



IntegrAted SolutioNs for the DecarbOnization and Smartification of Islands

Fact Sheet

Project Information

IANOS

Grant agreement ID: 957810

[Project website](#)

DOI

[10.3030/957810](https://doi.org/10.3030/957810)

EC signature date

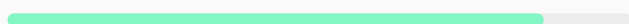
31 August 2020

Start date

1 October 2020

End date

31 December 2025



Funded under

SOCIETAL CHALLENGES - Secure, clean and efficient energy

Total cost

€ 8 786 838,75

EU contribution

€ 6 999 654,65

Coordinated by

CNET CENTRE FOR NEW ENERGY TECHNOLOGIES SA



Portugal

Project description

Reducing fossil fuel consumption on islands

Home to more than 2 200 inhabited islands, the EU is committed to facilitating their clean energy transition. A long-term framework can ensure the islands are able to generate their own sustainable, low-cost energy. The EU-funded IANOS project is working in this direction starting from the islands of Terceira (Azores), Ameland (Netherlands), Lampedusa (Italy), Bora Bora (France) and Nisyros (Greece). Bringing together 34 experienced partners from nine European countries, the project will adopt an island energy transition strategy focussed on energy efficiency,

decarbonisation through electrification and support from carbon-neutral fuels, and the empowerment of local energy communities. The findings will help to significantly reduce fossil fuel consumption, bringing the EU one step closer to reaching its climate-neutral goals.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [ecology](#) > [ecosystems](#)

[engineering and technology](#) > [environmental engineering](#) > [energy and fuels](#)



Keywords

[Decarbonization](#)

[Virtual Power Plant](#)

[Energy transition](#)

[Capacity building](#)

[Renewable Energy](#)

[Local Energy Communities](#)

[Geothermal Hydrogen economy](#)

Programme(s)

[H2020-EU.3.3. - SOCIETAL CHALLENGES - Secure, clean and efficient energy](#)

MAIN PROGRAMME

[H2020-EU.3.3.4. - A single, smart European electricity grid](#)

Topic(s)

[LC-SC3-ES-4-2018-2020 - Decarbonising energy systems of geographical Islands](#)

Call for proposal

[H2020-LC-SC3-2018-2019-2020](#)

[See other projects for this call](#)

Sub call

H2020-LC-SC3-2020-EC-ES-SCC

Funding Scheme

[IA - Innovation action](#)

Coordinator



CNET CENTRE FOR NEW ENERGY TECHNOLOGIES SA

Net EU contribution

€ 665 612,50

Total cost

€ 950 875,00

Address

RUA CIDADE DE GOA 4

2685 039 Sacavem E Prior Velho Lisboa

 Portugal 

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](#) 

Participants (33)



UNINOVA-INSTITUTO DE DESENVOLVIMENTO DE NOVAS TECNOLOGIAS-ASSOCIACAO

 Portugal

Net EU contribution

€ 245 862,50

Address

CAMPUS DA CAPARICA QUINTA DA TORRE

2829-516 Caparica 

SME 

Yes

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 245 862,50



EFACEC ENERGIA - MAQUINAS E EQUIPAMENTOS ELECTRICOS SA

 Portugal

Net EU contribution

€ 188 037,50

Address

LUGAR DA ARROTELA

4465 587 Leca Do Balio 

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

€ 268 625,00



EDA - ELECTRICIDADE DOS AÇORES SA

 Portugal

Net EU contribution

€ 233 625,00

Address

RUA FRANCISCO PEREIRA ATAÍDE 1

9504 Ponta Delgada 

Region

Região Autónoma dos Açores > Região Autónoma dos Açores > Região Autónoma dos Açores

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

€ 333 750,00



EFACEC ELECTRIC MOBILITY, SA

 Portugal

Net EU contribution

€ 110 862,50

Address

**RUA ENG. FREDERICO ULRICH, GUARDEIRAS, DISTRICT OP
4470 605 Moreira (Maia)** 

Region

Continente > Norte > Área Metropolitana do Porto

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

€ 158 375,00



Secretaria Regional do Ambiente e Ação Climaticas

 Portugal

Net EU contribution

€ 180 562,50

Address

**Avenida Antero de Quental, 9C, 3º andar
9500-160 Ponta Delgada** 

Region

Região Autónoma dos Açores > Região Autónoma dos Açores > Região Autónoma dos Açores

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 180 562,50



CLEANWATTS DIGITAL SA

 Portugal

Net EU contribution

€ 201 945,63

Address

**LADEIRA DA PAULA 6 MURTEIRA
3040-574 Coimbra** 

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](#) 

Total cost

€ 288 493,75



TERALOOP OY

 Finland

Net EU contribution

€ 143 500,00

Address

VAISALANTIE 2

02130 ESPOO 

SME 

Yes

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

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

€ 205 000,00



SUNAMP LIMITED

 United Kingdom

Net EU contribution

€ 99 946,88

Address

1 SATELLITE PARK

EH33 1RY Macmerry 

SME 

Yes

Region

Scotland > Eastern Scotland > East Lothian and Midlothian

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

€ 142 781,25



BEMICRO LDA

 Portugal

Net EU contribution

€ 165 375,00

Address

RUA DE TIMOR

7400214 Ponte de Sor 

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](#) 

Total cost

€ 236 250,00



GEMEENTE AMELAND

 Netherlands

Net EU contribution

€ 498 080,00

Address

JELMERAWEG 1

9162 AA Ameland 

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 498 080,00



STICHTING NEW ENERGY COALITION

 Netherlands

Net EU contribution

€ 354 500,00

Address

NIJENBORGH 6

9747AG Groningen 

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 354 500,00



NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO

 Netherlands

Net EU contribution

€ 299 732,50

Address

ANNA VAN BUERENPLEIN 1

2595 DA Den Haag 

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 299 732,50



ALLIANDER NV

 Netherlands

Net EU contribution

€ 0,00

Address

UTRECHTSEWEG 68
6812 AH Arnhem 

Region

Oost-Nederland > Gelderland > Arnhem/Nijmegen

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

€ 138 125,00



AMELANDER ENERGIE COOPERATIE UA

 Netherlands

Net EU contribution

€ 108 062,50

Address

STRANDWEG 41
9164 KA Buren 

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 154 375,00



SUWOTEC BV

 Netherlands

Net EU contribution

€ 94 500,00

Address

BOERHAAVESTRAAT 28

9501 HE Stadskanaal 

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

€ 135 000,00



Stichting Hanzehogeschool Groningen

 Netherlands

Net EU contribution

€ 223 312,50

Address

ZERNIKEPLEIN 7

9747 AS Groningen 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 223 312,50



NEROA BV

 Netherlands

Net EU contribution

€ 174 562,50

Address

HETSMASTRAAT 7

9865BL Opende 

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

€ 249 375,00



REPOWERED BV

 Netherlands

Net EU contribution

€ 168 590,63

Address

EMMASINGEL 4

9726 AH Groningen 

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](#) 

Total cost

€ 240 843,75



SEACURRENT HOLDING BV

 Netherlands

Net EU contribution

€ 97 562,50

Address

DE SKEAKELS 13

9001 NM Grou 

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](#) 

Total cost

€ 139 375,00



BAREAU BV

 Netherlands

Net EU contribution

€ 90 234,38

Address

KARTURF 68

8447DR Heerenveen 

SME 

Yes

Region

Noord-Nederland > Friesland (NL) > Zuidoost-Friesland

Activity type

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

Links

[Contact the organisation](#) 

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

Total cost

€ 128 906,25



GASTERRA BV

 Netherlands

Net EU contribution

€ 0,00

Address

STATIONSWEG 1

9726 AC Groningen 

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

€ 60 000,00



COMUNE DI LAMPEDUSA E LINOSA

 Italy

Net EU contribution

€ 87 125,00

Address

VIA VITTORIO EMANUELE 33

92010 Lampedusa 

Region

Isole > Sicilia > Agrigento

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 87 125,00



CONSIGLIO NAZIONALE DELLE RICERCHE

 Italy

Net EU contribution

€ 174 900,00

Address

PIAZZALE ALDO MORO 7

00185 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

€ 174 900,00



COMMUNE DE BORA BORA

 French Polynesia

Net EU contribution

€ 114 900,00

Address

VAITAPE

BORA BORA 

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 114 900,00



AKUO ENERGY SAS

 France

Net EU contribution

€ 184 293,38

Address

**140 AVENUE DES CHAMPS ELYSEES
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](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 263 276,25



DIMOS NISUROU

 Greece

Net EU contribution

€ 95 750,00

Address

**MANDRAKI, 0
853 03 Municipality of Nisyros** 

Region

Νησιά Αιγαίου > Νότιο Αιγαίο > Κάλυμνος

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)

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

[HORIZON collaboration network](#)

Total cost

€ 95 750,00



ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS

Greece

Net EU contribution

€ 755 250,00

Address

CHARILAOU THERMI ROAD 6 KM
57001 Thermi Thessaloniki

Region

Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 755 250,00



ETRA INVESTIGACION Y DESARROLLO SA

Spain

Net EU contribution

€ 251 125,00

Address

CALLE TRES FORQUES 147
46014 Valencia

Region

Este > Comunitat Valenciana > Valencia/València

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

€ 358 750,00



ENGINEERING - INGEGNERIA INFORMATICA SPA

 Italy

Net EU contribution

€ 251 781,25

Address

PIAZZALE DELL'AGRICOLTURA 24

00144 Roma 

Region

Centro (IT) > Lazio > Roma

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

€ 359 687,50



RINA CONSULTING SPA

 Italy

Net EU contribution

€ 276 937,50

Address

VIA CECCHI 6
16129 Genova 

Region

Nord-Ovest > Liguria > Genova

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

€ 395 625,00



EUROPEAN RENEWABLE ENERGIES FEDERATION-FEDERATION EUROPEENNE DES ENERGIES RENOUVELABLES

 Belgium

Net EU contribution

€ 143 750,00

Address

AVENUE MARNIX 28
1000 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](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 143 750,00




ELLINIKI ETAIREIA ENERGEIAKIS OIKONOMIAS

 Greece

Net EU contribution

€ 118 125,00

Address

CHARILAOU TRIKOUPI 31
14562 Kifissia 

Region

Αττική > Αττική > Βόρειος Τομέας Αθηνών

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 118 125,00



UBITECH ENERGY

 Belgium

Net EU contribution

€ 201 250,00

Address

BOULEVARD EDMONDMACHTENS 79/22
1080 Bruxelles / Brussel 

SME 

Yes

Region

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

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
€ 287 500,00

Last update: 2 April 2025

Permalink: <https://cordis.europa.eu/project/id/957810>

European Union, 2025

