



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

AGUAS DE ALICANTE



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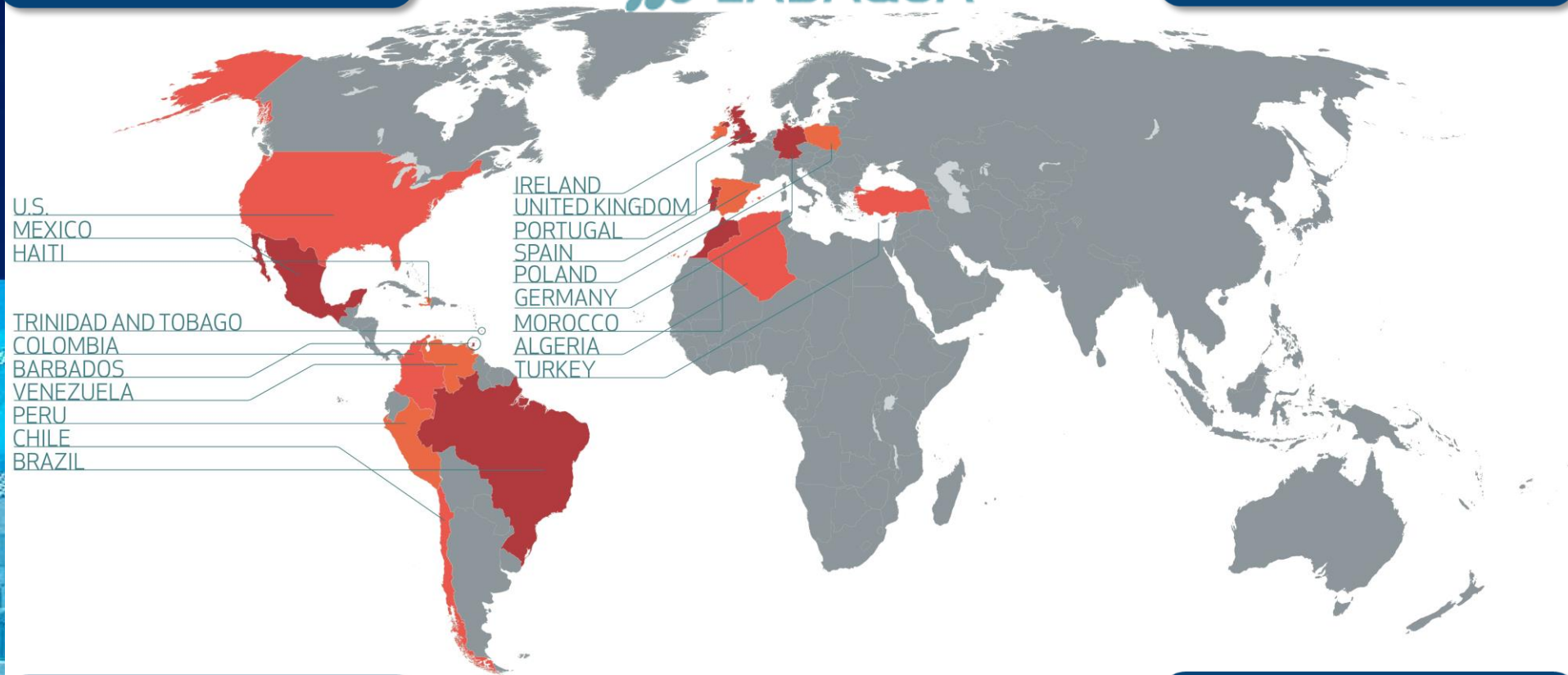
OUR GROUP



**140 years of
experience**



150 companies



U.S.
MEXICO
HAITI

TRINIDAD AND TOBAGO
COLOMBIA
BARBADOS
VENEZUELA
PERU
CHILE
BRAZIL

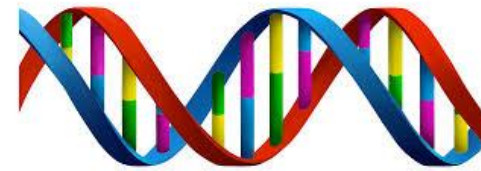
IRELAND
UNITED KINGDOM
PORTUGAL
SPAIN
POLAND
GERMANY
MOROCCO
ALGERIA
TURKEY

23 countries



**10.000
professionals**

INNOVATION: OUR DNA



EUROPEAN PROJECTS

9 FP7 –
HORIZON
2020

IMPRINTS

Prepared
enabling change

CORFU
FP7 Collaborative research on
flood resilience in urban areas

PIPE
GUARD

pearl
Preparing for Extreme And Rare
events in coastal regions

DEMEAU

EUPORIAS

AQUAVALENS

DESSIN

EFFINET

WIDEST

@qua
ICT
for water
efficiency

I JTI – JU
FCH

MCFC
CONTEX

13 LIFE+

RECOVERY

greenlysis

biocell

ENSAT

WATER
CHANGE

LIFE
WIRE

aquaenvac

QWARE

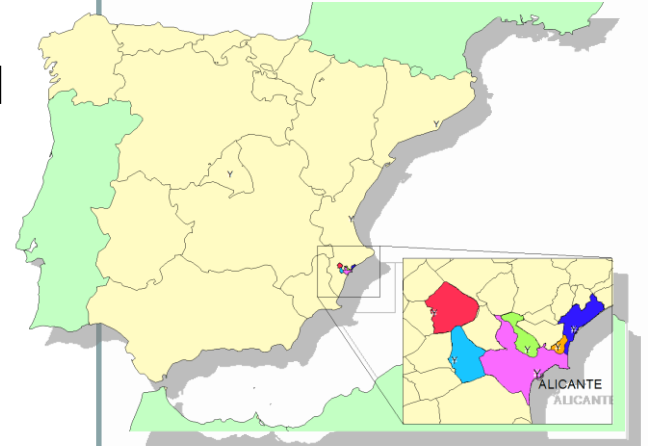
AQUATIK

uftec
www.life-uftec.com

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

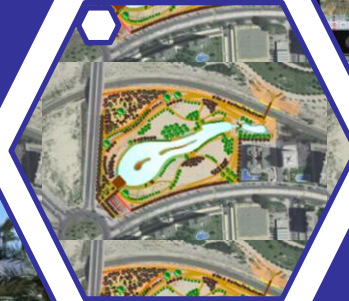


Creation of
the Anti-flood
urban Park

Public
Information
System for
Bathing Water
Quality



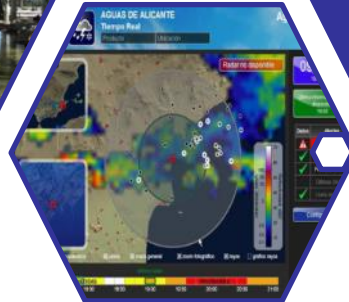
Extensive
Urban Water
Reuse



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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