

 Content archived on 2024-06-18



Water in Industry, Fit-for-Use Sustainable Water Use in Chemical, Paper, textile and Food Industry

Fact Sheet

Project Information

AQUAFIT4USE

Grant agreement ID: 211534

Project closed

Start date

1 June 2008

End date

31 August 2012

Funded under

Specific Programme "Cooperation": Environment
(including Climate Change)

Total cost

€ 14 580 950,40

EU contribution

€ 9 650 000,00

Coordinated by

NEDERLANDSE ORGANISATIE
VOOR TOEGEPAST
NATUURWETENSCHAPPELIJK
ONDERZOEK TNO



Netherlands

This project is featured in...



Women in science — and research to improve women's lives

Objective

"Sustainable water use in industry is the goal of AquaFit4Use, by a cross-sectorial, integrated approach. The overall objectives are: the development and implementation of new, reliable, cost-effective technologies, tools and methods for sustainable water supply, use and discharge in the main water consuming industries in order to significantly reduce water use, mitigate environmental impact and produce and apply water qualities in accordance with industrial own specifications (fit - for - use) from all possible sources, and contributing to a far-going closure of the water cycle in a economical, sustainable and safe way while improving their product quality and process stability. The 4 pillars of the project are Industrial Water Fit-for-use, Integrated water resource management, Strong industrial participation and Cross-sectorial technologies and approach. Water fit-for-use is the basis for sustainable water use; the integrated approach a must. Tools will be developed to define and control water quality. The heart of AquaFit4Use however is the development of new cross-sectorial technologies, with a focus at biofouling and scaling prevention, the treatment of saline streams, disinfection and the removal of specific substances. By intensive co-operation between the industries, the knowledge and the technologies developed in this project will be broadly transferred and implemented. This AquaFit4Use project is based on the work of the Working group ""Water in Industry"" of the EU Water Platform WSSTP; 40 % of the project partners of AquaFit4Use were involved in this working group. The expected impacts of AquaFit4Use are: A substantial reduction of fresh water needs (20 to 60%) and effluent discharge of industries; Integrating process technologies for further closing the water cycles; Improved process stability and product quality in the different sectors and strengthening the competitiveness of the European Water Industry."

Fields of science (EuroSciVoc)

[natural sciences](#) > [earth and related environmental sciences](#) > [hydrology](#).

[engineering and technology](#) > [materials engineering](#) > [textiles](#)

[engineering and technology](#) > [environmental engineering](#) > [natural resources management](#) > [water management](#)



Keywords

[Chemistry](#)

[Fit-for-Use](#)

[Food](#)

[Industrial Water](#)

[Modeling](#)

[Paper](#)

[Water Quality](#)

[Water Quality Definition](#)

[Water treatment](#)

[textiles](#)

Programme(s)

[FP7-ENVIRONMENT - Specific Programme "Cooperation": Environment \(including Climate Change\)](#)

Topic(s)

[ENV.2007.3.1.1.1. - Innovative technologies and services for sustainable water use in industries](#)

Call for proposal

FP7-ENV-2007-1

[See other projects for this call](#)

Funding Scheme

[CP-IP - Large-scale integrating project](#)

Coordinator



**NEDERLANDSE ORGANISATIE VOOR TOEGEPAST
NATUURWETENSCHAPPELIJK ONDERZOEK TNO**

EU contribution

€ 1 507 357,00

Total cost

No data

Address

**ANNA VAN BUERENPLEIN 1
2595 DA Den Haag**

 **Netherlands** 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (35)



ITT WEDECO GMBH 

 Germany

EU contribution

No data

Address

**Boschstrasse 6
32051 HERFORD** 

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](#) 

Total cost

No data



PAPIERTECHNISCHE STIFTUNG

 Germany

EU contribution

€ 716 450,00

Address

HESSSTRASSE 134
80797 Munchen 

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



UNIVERSIDAD COMPLUTENSE DE MADRID

 Spain

EU contribution

€ 576 084,00

Address

AVENIDA DE SENECA 2
28040 Madrid 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.

 Belgium

EU contribution

€ 693 750,00

Address

BOERETANG 200

2400 Mol 

Region

Vlaams Gewest > Prov. Antwerpen > Arr. Turnhout

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



ASOCIACION CENTRO TECNOLOGICO CEIT

 Spain

EU contribution

€ 452 500,00

Address

PASEO MANUEL DE LARDIZABAL 15

20018 San Sebastian 

Region

Noreste > País Vasco > Gipuzkoa

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



VEOLIA ENVIRONNEMENT RECHERCHE ET INNOVATION SNC

France

EU contribution

€ 698 608,27

Address

21 RUE LA BOETIE
75008 Paris

Region

Ile-de-France > Ile-de-France > Paris

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](#)

Total cost

No data



UNIVERZA V MARIBORU

Slovenia

EU contribution

€ 327 375,00

Address

SLOMSKOV TRG 15
2000 Maribor

Region

Slovenija > Vzhodna Slovenija > Podravska

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE

 Italy

EU contribution

€ 238 328,25

Address

LUNGOTEVERE GRANDE AMMIRAGLIO THAON DI REVEL 76
00196 Roma 

Region

Centro (IT) > Lazio > Roma

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



NESTLE WATERS MANAGEMENT AND TECHNOLOGY SA

 France

EU contribution

€ 177 500,00

Address

20 Rue Rouget de l'Isle
92130 Issy-Les-Moulineaux 

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

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](#) 

Total cost

No data



PERSTORP SPECIALTY CHEMICALS AB

 Sweden

EU contribution

€ 167 500,00

Address

.

28480 PERSTORP 

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](#) 

Total cost

No data



DHI

 Denmark

EU contribution

€ 256 549,58

Address

AGERN ALLE 5

2970 HOERSHOLM 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



CONSERVAS HIJOS DE MANUEL SANCHEZ BASARTE SA

Spain

EU contribution

€ 62 750,00

Address

**POLIGONO INDUSTRIAL ALESVES VILLAFRANCA
31330 Navarra**

Region

Noreste > Comunidad Foral de Navarra > Navarra

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](#)

Total cost

No data



ASISTENCIA TECNOLOGICA MEDIOAMBIENTAL, SA

Spain

EU contribution

€ 220 891,74

Address

**EPELE BAILARA 29
20120 HERNANI**

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](#)

Total cost

No data



SAPPI NETHERLANDS SERVICES BV

 Netherlands

EU contribution

€ 93 500,00

Address

BIESENWEG 16

6211 AA Maastricht 

Region

Zuid-Nederland > Limburg (NL) > Zuid-Limburg

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](#) 

Total cost

No data



UNILEVER INNOVATION CENTRE WAGENINGEN BV

 Netherlands

EU contribution

€ 488 000,00

Address

BRONLAND 14

6708 WH Wageningen 

Region

Oost-Nederland > Gelderland > Veluwe

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](#) 

Total cost

No data



VERMICON AKTIENGESELLSCHAFT

 Germany

EU contribution

€ 386 000,00

Address

Emmy Noether Str. 2
80992 MUENCHEN 

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

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](#) 

Total cost

No data



ENVIRO-CHEMIA POLSKA SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA

 Poland

EU contribution

€ 263 000,00

Address

UL. ROWNOLEGLA 9a
02182 WARSZAWA 

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](#) 

Total cost

No data



XYLEM WATER SOLUTIONS HERFORD GMBH

 Germany

EU contribution

€ 227 000,00

Address

BOSCHSTRASSE 4
32051 Herford 

Region

Nordrhein-Westfalen > Detmold > Herford

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](#) 

Total cost

No data



MOSTFORWATER NV

 Belgium

EU contribution

€ 206 675,42

Address

KONING LEOPOLD III LAAN 2
8500 KORTRIJK 

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](#) 

Total cost

No data



BASF ANTWERPEN NV

 Belgium

EU contribution

€ 211 000,00

Address

SHELDELAAN 600 HAVEN 725

2040 Antwerpen 

Region

Vlaams Gewest > Prov. Antwerpen > Arr. Antwerpen

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](#) 

Total cost

No data



TEKSTINA TEKSTILNA INDUSTRIJA DOO

 Slovenia

EU contribution

€ 153 500,00

Address

TOVARNISKA 15

5270 Ajdovscina 

Region

Slovenija > Zahodna Slovenija > Goriška

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](#) 

Total cost

No data



SVILANIT TEKSTILNA TOVANA DD

 Slovenia

EU contribution

€ 95 319,74

Address

Kovinarska 4

1241 Kamnik 

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](#) 

Total cost

No data



AQUATEST AS

 Czechia

EU contribution

€ 164 500,00

Address

GEOLOGICKA 4

15200 PRAHA 

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](#) 

Total cost

No data



Alpro UK Ltd

 United Kingdom

EU contribution

€ 87 500,00

Address

ALTENDIAZ WAY LATIMER BUSINESS PARK

NN15 5YT KETTERING 

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



SMURFIT KAPPA C.D. HAUPT PAPIER- UND PAPPENFABRIK GMBH 

 Germany

EU contribution

No data

Address

INDUSTRIESTR 2

33129 DELBRUCK 

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](#) 

Total cost

No data



UNIRESEARCH BV

 Netherlands

EU contribution

€ 263 500,00

Address

DELFTTECHPARK 37 J

2628 XJ Delft 

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](#) 

Total cost

No data



HOLMEN PAPER MADRID

 Spain

EU contribution

€ 351 366,00

Address

CALLE DEL PAPEL 1

28947 FUENLABRADA 

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](#) 

Total cost

No data



OBEM SPA

 Italy

EU contribution

€ 49 735,00

Address

VIA ALLA BRIGNANA 21

13900 BIELLA 

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](#) 

Total cost

No data



INOTEX SPOL SRO

 Czechia

EU contribution

€ 31 680,00

Address

STEFANIKOVA 1208

544 01 Dvur Kralove Nad Labem 

Region

Česko > Severovýchod > Královéhradecký kraj

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](#) 

Total cost

No data



INDUSTRIJSKI RAZVOJNI CENTER SLOVENSKE PREDILNE INDUSTRIJE

 Slovenia

EU contribution

€ 31 680,00

Address

KIDRICEVA 1
1270 LITIJA 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



THE EUROPEAN COMMITTEE OF ENVIRONMENTAL TECHNOLOGY SUPPLIERS ASSOCIATION AISBL

 Belgium

EU contribution

€ 54 800,00

Address

BOULEVARD AUGUSTE REYERS 80
1030 BRUXELLES 

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



PCCELL GMBH

 Germany

EU contribution

€ 39 600,00

Address

LEBACHER STRASSE 60
66265 HEUSWEILER 

Region

Saarland > Saarland > Regionalverband Saarbrücken

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](#) 

Total cost

No data



LOGISTICON WATER TREATMENT B.V.

 Netherlands

EU contribution

€ 154 500,00

Address

ENERGIEWEG 2
2964LE GROOT-AMMERS 

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](#) 

Total cost

No data



Papierfabrik Rieger GmbH & Co. KG

 Germany

EU contribution

€ 93 000,00

Address

Riegerstrasse 4

Trostberg 

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](#) 

Total cost

No data



STICHTING DELTARES

 Netherlands

EU contribution

€ 108 500,00

Address

BOUSSINESQWEG 1

2629 HV Delft 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 16 July 2019

Permalink: <https://cordis.europa.eu/project/id/211534>

European Union, 2025

