

HORIZON
2020

A Collective Awareness Platform for Promoting Dark Skies in Europe

Fact Sheet

Project Information

STARS4ALL

Grant agreement ID: 688135

[Project website](#) 

DOI

[10.3030/688135](https://doi.org/10.3030/688135) 

Project closed

EC signature date

21 October 2015

Start date

1 January 2016

End date

31 December 2018

Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Total cost

€ 1 970 140,00

EU contribution

€ 1 970 140,00

Coordinated by

UNIVERSIDAD POLITECNICA DE MADRID



Spain

Objective

WHY: 2015 has been named by the United Nations as the International Year of Light (light2015.org). Light has had many obvious benefits for human mankind, but it also poses some relevant threats: the everyday-increasing excess of light thrown by humans to the sky seriously threatens to remove forever one of humanity's natural wonders, the view of our universe. More importantly, it has also an adverse impact on our environment and economy (energy wasted to the sky costs 2 billion US\$ per year in the USA and 6,3 billion € per year in Europe) and on the health of hundreds of

species, including pathologies in human beings (e.g. stress, insomnia). Many professional and amateur scientists are already fighting against light pollution. However, it is necessary to increase social awareness about the importance of preserving the darkness of our cities and environment.

WHAT: STARS4ALL will create an Light Pollution Initiative (LPI) incubation platform that will allow generating (and maintaining) customizable on-demand domain-focused LPIs (e.g. a light pollution working group in Brussels). The platform will be self-sustainable: it will integrate a crowdfunding tool to obtain funding for the LPIs; it will consider incentives that motivate citizens to participate in LPIs, as well as policies to handle those incentives; and it will provide innovations in data acquisition from sensors deployed by citizens and in games with a purpose.

HOW: STARS4ALL will initially deploy 10 LPIs, which will be available by the end of the 1st semester of project execution, and will be operating and creating collective awareness during the rest of the project. At that moment we pave the way the creation of other LPIs by citizens, specially in other disciplines such as Energy Saving, Biodiversity, and Human Health, and will organize open competitions among them.

Fields of science (EuroSciVoc)

[medical and health sciences](#) > [clinical medicine](#) > [psychiatry](#) > [sleep disorders](#)

[engineering and technology](#) > [electrical engineering, electronic engineering, information engineering](#) > [electronic engineering](#) > [sensors](#)

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

[medical and health sciences](#) > [basic medicine](#) > [pathology](#)

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



Keywords

[Light pollution](#)

[Astronomy](#)

[Energy](#)

[Climate Change](#)

[Health](#)

[Biodiversity](#)

[Green house gas emission](#)

[efficient lighting](#)

Programme(s)

Topic(s)

[ICT-10-2015 - Collective Awareness Platforms for Sustainability and Social Innovation](#)

Call for proposal

[H2020-ICT-2015](#)

[See other projects for this call](#)

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



UNIVERSIDAD POLITECNICA DE MADRID

Net EU contribution

€ 568 130,00

Total cost

€ 568 130,00

Address

**CALLE RAMIRO DE MAEZTU 7 EDIFICIO RECTORADO
28040 Madrid**

 **Spain** 

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](#) 

Participants (8)



CEFRIEL SOCIETA CONSORTILE A RESPONSABILITA LIMITATA SOCIETA BENEFIT

 Italy

Net EU contribution

€ 236 250,00

Address

VIALE SARCA 226
20126 Milano 

SME 

Yes

Region

Nord-Ovest > Lombardia > Milano

Activity type

Research Organisations

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 236 250,00



UNIVERSITY OF SOUTHAMPTON

 United Kingdom

Net EU contribution

€ 236 250,00

Address

Highfield
SO17 1BJ Southampton 

Region

South East (England) > Hampshire and Isle of Wight > Southampton

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 236 250,00



EUROPEAN CROWDFUNDING NETWORK

 Belgium

Net EU contribution

€ 78 750,00

Address

SQ NORTH, BD ROI ALBERT II 4

1000 BRUXELLES 

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

€ 78 750,00



CHAMBRE DE COMMERCE ET D'INDUSTRIE DE REGION PARIS ILE-DE-FRANCE



 France

Net EU contribution

€ 60 724,50

Address

AVENUE DE FRIEDLAND 27

75382 Paris 

Region

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

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

€ 60 724,50



INSTITUTO DE ASTROFISICA DE CANARIAS

Spain

Net EU contribution

€ 173 260,00

Address

CALLE VIA LACTEA
38205 San Cristobal De La Laguna



Region

Canarias > Canarias > Tenerife

Activity type

Research Organisations

Links

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

Total cost

€ 173 260,00



FORSCHUNGSVERBUND BERLIN EV

Germany

Net EU contribution

€ 240 000,00

Address

RUDOWER CHAUSSEE 17
12489 Berlin 

Region

Berlin > Berlin > Berlin

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

€ 240 000,00



UNIVERSIDAD COMPLUTENSE DE MADRID

 Spain

Net EU contribution

€ 248 750,00

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

€ 248 750,00



ASOCIACION ESCP EUROPE, ESPANA

 Spain

Net EU contribution

€ 128 025,50

Address

CL ARROYOFRESNO 1
28035 Madrid 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Other

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

€ 128 025,50

Last update: 24 June 2024

Permalink: <https://cordis.europa.eu/project/id/688135>

European Union, 2025

