ULTIMATE: indUstry water-utiLiTy symbiosis for a sMarter wATer society

Fact Sheet

Project Information

**ULTIMATE**

Grant agreement ID: 869318

Funded under

SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

DOI

[10.3030/869318](https://doi.org/10.3030/869318)

**Start date**

1 June 2020

**End date**

31 October 2024

**Total cost**

€ 16 614 813,75

**EU contribution**

€ 13 527 116,27

**Coordinated by**

KWR WATER BV

Netherlands

Project description

**Water smart industrial symbiosis**

Wastewater can act as a reusable resource as well as a vector for energy and materials to be extracted, treated, stored and reused. The EU-funded ULTIMATE project will operate as a catalyst for Water Smart Industrial Symbiosis (WSIS), in which water/wastewater plays a key role within a dynamic socio-economic and business oriented industrial ecosystem. ULTIMATE will demonstrate the multiple uses of municipal and industrial wastewater through nine high-level demonstrations in Europe and the south-eastern Mediterranean from the agro-food processing, beverage, heavy chemical/petrochemical and biotech industries. It will recover, treat and reuse industrial and municipal wastewater, derive and exploit energy, and
extract valuable materials contained in industrial wastewater. It will also advance innovative collaborations between businesses, water service providers, regulators and policymakers for a more circular and socially responsible industry.

**Fields of science**

- engineering and technology > other engineering and technologies > food technology
- engineering and technology > environmental engineering > water treatment processes > wastewater treatment processes
- natural sciences > biological sciences > ecology > ecosystems
- natural sciences > biological sciences > biological behavioural sciences > ethology > biological interactions
- natural sciences > computer and information sciences > software > software applications > virtual reality

**Keywords**

- water-smart industrial symbiosis
- circular economy

**Programme(s)**

- H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials
- H2020-EU.3.5.4. - Enabling the transition towards a green economy and society through eco-innovation
- H2020-EU.3.5.2.2. - Developing integrated approaches to address water-related challenges and the transition to sustainable management and use of water resources and services

**Topic(s)**

- CE-SC5-04-2019 - Building a water-smart economy and society

**Call for proposal**


See other projects for this call
Sub call
H2020-SC5-2019-2

Funding Scheme
IA - Innovation action

Coordinator

KWR WATER BV
Net EU contribution
€ 1 128 312,00

Address
Groningenhaven 7
3433 PE Nieuwegein
Netherlands

Region
West-Nederland > Utrecht > Utrecht

Activity type
Other

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 483 563,00

Participants (29)

FUNDACIO EURECAT
Spain
Net EU contribution
€ 959 825,00
Address
Avenida universitat autonoma 23
08290 Cerdanyola del valles (barcelona)

Region
Este > Cataluña > Barcelona

Activity type
Research Organisations

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

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KWB KOMPENTENTZZENTRUM WASSER BERLIN GEMEINNUTZIGE GMBH

Germany

Net EU contribution
€ 850 937,50

Address
Cicerostrasse 24
10709 Berlin

Region
Berlin > Berlin > Berlin

Activity type
Research Organisations

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

---

UNIVERSITA POLITECNICA DELLE MARCHE

Italy
Net EU contribution
€ 417 500,00

Address
Piazza roma 22
60121 Ancona

Region
Centro (IT) > Marche > Ancona

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 0,00

---

WATER EUROPE
Belgium

Net EU contribution
€ 274 750,00

Address
Boulevard a. reyers 80
1030 Bruxelles / brussel

Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type
Other

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 0,00
THE UNIVERSITY OF EXETER

United Kingdom

Net EU contribution

€ 399 986,25

Address

The queen's drive northcote house
EX4 4QJ Exeter

Region

South West (England) > Devon > Devon CC

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

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ETHNICON METSOVION POLYTECHNION

Greece

Net EU contribution

€ 581 500,00

Address

Heroon polytechniou 9 zographou campus
157 80 Athina

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
CRANFIELD UNIVERSITY
CRANFIELD UNIVERSITY
United Kingdom
Net EU contribution
€ 549 682,50
Address
College road
MK43 0AL Cranfield - bedfordshire
Region
East of England > Bedfordshire and Hertfordshire > Central Bedfordshire
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 0,00

FCC AQUALIA SA
FCC AQUALIA SA
Spain
Net EU contribution
€ 1 051 102,50
Address
Calle federico salmon 13
28016 Madrid
Region
Comunidad de Madrid > Comunidad de Madrid > Madrid
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
SEVEROMORAVSKE VODOVODY A KANALIZACE OSTRAVA AS
- Czechia
- Net EU contribution: € 87,281.25
- Address: 28 rijna 1235/169, marianske hory
- Region: Česko > Moravskoslezsko > Moravskoslezský kraj
- Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
- Other funding: € 37,406.25

HIDROTEC TECNOLOGIA DEL AGUA SL
- Spain
- Net EU contribution: € 31,500.00
- Address: Avenida kansas city 9
- Region: Sur > Andalucía > Sevilla
- Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 13 500,00

---

SUEZ SMART SOLUTIONS

France
Net EU contribution
€ 384 575,63

Address
38 rue du president wilson
78230 Le pecq

Region
Ile-de-France > Ile-de-France > Yvelines

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

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 164 818,12

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STRANE INNOVATION

France
Net EU contribution
€ 490 875,00

Address
2 route de la noue
91190 Gif sur yvette

SME
**Yes**

Region

**Ile-de-France > Ile-de-France > Essonne**

Activity type

**Other**

Links

- Contact the organisation
- Participation in EU R&I programmes
- HORIZON collaboration network

Other funding

€ 210,375,00

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**EUROPEAN SCIENCE COMMUNICATION INSTITUTE (ESCI) GGMBH**

Germany

Net EU contribution

€ 468,000,00

Address

Lindenstrasse 87
26123 Oldenburg

Region

**Niedersachsen > Weser-Ems > Oldenburg (Oldenburg), Kreisfreie Stadt**

Activity type

**Other**

Links

- Contact the organisation
- Participation in EU R&I programmes
- HORIZON collaboration network

Other funding

€ 0,00

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**THE GALILEE SOCIETY-THE ARAB NATIONAL SOCIETY FOR HEALTH RESEARCH & SERVICES (RA)**

Israel

Net EU contribution
MEKOROT WATER COMPANY LIMITED
Israel
Net EU contribution
€ 288 435,00
Address
Lincoln street 9
61201 Tel aviv
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 123 615,00

GREENER THAN GREEN TECHNOLOGIES AE
Greece
Net EU contribution
€ 626 900,75
Address
AQUABIO LIMITED

United Kingdom

Net EU contribution

€ 301 256,38

Address

Ball mill top business park unit 10 b aquabio house
WR2 6LS Worcester

Region

West Midlands (England) > Herefordshire, Worcestershire and Warwickshire > Worcestershire

Activity type

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

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 129 109,87
AGUAS INDUSTRIALES DE TARRAGONA, SA

Spain

Net EU contribution
€ 332 050,25

Address
Bonavista, calle doce s/n
43100 Tarragona

Region
Este > Cataluña > Tarragona

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 142 307,25

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CONSORZIO ARETUSA

Italy

Net EU contribution
€ 501 012,50

Address
Via del gazometro, 9
57122 Livorno

Region
Centro (IT) > Toscana > Livorno

Activity type
Other

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00
THIRD-PARTY

CONSORZIO POLO TECNOLOGICO MAGONA

Italy

Net EU contribution
€ 0,00

Address
Via magona sn
57023 Cecina

SME
Yes

Region
Centro (IT) > Toscana > Livorno

Activity type
Research Organisations

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

AGROBICS LTD

Israel

Net EU contribution
€ 155 400,00

Address
The galilee society building st 79 (haifa nazareth st)
20200 Shefa amr

SME
Yes

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
WEST SYSTEMS SRL

Italy

Net EU contribution

€ 210 875,00

Address

Viale donato giannotti 24
50126 Firenze

SME

Yes

Region

Centro (IT) > Toscana > Firenze

Activity type

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

Links

Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding

€ 90 375,00

ALBERTA ANONIMI EMPORIKI & BIOMIXANIKI ETERIA XIMON

Greece

Net EU contribution

€ 100 012,50

Address

Ireo argolidas
21055 Nafplio

Region

Κεντρική Ελλάδα > Πελοπόννησος > Αργολίδα

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 42 862,50

SUEZ RR IWS CHEMICALS FRANCE

France
Net EU contribution
€ 902 562,50

Address
1 rue buster keaton
69800 Saint priest

Region
Auvergne-Rhône-Alpes > Rhône-Alpes > Rhône

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 386 812,50

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU

Norway
Net EU contribution
€ 634 920,00

Address
Hogskoleringen 1
7491 Trondheim

Region
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Krogshoejvej 36
2880 Bagsvaerd

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

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 146 801,62

X-FLOW BV
Netherlands
Net EU contribution
€ 360 368,75

Address
Marssteden 50
7547 TC Enschede

Region
Oost-Nederland  Overijssel  Twente

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

Links
Contact the organisation  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 154 443,75

CONSORZIO POLO TECNOLOGICO MAGONA
Italy
Net EU contribution
Address
Via magona sn
57023 Cecina

SME
Yes

Region
Centro (IT) > Toscana > Livorno

Activity type
Research Organisations

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

EC signature date 21 April 2020
Last update: 17 July 2023

Permalink: https://cordis.europa.eu/project/id/869318

European Union, 2023