

IRIS

Integrated and Replicable Solutions for Co-Creation in Sustainable Cities

774199

Programme:

H2020 Energy

Topic:

SCC-1-2016-2017

Call for proposals:

H2020-SCC-2017

Duration:

01/10/2017 to 30/09/2022

Funding scheme:

IA

Total cost:

€20,747,860

EU contribution:

€17,996,569

Coordinator:

GEMEENTE UTRECHT

Project website:

<http://irissmartcities.eu/>

Project description on CORDIS:

https://cordis.europa.eu/project/rcn/212411_en.html

The IRIS project supports the so-called lighthouse cities of Utrecht (NL), Göteborg (SE) and Nice Côte d'Azur (FR) and the so-called follower cities Vaasa (FI), Alexandroupolis (GR), Santa Cruz de Tenerife (ES) and Focsani (RO) in delivering cheaper, better accessible and reliable energy and mobility services for a better and more sustainable urban quality of life.

To achieve this, IRIS brings together a variety stakeholders in order to design innovative business models and demonstrate and quantify the value of integrated solutions across the energy, mobility and ICT domains.

The project works along five transition tracks and delivers sixteen integrated solutions that cities can mix and match according to their specific needs. The first three tracks focus on energy efficiency and grid flexibility, including measures such as second life battery, vehicle-to-grid storage, dynamic balance of demand and supply, increase of renewable energy production and roll-out of e-cars and e-buses. The fourth track deals with the common ICT architecture, data sharing, standardisation and governance practices accelerating innovation. Track 5 integrates interdisciplinary citizen engagement and co-creation, connecting the needs of end-users with those of other stakeholders, in further support of innovative business models.

The expected results of IRIS are an open innovation ecosystem motivating citizens to act as prosumers; more effective urban planning and governance of integrated solutions; exploitation of validated innovative business models based on multi-stakeholder collaboration; more stable, secure and affordable energy and mobility services for citizens, with improved air quality.

Participants:	Country:	EU contribution (in €):
UTR	NL	€1,611,006.25
BOEX	NL	€1,178,250.00
KPN	NL	€39,681.25
STED	NL	€253,183.00
LOM	NL	€517,825.00
ENEC	NL	€361,025.00
QBUzz	NL	€121,275.00
UU	NL	€896,250.00
HKU	NL	€340,625.00
NCA	FR	€1,471,250.00
UNS	FR	€772,262.50
EDF	FR	€654,237.50
ENEDIS	FR	-
CSTB	FR	€296,625.00
VEOLIA	FR	€554,002.05
CAH	FR	€125,000.00
NEXITY	FR	€256,625.25
VULOG	FR	€216,562.50
GOT	SE	€767,687.50
JSP	SE	€462,500.00
CHALMERS	SE	€272,500.00
METRY	SE	€196,437.50
HSB	SE	€175,437.50
RB	SE	€487,243.75
AH	SE	€367,062.50
TRIV	SE	€502,250.00
TYRENS	SE	€253,750.00
VAASA	FI	€400,000.00
MERI	FI	€140,000.00
UVA	FI	€121,875.00
ALEX	EL	€99,375.00
E-HIVE	EL	€98,125.00
SCT	ES	€273,500.00
CCS	ES	€115,000.00
FOCS	RO	€96,050.00
UPB	RO	€115,112.50
ICEM	RO	€164,437.50
CERTH	EL	€1,300,000.00
IMCG	SE	€524,125.00
SP	SE	€574,790.00
ESCI	DE	€377,250.00
VUB	BE	€169,875.00
CIV	NL	€276,500.00