

Triangulum

Triangulum: The Three Point Project / Demonstrate. Disseminate. Replicate.
646578



Programme:
H2020 Energy

Topic:
SCC-01-2014

Call for proposals:
H2020-SCC-2014

Duration:
01/02/2015 to 31/01/2020

Funding scheme:
IA

Total cost:
€29,463,931

EU contribution:
€25,420,602

Coordinator:
FRAUNHOFER GESELLSCHAFT ZUR
FOERDERUNG DER ANGEWANDTEN
FORSCHUNG E.V.

Project website:
<http://www.triangulum-project.eu>

Project description on CORDIS:
http://cordis.europa.eu/project/rcn/194459_en.html

The cities of Manchester, Stavanger and Eindhoven are deploying smart city solutions which integrate energy, mobility and information & communication technologies (ICT) in city districts. The goal is to reduce energy use and carbon emissions, enhance quality of life and stimulate economic development.

The project will demonstrate that this model, integrating existing technologies in the field of energy, transport and ICT, can be replicated throughout Europe.

Within the framework of the project, a district in each city has been selected. Each district will apply different technological solutions that will decrease the use of energy, reduce carbon emissions, and improve air quality in cities.

The technologies used vary from local renewable power generation and energy storage, geothermal pumps or storage batteries integrated in the electricity grid, to use of electric mobility (e-cars and e-bikes) as well as refurbishment over 100,000 m² of housing.

Participants:

FhG
SEZ
UniS
MCC
MMU
UNIMAN
SIEMENS
CL
EIN
WB
TU/e
VW
KPN
SK
GS
Rogfk
UiS
LYSE
IPR
AJSAB
Lpz
TVD

Country:

DE
DE
DE
UK
UK
UK
UK
UK
NL
NL
NL
NL
NL
NO
NO
NO
NO
NO
CZ
ES
DE
DE

EU contribution (in €):

€1,170,607.19
€639,875.00
€579,325.00
€970,245.50
€291,471.88
€965,951.56
€4,189,725.40
€399,551.25
€1,704,114.43
€1,764,600.00
€577,756.25
€2,541,561.05
€525,770.00
€3,343,702.50
€300,129.38
€1,312,037.50
€1,475,006.25
€1,313,010.51
€359,268.75
€396,664.76
€489,737.50
€110,490.63