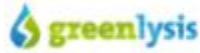


EUROPEAN PROJECTS

9 FP7 – HORIZON 2020

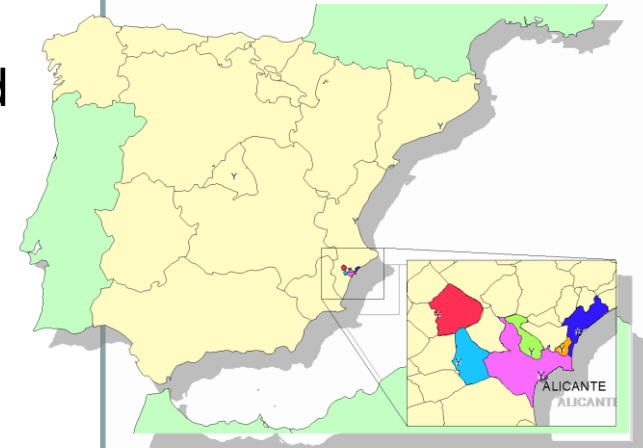
1 JTI – JU FCH

13 LIFE+



AGUAS DE ALICANTE

- 50/50 public-private created in 1898
- Drinking water supply, sanitation and reused water distribution.
- Supplied population: +750.000 in summer
- Water network: 2.250 Km / Sewer Ntwk. 739 Km



- Context of water scarcity and seasonal demand
- Network yield highest in Spain (93%)
- Irregular rains and fast flood episodes



ALICANTE ECOSYSTEM SERVICES

Automated
Antipollution
Retention
Tank



Creation of
the Anti-flood
urban Park

Public
Information
System for
Bathing Water
Quality



Extensive
Urban Water
Reuse



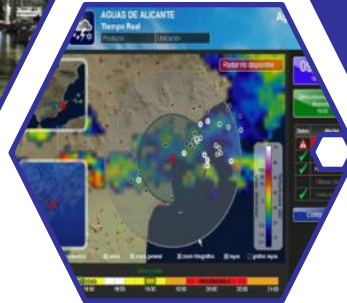
DSS for
Water
Resource
Management



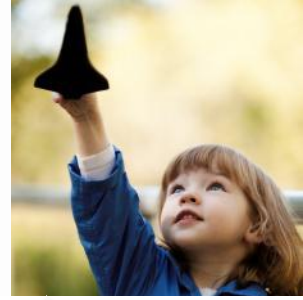
Energy
recovery from
waste water
sludge



Early Warning
System for
flood & sewer
overflow risk



INNOVATION: OUR DREAMS



Engineering & Quality

- Detection of emerging contaminants.
- New methods of detection and identification of hydrocarbons.
- Hydrocarbons separation: in continuous and semicontinuous.
- Soil contamination: detection and remediation.

ICT

- Networks, Optimum Control, BI-GIS, DSS, Robotics, Water-Energy-Food Nexus.
- Cloud Computing, IoT, Big Data, Customer Engagement, New Technologies.



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