



triangulum

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D7.18 – Dissemination material

Including give aways (1)

WP 7, Task 7.8

July, 2015 (M06)

H2020-SCC-2014-2015/H2020-SCC-2014: “Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects”

Collaborative Project – GRANT AGREEMENT No. 646578

Project Acronym	TRIANGULUM		
Project Title	Triangulum: The Three Point Project / Demonstrate. Disseminate. Replicate		
Project Coordinator	Damian Wagner (Damian.Wagner@iao.fraunhofer.de) Fraunhofer IAO		
Project Duration	1 st February 2015 – 31 st January 2020 (60 Months)		
Deliverable No.	D7.18 <i>Dissemination material incl. give aways (1)</i>		
Diss. Level	PU		
Status		Working	
		Verified by other WPs	
	x	Final version	
Due date	31.07.2015		
Work Package	WP 7 - Dissemination and Communication		
Lead beneficiary	2 (SEZ)		
Contributing beneficiary(ies)	All		
DoA	<p>A project leaflet will be produced which will be the project's business card towards the outside world, presenting the project's objectives, partnership and expected results at a glance. It will be in English and will have a print run of approx. 10,000 copies and will be available for all partners. It will also be available in PDF-format downloadable on the project's website. Roll-ups will be developed for each Lighthouse City local languages promoting the local approaches. One overall roll-up will be in English and will be used to promote the overall project's objectives.</p> <p>Size: min. 85 x 200 cm.</p> <p>Further useful giveaways that will keep the project in mind of the public will be produced, e.g. a tag (sticker) with the project logo and website address to be stick on the partners' business cards; could be a pencil with the website address and logo on it; something city related. Consortium will decide upon during the project start.</p>		
Date	Version	Author	Comment
29/07/2015	1	Saskia Heyde	



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1. Deliverable description

Deliverable 7.18 Dissemination material incl. give aways (1)

Task 7.8: Dissemination material in English language, incl. give aways (Lead: SEZ, Partner: All)

“A project leaflet will be produced which will be the project’s business card towards the outside world, presenting the project’s objectives, partnership and expected results at a glance. It will be in English and will have a print run of approx. 10,000 copies and will be available for all partners. It will also be available in PDF-format downloadable on the project’s website. Roll-ups will be developed for each Lighthouse City local languages promoting the local approaches. One overall roll-up will be in English and will be used to promote the overall project’s objectives.

Size: min. 85 x 200 cm.

Further useful giveaways that will keep the project in mind of the public will be produced, e.g. a tag (sticker) with the project logo and website address to be stick on the partners’ business cards; could be a pencil with the website address and logo on it; something city related. Consortium will decide upon during the project start.”

The task cited above is divided into two parts:

- Deliverable 7.18 “Dissemination material incl. giveaways (1)” will be due in month 6
- Deliverable 7.19 “Dissemination material incl. giveaways (2)” will be due in month 12

Therefore, this reporting is about Deliverable 7.18.



2. Realization

Deliverable 7.18 contains:

- A project leaflet that will be produced and will be the project's business card towards the outside world, presenting the project's objectives, partnership and expected results at a glance. It is in English and will have a print run of approx. 10,000 copies and is available for all partners. It is also available in PDF-format downloadable on the project's website.
- One overall roll-up in English language that will be used to promote the overall project's objectives. Size_min. 85 x 200 cm.

2.1. Flyer

A six-sided flyer has been designed that contains the following pages:

- Front page
- Facts
- Partners
- Project focus of Lighthouse Cities
- Cities (info graph)
- Contacts

The outside of the flyer contains:

1. The front page with the key visual, the logo of TRIANGULUM and the EU emblem with the text: "This project has received funding from the European Union's Horizon 2020 Research and Innovation Program under Grant Agreement No 646578"
2. The back page contains the info graph of the project. The connection between the three lighthouse cities and the three follower cities is made clear.
3. The middle page contains the main contacts of the project: „Project Coordinator“ and „Communication and Dissemination Secretariat“, as well as the website and a QR-code that is linked with the project's website. Below all 22 partner logos can be seen

The inside of the flyer contains:

1. The left page about the facts of the project includes the following:
 - Budget
 - Project Management
 - Duration
 - Participating countries
 - Project description
 - Project framework
2. The middle page contains information about the partners and the consortium as a whole
3. The right page contains the project focus of the three lighthouse cities Eindhoven, Stavanger and Manchester.



triangulum Cities

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triangulum Contacts

Project Coordinator
Damian Wagner, Fraunhofer IAO
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Communication and Dissemination Secretariat
Saskia Heyde, Steinbeis-Europa-Zentrum
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Website
www.triangulum-project.eu

Partners: Fraunhofer, STEINBEIS-EUROPA-ZENTRUM, Universität Stuttgart, MANCHESTER CITY COUNCIL, SIEMENS, EINDHOVEN, kpn, Nederlandse Metropolitan Universiteit, Stadt Leipzig, BONGELAND FYLKESKOMMUNE, TU/e Technische Universiteit Eindhoven, CITY OF STAVANGER, Lyse, TUV SUD, University of Stavanger, GREATER STAVANGER, VolkerWessels, Ajuntament de Sabadell, IPR PRAHA

Stavanger

Manchester

Eindhoven

INTEGRATED DISTRICT SOLUTIONS FOR SMART CITIES

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This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 646578

TRIANGULUM Flyer 1

triangulum Facts

Budget
30 million Euro overall budget
25 million Euro funding from the European Union (Horizon 2020)

Project management
Fraunhofer Institute for Industrial Engineering (IAO)
Steinbeis-Europa-Zentrum

Duration
02/2015 – 01/2020

Participating countries
Germany, United Kingdom, the Netherlands, Norway, Spain, Czech Republic

Project description
With the support of the European Union, TRIANGULUM will initially implement pioneering concepts in the three cities of **Manchester** (UK), **Eindhoven** (Netherlands), and **Stavanger** (Norway). Subsequently, the concepts for sustainable energy supply, mobility, and information technology will be transferred to the three **Follow-up Cities Leipzig** (Germany), **Prague** (Czech Republic), and **Sabadell** (Spain).
The TRIANGULUM Observer City is Tianjin in China. At the heart of this project lies an ICT architecture that enables the individual technologies used in the projects to be connected and coordinated amongst the three Lighthouse Cities.

Project framework
The TRIANGULUM project was one of three projects chosen from 19 submissions in 2014 to receive support from the European Commission's 'Smart cities and communities' Horizon 2020 funding call.

triangulum Partners

Project consortium
The project consortium combines interdisciplinary experience and expertise of 22 partners.

Project coordinator
Fraunhofer Institute for Industrial Engineering (IAO) | Steinbeis-Europa-Zentrum

Participating partners in Manchester (UK)
Manchester City Council | University of Manchester | Manchester Metropolitan University | Siemens plc | Clicks and Links Ltd.

Participating partners in Eindhoven (NL)
Municipality of Eindhoven | Stichting Woonbedrijf | Technical University of Eindhoven | VolkerWessels | Koninklijke KPN NV

Participating partners in Stavanger (NO)
Stavanger Kommune | Greater Stavanger Economic Development AS | Rogaland Fylkeskommune | The University of Stavanger | Lyse Energi AS

Participating partners in Follow-up Cities
Prague Institute of Planning and Development (Czech Republic) | Ajuntament de Sabadell (Spain) | City of Leipzig (Germany) | TUV SUD (Germany)

Further partners
Institute for Human Factors and Technology Management (IAT) of the University of Stuttgart

triangulum Project focus of Lighthouse Cities

In Eindhoven, residents are able to access different kinds of infrastructure via an ICT solution, such as booking electric vehicles from a district car sharing scheme or using smart parking concepts. Sensors that will be installed in traffic lights will act as motion sensors to control city lights, public transportation or car sharing offers according to need. In addition, electric buses will make city traffic more eco-friendly.

Stavanger is the city with the highest density of electric vehicles in Europe. Together with a high-performance fiber optic network this forms the basis to better network energy and mobility solutions. Citizens, enterprises, research institutions and the health sector will be linked via IT networks to improve planning, use energy more efficiently and enable telediagnosis.

In Manchester Triangulum will transform the student quarter 'Manchester Corridor', where around 72,000 students are currently living, into a smart city district. This will entail renovating historical buildings and building up an autonomous energy grid to supply the entire district with heat and electricity. The grid will combine geothermal and district heating with two independently operating electricity grids and a fuel cell that can store excess energy.

TRIANGULUM Flyer 2



TRIANGULUM - GA No. 646578

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2.2. Roll-up

A roll-up in the size 85 x 200 cm has been designed in English language to promote the overall project's objectives.

It contains the key facts:

- Budget
- Project Management
- Duration
- Participating countries
- Project Coordinator
- Communication and Dissemination Secretariat
- Website
- QR-Code to the project's website

Furthermore, the info graph describes the connection between the lighthouse cities, follower cities and the observer city.



Stavanger

Manchester

Eindhoven

Tarifa/CDMA

Stavanger

Manchester

Eindhoven

Leipzig

Prague

Sabadell

Budget
50 million Euro overall budget, 25 million Euro funding from the European Union (Horizon 2020)

Project Management
Fraunhofer Institute for Industrial Engineering (IAO), Steinbeis-Europa-Zentrum

Duration
02/2015 - 04/2020

Participating countries
Germany, United Kingdom, the Netherlands, Norway, Spain, Czech Republic

Project Coordinator
Dennis Wagner, Fraunhofer IAO
dennis.wagner@ias.fraunhofer.de

Communication and Dissemination Secretariat
Suske Heyde, Steinbeis-Europa-Zentrum
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Website
www.triangulum-project.eu

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TRIANGULUM Roll-up 1



TRIANGULUM - GA No.
646578

