



**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**

## ***D7.5 – Event participation (4)***

***WP 7, Task 7.5***

***January, 2019 (M48)***



***TRIANGULUM - GA No.  
646578***

 **triangulum**  
DEMONSTRATE · DISSEMINATE · REPLICATE

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 <sup>st</sup> February 2015 – 31 <sup>st</sup> January 2020 (60 Months)		
Deliverable No.	D7.5 Event participation (4)		
Diss. Level	PU		
Status		Working	
		Verified by other WPs	
	x	Final version	
Due date	31.01.2019		
Work Package	WP 7 – Dissemination and Communication		
Lead beneficiary	2 (SEZ)		
Contributing beneficiary(ies)	All		
DoA	Task 7.5 “Event participation (for networking, presentation, stand; including presentations)” (Lead: SEZ, Partner: All)  Active participation at national and international events is foreseen, to engage with various stakeholders. Both, project presentations as well as stands and active participation are envisaged.		
Date	Version	Author	Comment
18.12.2017	1	Bettina Remmele / Heike Iffland (SEZ)	Writing and preparation of deliverable
31.12.2018	2	Trinidad Fernandez	Cross-check coordination



		(Fraunhofer IAO)	
18.01.2018	3	Bettina Remmele, Heike Iffland (SEZ)	Revision and further information



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## List of Partners

Title	Abbreviation
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V	FhG
STEINBEIS INNOVATION GGMBH	SEZ
UNIVERSITAET STUTTGART	UniS



MANCHESTER CITY COUNCIL	MCC
THE MANCHESTER METROPOLITAN UNIVERSITY	MMU
THE UNIVERSITY OF MANCHESTER	UNIMAN
SIEMENS PUBLIC LIMITED COMPANY	SIEMENS
CLICKS AND LINKS LTD	CL
GEMEENTE EINDHOVEN	EIN
STICHTING WOONBEDRIJF SWS HHVL	WB
TECHNISCHE UNIVERSITEIT EINDHOVEN	TU/e
STRIJPS ONTWIKKELING BV	VW
Koninklijke KPN NV	KPN
STAVANGER KOMMUNE	SK
GREATER STAVANGER ECONOMIC DEVELOPMENT AS	GS
ROGALAND FYLKESKOMMUNE	Rogfk
UNIVERSITETET I STAVANGER	UiS
LYSE ENERGI AS	LYSE
INSTITUT PLANOVANI A ROZVOJE HLAVNIHO MESTA PRAHY	IPR
AJUNTAMENT DE SABADELL	AJSAB
STADT LEIPZIG	Lpz
TÜV SÜD ImmoWert GmbH	TÜV SÜD

## List of Abbreviations

Office for Urban Renewal and Housing Construction	ASW
Business to business	B2B
Building Energy Management Solutions	BEMS
European portal for energy efficiency in buildings (European Commission)	BUILD-UP
Christian Democratic Union (german political party)	CDU
CIVITAS – H2020 EC project	CIVITAS
Community Research and Development Information Service	CORDIS
Dissemination & Communication	D&C
Deliverable	Del
Description of Action	DoA
European Commission	EC
Ecobuild conference for construction, design and energy	ECOBUILD
European Regions Research & Innovation Network	EERIN
European Free Trade Association	EFTA



European Innovation Partnership	EIP
Partner and Project Management Tool	EMdesk
EMEA users OSIssoft	EMEA OSIssoft
Energy performance certificate	EPC
European Union	EU
Electric Vehicle	EV
Experimental Housing and Urban Development, Federal Institute for Building, Urban Affairs and Spatial Research (Germany)	ExWoSt
Follower Cities	FC
Fraunhofer IAO	FhG IAO
Grant Agreement	GA
General Assembly	GenA
German Corporation for International Cooperation GmbH	GIZ
Horizon 2020 funding programme from the European Commission	H2020
International Council for Local Environmental Initiatives	ICLEI
Information and communication technology	ICT
IDW (Idea and Design Works) Publishing	IDW
The Institute of Electrical and Electronic Engineers	IEEE
Innovation & Networks Executive Agency - European Commission	INEA
Internet of Things	IoT
Low Carbon Networks & Innovation	LCNI
Lighthouse Cities	LHC
Convention of regional representatives (Germany)	LVV
Morgenstadt: City Insights	m:ci
Norwegian University of Science and Technology	NTNU
Norwegian Academy of Technological Sciences	NTVA
European Cities and Regions Networking for Innovative Transport Solutions	POLIS
Steering Committee	SC
Smart Cities and Communities	SCC1
Smart City Expo World Congress	SCEWC
Stavanger Region European Office	SrE
United Kingdom	UK
EAI (European Alliance for Innovation) International Conference on Wireless and Satellite Systems (formerly PSATS)	WiSATS
Work Package	WP



# 1 Deliverable description

This document delivers an overview of the events organised or participated in within M37-48 of the Triangulum project by the entire consortium. It is related to Task 7.5 “Event participation (for networking, presentation, stand; including presentations)” of work package 7 “Dissemination and Communication” and constitutes Deliverable 7.5 “Event participation (4)”. Please see page 2, section “DoA” for a description of the task.

This is the fourth version of the deliverable “Event Participation”. It is updated every year (M12, 24, 36, 48, 60).





## 2 Realisation of the Deliverable

Deliverable 7.5 provides an overview of the events organised or participated in within M37-48 of the Triangulum project by the entire consortium. It contains an overview of:

- Conferences organised
- Workshops organised
- Other events organised
- Participation in activities organised jointly with other H2020 project(s)
- Participation to conferences
- Participation to workshops
- Presentations
- Exhibitions
- Participation to events other than a conference or workshop

### Reporting tool:

The project partners use the tool EMDESK to report their event related dissemination activities. This allows the work package leader SEZ to get a good overview of the event activities of the partners and especially on their role in the events. Additionally, monthly telephone conferences of the D&C Secretariat help to complement missing information and to clarify details.

Figure 1: Screenshot of reporting tool EMDESK



### 3 Overview of Events

From M37 to M48 of the project, the Triangulum project partners have organised and participated in multiple events. In total, 97 events and meetings have been reported for the fourth project year, comprising:

- 4 Organisations of a Conferences
- 12 Organisations of Workshops
- 17 Other events organised
- 8 Participations in activities organised jointly with other H2020 project(s)
- 17 Participations to conferences
- 9 Participations to workshops
- 8 Participations to an event other than a conference or workshop
- 22 Presentations

Overall, an estimated audience of approximately 195,000 persons was reached by all event related dissemination activities.

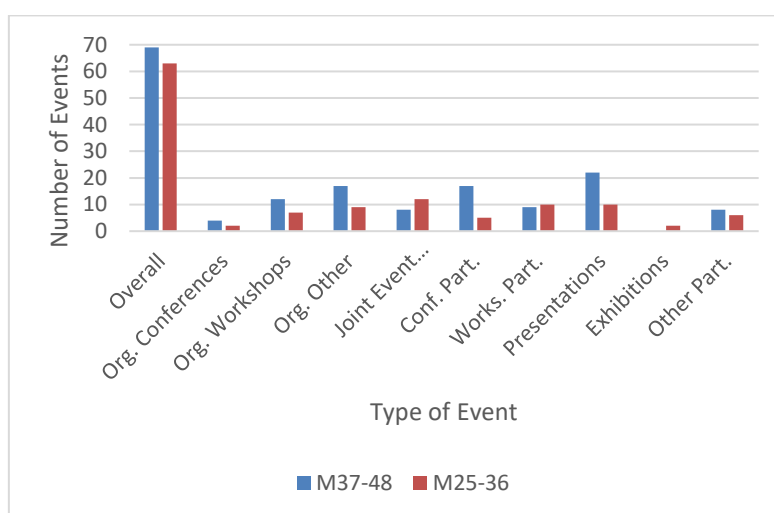


Figure 2: Comparison of events between reporting period M37-48 vs. M25-36

→ Please find the full list of events in the period from 01.02.2018-31.01.2019 in the Annex.



### 3.1 Event Highlights

In the following section, several event highlights of the past year with an active involvement of Triangulum partners are presented which were very well received by the participants (see Annex).

- **Winner Announcement of iCity Tender in Eindhoven, the Netherlands, 10 April 2018**

On Tuesday, 10 April 2018, the announcement of the iCity tender winners took place at Strijp-S in Eindhoven, Netherlands, where the winning projects presented their innovative ideas. Together with the municipality of Eindhoven, TU/e and VolkerWessels were looking for the best ideas to stimulate the smart city ecosystem and to thus create new smart city services and products. Out of 63 applications, eight projects stood out, receiving financial support of overall 280k. The evening was an event full of smart people, innovative solutions and future-oriented ideas. It gave us an insight into what is possible and how life in cities can be improved in the future.

Further information: <https://www.triangulum-project.eu/?p=2973>

Role of Triangulum: The event took place in Eindhoven and was moderated by Hans van Amelsvoort, part of the local Eindhoven consortium of Triangulum. The event was organised by VolkerWessels (iCity) together with the municipality of Eindhoven and TU/e. The entire Triangulum consortium took part in this event because a Review Meeting was taking place in Eindhoven at the same time. INEA representatives therefore participated as well.



Figure 3: Hans van Amelsvoort moderating the event





Figure 4: One of the winners, BITSSENSOR.

- **Exchange of German and Austrian cities during 68. URBAN-Netzwerktagung in Leipzig, Germany, 24-25 May 2018**

On 24 and 25 May 2018, the 68. URBAN-Netzwerktagung, an exchange platform for German and Austrian cities, took place in Leipzig, Germany. Stakeholders from different cities presented their individual approaches for a city between technological progress and social cohesion. The focus was on the question of how technological progress in the growing city and social issues can be combined. Around 40 participants were involved in the discussion, also addressing further questions about different projects and strategies like housing, energy and funding opportunities. The conference ended with a visit to the thermal storage system of the Stadtwerke Leipzig and the mobility stations of the Leipziger Verkehrsbetriebe (traffic enterprise) as crucial and functioning examples for smart infrastructures in the growing city.

Further information: <http://www.deutscher-verband.org/aktivitaeten/netzwerke/urban-netzwerk/netzwerktagungen/netzwerktagungen/68-unt-leipzig.html>

Role of Triangulum: The event took place in Leipzig and was co-organised by the City of Leipzig. The Triangulum team of Leipzig gave several inputs concerning the stakeholder involvement within Triangulum and the presentation of Smart City projects.





Figure 5: 68. URBAN-Netzwerktagung (Copyright: Jonas Scholze, DV)

- **Conference of Major Cities of Europe in Leipzig, Germany, 28-30 May 2018**

The annual conference of Major Cities of Europe (MCE) took place in Leipzig, Germany from 28 – 30 May. It has been organized and hosted by the MCE organization in close cooperation with the City of Leipzig and the municipal IT supplier LECOS GmbH. Under the headline “Are we ready? Taking the digital city to the next level”, multiple leaders, stakeholders and experts from across Europe came together for exchange. Different sessions with a variety of formats took place with topics ranging from open and big data to digital government in practice and required skills for digitization in governmental structures. The Major Cities of Europe conference has been a great success for the organization and for Leipzig, with close to 200 delegates from 18 countries who unanimously gave a very positive feedback.

Further information: <https://www.majorcities.eu/conferences/2018-leipzig/>

Role of Triangulum: The Triangulum Leipzig team gave input during the conference about the Triangulum projects.

- **Euro-China Green & Smart City Awards in Ningbo, China, 07 September 2018**

At the beginning of September, Stavanger received an award as “Future City” in Ningbo, China. The prize is being awarded to cities that have shown that they dare to be leaders in testing new, sustainable solutions. The prize has been awarded for the third time by The Foundation Prospective and Innovation, headed by former French Prime Minister Jean-Pierre Raffarin. The prize, the Euro-China Green and Smart Awards, is awarded in cooperation with the European Commission and the China Centre for Urban Development Prize. In the explanatory memorandum, it is stated that Stavanger has especially excelled within energy efficiency and mobility in Europe. The nomination committee also writes that the city’s ambitious goals for sustainability in the local community stand out.

Further information: <https://www.triangulum-project.eu/?p=3589>



Role of Triangulum: Gerd Seehuus, Local Coordinator of Triangulum Stavanger, Project Manager Per E. Fjeld from Lyse AS and Professor Chunming Rong from University of Stavanger travelled to the Chinese friendship city Ningbo to receive the prize. The entire trip has been financed by the hosts.

- **Nordic Edge Expo and Conference 2018, Stavanger, Norway, 25 - 27 September 2018**

From 25-27 September 2018, the fourth Nordic Edge Expo & Conference took place in Triangulum's Lighthouse City Stavanger, Norway. The Nordic Edge Expo with 2500 m<sup>2</sup> of exhibition space and 200 exhibitors from more than 47 countries is the place in the Nordics for the Smart City community to exchange knowledge, network and create new business opportunities. The Nordic Edge is an annual event showcasing the latest innovative solutions from the Smart City community and thus the ideal meeting place for the project partners of the Horizon 2020 Smart Cities and Communities programme. 4500 visitors from all across Europe and even beyond attended this three-day event to present outcomes, exchange knowledge and meet with project partners. Apart from the official event, several side-events were organised around this largest Smart City event in the Nordics.

Further information: <http://www.nordicedge.org>

Role of Triangulum: During the second semester of 2018, Triangulum assumed the chairmanship of the BoC and the D&C Task Force. To complement this role, the project gathered the joint SCC1 community at this event organized in the Lighthouse City of Stavanger. There was a joint stand during all three days of the exhibition that featured all 12 Lighthouse projects as well as the two tenders Smart City Information System (SCIS) and the European Innovation Partnership on Smart Cities and Communities (EIP-SCC). There, project, tender, city and technical representatives had the chance to meet each other, to talk to and inform visitors about the overall SCC1 community, the individual projects and the solutions developed therein and to illustrate the progress that we have made via the joint SCC1 Multitouch Tool that hosts information about all SCC1 projects. The main SCC1 contribution to the conference took place on Thursday, 27 September: the "Lighthouse Cities Programme", an entire day of six public and five internal parallel sessions focusing on the challenges and outcomes of the SCC1 projects.

**Several of the Triangulum partners were actively involved in the Nordic Edge 2018 with presentations, workshops and participation to internal meetings:**

- Plenary Session:
  - Damian Wagner (Fraunhofer IAO) talked about the progress of the first three SCC1 projects (Remourban, GrowSmarter and Triangulum) and how cities are paving the way towards a European Smart City market place in the plenary session "Trial. Innovate. Scaling Up!".
- Public Sessions (as part of Lighthouse Cities Programme):
  - Damian Wagner (Fraunhofer IAO) participated in the public session "Trial, Innovate, Scaling Up. Lessons learned from Europe 's Smart City Lighthouse Projects in a European Context", moderated by the European Commission's DG Energy Policy Officer Jens Bartholmes.





- Gerd Seehuus (Stavanger Kommune) participated in the public session focusing on hands-on stories from the City Coordinators, including Vienna, Milano, Nottingham, Cologne, Stavanger and Tartu.
- Dr. Kelly Watson (University of Manchester) and Wouter Beelen (VolkerWessels Eindhoven) talked about first outcomes and success factors of the first three SCC1 projects in the session “First Outcomes and Success Factors of Triangulum, GrowSmarter and Remourban”
- Dagfinn Wage (Lyse) was invited to talk about “packaging” and financing solutions for European Smart Cities during the public session on “Business Models and Finance”.
- Dr. Kelly Watson (University of Manchester) furthermore talked about how citizens are involved in the development of urban data platforms during the “Big Data” public session.
- Workshops:
  - Svanhild Sondresen (Greater Stavanger) and Inger Hanne Vikshåland (City of Stavanger) organized the internal workshop “Communication – How to make «invisible» projects visible” where communication representatives of various SCC1 projects, Lighthouse- and Follower Cities worked on best practices and their individual “communication stories”, which were then graphically illustrated by Kristof Braekeleire.
  - The outcomes of this internal communications workshop were then then pitched to the public by the individual project or city representatives in the afternoon, moderated by facilitator Josh Stinton ([Outspire](#)).
- Other Nordic Edge Sessions:
  - The Mayors of Stavanger and Eindhoven discussed (amongst other politicians) with Anna Lisa Boni, the Secretary General of EUROCITIES, how to connect with our citizens’ dreams when building smarter cities during the session “Mayors’ Debate: How do we Connect with our Citizens’ Dreams when Building Smarter Cities?”
  - The yearly session “Meet the New Lighthouse Cities“, was this time co-organised by Greater Stavanger, Stavanger Region European Office and EUROCITIES and introduced the latest SCC1 projects IRIS, MATCHUP and STARDUST.
- Task Force Meetings:
  - Damian Wagner (Fraunhofer IAO), as this semester’s chair of the H2020 SCC1 Lighthouse Projects Group, organized and chaired the internal Board of Coordinators meeting.
  - Bettina Remmele (Steinbeis-Europa-Zentrum) organized and chaired the Communications Task Force meeting which was combined with the Replication Task Force meeting, organized and chaired by Lisa Enarsson (GrowSmarter).
- Other Activities:
  - During the “Stavanger Safari”, a demo site visit organised by Stavanger Kommune, an electrical battery bus took the SCC1 community to the LYSE headquarters in Stavanger. During the ride, a representative of Rogaland Fylkeskommune talked about the implementation process of these busses that worked closely together with the citizens of Stavanger. At LYSE, the group learned about smart lampposts, fast



chargers, PV cells and the sewage tunnel of Stavanger's Central Energy Plant. The Safari ended with a visit to University of Stavanger, where the group was introduced to their Big Data Hub and listened to a presentation of their dashboard solution.

- On Wednesday evening, Stavanger Kommune organised an Informal Get Together for all attending Horizon 2020 Lighthouse project members.

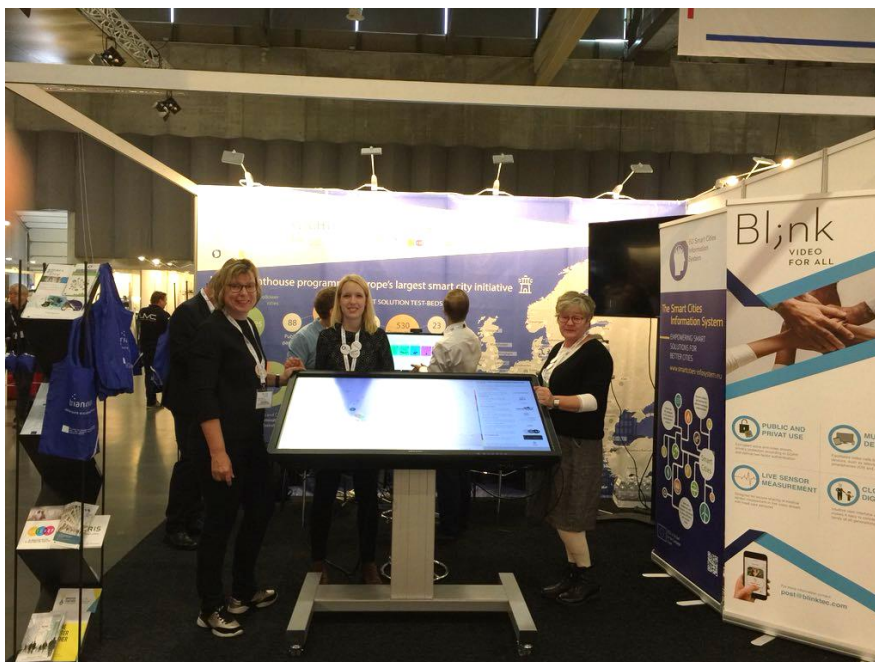


Figure 6: Bettina Remmele and Heike Iffland from Steinbeis-Europa-Zentrum (WP7) at the joint stand at the Nordic Edge Expo



Figure 7: Damian Wagner from Fraunhofer IAO at his plenary session







Figure 8: Internal communications workshop organized by Stavanger Triangulum partners

- **CROSS-SCC Replication Workshop in Stavanger, Norway, 28 September 2018**

Right after the Nordic Edge, the “CROSS-SCC Replication Workshop” took place in Stavanger, Norway, a session for fostering replication and upscaling of Smart City solutions amongst the SCC1 Community. Over 70 participants discussed topics such as low energy districts, integrated infrastructure, urban mobility and urban governance. During two rounds of round table sessions, participants for example discussed the urban mobility topics “E-Buses & EV Charging Infrastructure”, “Bike Sharing Systems” and “Last Mile Delivery”. The outcomes of all round tables were presented during a short summary at the end. The workshop was organised by the SCC1 Replication Task Group in collaboration with INEA, the European Commission and SCIS and supported by Morgenstadt and the Nordic Edge. The workshop was opened by the current Project Officer Francesco Liberati from INEA.

Further information: [https://www.triangulum-project.eu/wp-content/uploads/2018/05/Cross\\_SCC\\_Replication\\_Workshop.pdf](https://www.triangulum-project.eu/wp-content/uploads/2018/05/Cross_SCC_Replication_Workshop.pdf)

Role of Triangulum: As part of the Replication Task Group, the workshop was organised by Nikita Shetty from the University of Stuttgart, who is also part of WP6 in Triangulum. Moreover, the workshop was supported by the Fraunhofer IAO initiative “Morgenstadt”.



- **Smart City Expo World Congress, Barcelona, Spain, 15.-17. November 2018**

The Smart City Expo World Congress in Barcelona (SCEWC) is one of the largest Smart City events in the world. SCEWC provides a unique meeting point for the Smart City sector and an innovative platform for urban action worldwide. The event for cities organized by Fira de Barcelona, took place from 13-15 November at the Gran Via venue. In its eighth edition, it gathered representatives of more than 700 cities and 146 countries, featuring major capitals such as Athens, Atlanta, Berlin, Brussels, London, New York, Rome, Stockholm or Yokohama. Over 100 mayors and representatives from five continents were present, analysing how to undertake initiatives that seek to transform cities into places where the lives of their citizens improves. The event featured 21,331 visitors, 844 exhibitors and more than 400 speakers.

Further information: <http://www.smartcityexpo.com>

Role of Triangulum: Triangulum, together with its eleven sister projects from the European Lighthouse Projects family, covers almost 80 cities across Europe. This year in Barcelona, the entire community, including the two EU initiatives SCIS and EIP-SCC, came together at a joint stand with various workshops and three larger Agora sessions to demonstrate how EU funded smart cities are leading the way in driving sustainable and smart innovation. Triangulum was represented Tuesday through Thursday with various partners from the Lighthouse- and Follower Cities as well as from the other work packages. Triangulum used this opportunity to inform interested stakeholders as well as the broad public about the project and the progress in its six cities Stavanger, Manchester, Eindhoven, Sabadell, Leipzig and Prague. As one of the oldest and most experienced projects, being in the middle of the monitoring phase, Triangulum had a lot to tell, from pains and gains to best practices and lessons learned. A special highlight was when the mayor of Bordeaux and former French prime minister Alain Juppé visited Triangulum and the other projects at the stand to discuss the upscaling of smart cities towards a city-needs led European smart city market.

**The following Triangulum partners were actively involved:**

- Damian Wagner (Fraunhofer IAO), project coordinator of Triangulum, talked about the biggest challenges that Triangulum has encountered in the last few years at the Agora session “Trial. Innovate. Replicate. Smart Cities and Communities.” which has been moderated by Jens Bartholmes, Policy Officer from the European Commission, DG ENERGY.
- Oriol Llevot (City of Sabadell) chaired the workshop “Challenges and opportunities for replication of SC projects from the Lighthouse to Follower Cities and beyond”, taking place right at the joint stand.
- Alexander Schmidt (Fraunhofer IAO, former lead of Triangulum’s work package 6 on replication) also took part in this discussion round chaired by Oriol Llevot.
- Oriol Llevot and Rosa Torra (both City of Sabadell) as well as Svanhild Sondresen (Greater Stavanger) and Inger Hanne Vikshåland (City of Stavanger) participated at the workshop “Communicating the Smart City” where various Smart City communication representatives were invited, both from Lighthouse- and Follower Cities but also projects in general, to talk about their best practices but also things that did not go as expected.
- Gerd Seehuus (Stavanger Kommune) was actively involved in the Nordic Pavilion.



- Per Fjeld (Lyse) participated in the Nordic Pavilion by presenting the Triangulum replication case Blink, an innovative video solution being tailored for care purposes in follower cities and beyond. Also, Fjeld took part in the Nordic Roundtable sessions with Tampere (Business models based on public and private data) and Trondheim (Open data and business development) and at the GrowSmarter workshop, particularly on the Cologne topic of car sharing.
- Adam Pajgr (IPR Prague) attended various talks and workshops focused on the Governance & Finance and Inclusive & Sharing Cities topics. They have also had joint talks with Fraunhofer IAO and the Prague Smart City Agency that had a stand representing Prague at the expo.

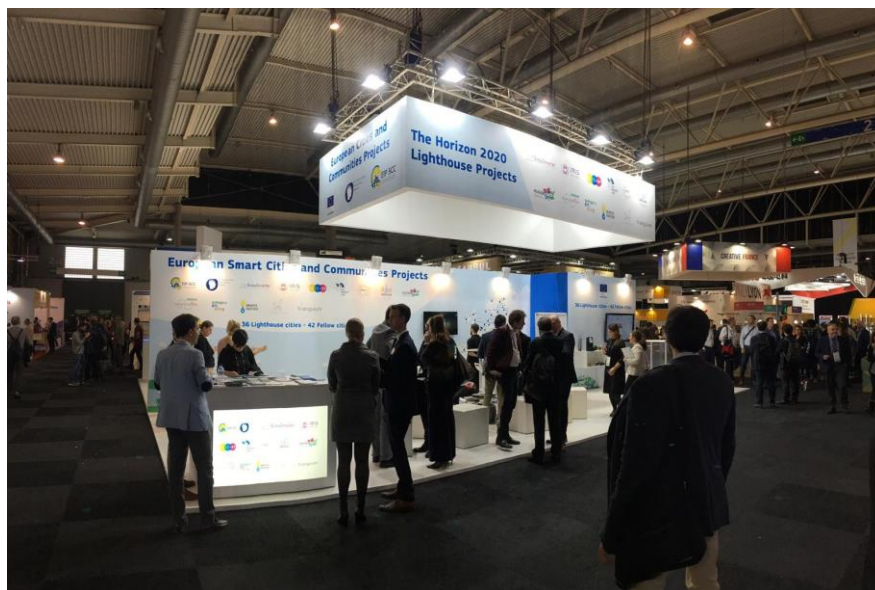


Figure 9: Joint stand in Barcelona





Figure 10: Agora session “Trial. Innovate. Replicate. Smart Cities and Communities.”



Figure 61: Communications workshop at the joint stand





## 3.2 Next steps

In order to have a good overview of the upcoming events and to be aware of the participation of the Triangulum partners at events, the partners are requested to fill in their planned events and event participation as well as the role of Triangulum in EMDESK.

Upcoming event highlights within the next year that are already planned at this stage are:

- **Nordic Edge Conference and Expo 2019** (24 - 26 September 2019): Joint SCC1 meetings, a joint SCC1 booth and further side events are planned to take place during this year's Nordic Edge.
- **Barcelona Smart City Expo World Congress 2019** (November 2019)
- **Triangulum Final Conference** (Fall 2019) The final Triangulum conference will probably be attached to Nordic Edge 2019 in Stavanger. The other two first SCC1 projects REMOURBAN and GrowSmarter will be invited as special guests to talk about common challenges and results. Moreover, a joint event together with these two projects will be organised in late 2019, if possible, attached to some Smart City event in Brussels, such as the Open Days 2019, 7-10 October. Regular telephone conferences are being held with REMOURBAN and GrowSmarter representatives to continue this discussion as well as the joint organisation.



## 4 Annex: Overview of Events from M37-48

Table 1: List of dissemination activities at events

Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
<b>Events organised</b>							
<b>Organisation of a conference</b>							
Organisation of a Conference	Lpz	URBAN Network - City of the Future	24.05.2018	Leipzig, Germany	Scientific community, Industry, Civil society, Policy makers	45	Germany
Organisation of a Conference	EIN	National congress "Raad van accreditatie"	07.06.2018	Eindhoven, Netherlands	Policy makers	60	Netherlands
Organisation of a Conference	EIN	Presentation and tour	25.09.2018	Eindhoven, Netherlands	Scientific community, Civil society, Policy makers	60	Netherlands
Organisation of a Conference	EIN	Enexis (DSO) introduction on living lab approach	28.11.2018	Eindhoven, Netherlands	Policy makers, General Public	110	Netherlands
<b>Organisation of a workshop</b>							
Organisation of a workshop	Lpz	10. Forum of the Future - Smart Infrastructure	07.05.2018	Leipzig, Germany	Scientific community,	20	Germany



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
					Industry, Policy makers		
Organisation of a workshop	SEZ, UniS, CL, AJSAB	Webinar Post-M36 about "Urban Biking" <a href="https://www.youtube.com/watch?v=3GopWgFsSjC&amp;feature=youtu.be">https://www.youtube.com/watch?v=3GopWgFsSjC&amp;feature=youtu.be</a>	29.05.2018	online	Scientific Community, Industry, Others	19	Europe
Organisation of a workshop	Lpz	FONA workshop - Digitisation	05.06.2018	Leipzig, Germany	Industry, Investors	40	Germany
Organisation of a workshop	EIN	VolkerWessels visit board and staff	03.07.2018	Eindhoven, Netherlands	Industry	60	Netherlands
Organisation of a workshop	Lpz	11. Forum of the Future - Smart Living	27.08.2018	Leipzig, Germany	Scientific community, Industry, Policy makers	18	Germany
Organisation of a workshop	UNIMAN	Presentation: "What does it all add up to? From experiments to transformation". Projects, Platforms, and the Emergence of Modular Urban Development.	30.08.2018	Cardiff, UK	Scientific community	30	United Kingdom



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
		Session organizer, RGS/IBG conference, Cardiff					
Organisation of a Workshop	VW	Meeting with de municipality of Duiven and students of the Graduate School (Hogeschool) Arnhem/Nijmegen. Several presentation about Strijp S.	25.09.2018	Eindhoven, Netherlands	Scientific community, Industry, Civil society	60	Netherlands
Organisation of a workshop	SEZ, UniS, UNIMAN, EIN, UiS	Webinar Post-M36 about "Data Platforms" <a href="https://www.youtube.com/watch?v=TrGFpZ2dfWQ&amp;feature=youtu.be">https://www.youtube.com/watch?v=TrGFpZ2dfWQ&amp;feature=youtu.be</a>	04.10.2018	online	Scientific Community, Industry, Others	21	Europe
Organisation of a workshop	VW	Meeting with the Uneto/VNI, an organizations for entrepreneurs in the installation branch and technical retail trade. Several presentation about Strijp S.	02.11.2018	Eindhoven, Netherlands	Industry	30	Netherlands
Organisation of a workshop	EIN	Presentation and tour	02.11.2018	Eindhoven, Netherlands	Industry	30	Netherlands
Organisation of a workshop	Lpz	Student workshop on mobility of the future	14.11.2018	Leipzig, Germany	Civil society	40	Germany





Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Organisation of a workshop	UNIMAN	Presentation: Projects, Platforms, and the Emergence of Modular Urban Development. Session organizer, RGS/IBG conference, Cardiff	04.12.2018	Cardiff, UK	Scientific community	30	United Kingdom
Other events organised							
Other	GS	Presentation for the City of Bergen	01.02.2018	Stavanger, Norway	Civil society, Policy makers	20	Norway
Other	GS	Presentation for regional organization Follorådet, Presentation Innovation and smart city strategies	03.03.2018	Stavanger, Norway	Civil society	5	Norway
Other	MCC, MMU, UNIMAN, SIEMENS, CL	Presentation: Every Thing Is Connected - Smart City Live	21.03.2018	Manchester, UK	Scientific community, Industry, Civil society, Policy makers	550	United Kingdom
Other	EIN	Tour and presentation Morgenstadt partners	28.03.2018	Eindhoven, Netherlands	Scientific community, Industry, Policy makers	40	Germany



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Other	EIN	iCity Tender event	10.04.2018	Eindhoven, Netherlands	Scientific community, Civil society, Policy makers, Media, Investors, Other	100	Netherlands
Other	LYSE	For a Bachelor thesis on replication, interview with "Christopher Götz" of the University of Augsburg	16.04.2018	online	Scientific community	2	Germany
Other	Lpz	Expert Trip Stavanger	23.04.2018	Stavanger, Norway	Industry, Policy makers	12	Norway
Other	EIN	Visit Strijp-S with tour city and tourist area Beringen (Belgium)	15.05.2018	Eindhoven, Netherlands	Civil society	5	Belgium
Other	WB	Knowledge exchange social housing association Portal	28.05.2018	Eindhoven, Netherlands	Other	8	Netherlands
Other	EIN	Presentation Triangulum	21.06.2018	Amersfoort, Netherlands	Policy makers	60	Netherlands
Other	SK, GS	Presentation of Triangulum and Stavanger smart region	29.08.2018	Stavanger, Norway	Civil society, Policy makers	20	United Kingdom



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Other	MCC, MMU, SIEMENS	Triangulum Sign at ManMet	17.09.2018	Manchester, UK	General Public	1000	United Kingdom
Other	MCC	Smarter Travel Live! Presented 5X12 Minute Speed Learning sessions (Audience = 30+ delegates – a mix of NGOs, Local Government, and Consultants).	16.10.2018	Liverpool, UK	Scientific community, Industry, Civil society, Policy makers	35	United Kingdom
Other	EIN	City-zone-smart city start up Tel Aviv	16.10.2018	Eindhoven, Netherlands	Scientific community	40	Israel
Other	MCC	Presentation: Meeting with Russian DIT, Martine Tommis and Andrew Jackson met with Ekaterina Glukhova (Senior Trade Adviser) from the Russian DIT on the 16th October to discuss the Triangulum Project and possible future Smart City cooperation opportunities	16.10.2018	Manchester, UK	Policy makers	2	Russia
Other	EIN	Participation in TU/e study on co-creation in 10 European Countries	27.11.2018	Eindhoven, Netherlands	Scientific community	100	Netherlands



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Other	MCC, MMU, UNIMAN, SIEMENS, CL	Presentation: Foreign & Commonwealth Office (FCO) visit Triangulum Energy Storage Solution at ManMet Energy Centre.	05.12.2018	Manchester, UK	Industry, Civil society, Policy makers	35	United Kingdom
<b>Events participated</b>							
<b>Participation in activities organised jointly with other H2020 project(s)</b>							
Participation in activities organised jointly with other H2020 project(s)	FhG, SEZ	SCC1 Conference Lisbon	12.04.2018	Lisbon, Portugal	Scientific Community, Policy Makers, Industry, Others	112	Europe
Participation in activities organised jointly with other H2020 project(s)	FhG	SCC01 Data Privacy	14.06.2018	Rotterdam, Netherlands	Scientific community, Industry	10	Netherlands, Germany, United Kingdom, Norway
Participation in activities organised jointly with other H2020 project(s)	FhG, SEZ, EIN, SK, IPR, AJSAB, Lpz	CROSS-SCC Replication Workshop after Nordic Edge	28.09.2018	Stavanger, Norway	Scientific, Policy makers, Policy makers, Civil society	150	Europe



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Participation in activities organised jointly with other H2020 project(s)	LYSE	Blink as replication case at Nordic Pavilion, Smart City World Expo Congress	15.11.2018	Barcelona, Spain	Scientific community, Industry, Policy makers, Media	35	World
Participation in activities organised jointly with other H2020 project(s)	FhG, SEZ, UniS, MCC, CL, SK, GS, Rogfk, UiS, LYSE, IPR, AJSAB, Lpz	Lighthouse Day at Nordic Edge 2018	27.11.2018	Stavanger, Norway	all	118	Europe
Participation in activities organised jointly with other H2020 project(s)	FhG, SEZ, EIN, SK, LYSE, IPR, AJSAB	Smart City Expo World Congress	13.11.2018 – 15.11.2018	Barcelona, Spain	all	20000	World
Participation in activities organised jointly with other H2020 project(s)	FhG, SEZ, UniS, MCC, CL, EIN, SK, GS, Rogfk, UiS, LYSE, IPR, AJSAB, Lpz	Nordic Edge Expo 2018 - joint stand	25.09.2018 – 27.09.2018	Stavanger, Norway	all	6000	Europe



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Participation in activities organised jointly with other H2020 project(s)	FhG	Cross SCC Packaging Workshop	14.01.2019	Lisbon, Portugal	Scientific community, Industry, Policy makers	150	Europe
<b>Participation to a conference</b>							
Participation to a conference	MCC	The Smarter Cities Conference	24.04.2018	Salford, UK	Scientific community, Industry, Civil society, Other	50	United Kingdom
Participation to a conference	UNIMAN	"Empowering smart cities: replication, upscaling and the forgotten needs of cities." Keynote for KNECT Smart to Future Cities, London, 25-26 April. (WP2 & WP3)	25.04.2018	London, UK	Scientific community, Industry, Civil society	300	United Kingdom
Participation to a conference	MCC, SIEMENS	Triangulum & Ruggedised Knowledge Sharing Event (MCC, Siemens, and Glasgow City Council)	10.05.2018	Manchester, UK	Scientific community, Civil society	11	United Kingdom



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Participation to a conference	EIN	Lustrum Symposium Presentation for students of the Master study 'Real Estate Management & Development'	01.06.2018	Eindhoven, Netherlands	Scientific community	70	Netherlands
Participation to a conference	UiS	Smart IoT Conference	18.08.2018	Xi'an, China	Scientific community	30	World
Participation to a conference	UNIMAN	"Measuring impacts of smart city projects: Triangulum's Quadruple Helix innovative approach." Triple Helix Conference, Manchester, 6th September (WP2 & WP3)	06.09.2018	Manchester, UK	Scientific community, Policy makers	40	United Kingdom
Participation to a conference	Lpz	Conference net18	21.09.2018	Leipzig, Germany	Industry, Policy makers, Investors	50	Germany
Participation to a conference	Lpz	URBAN Network, Smart Mobility	18.10.2018	Vienna, Austria	Scientific community, Industry, Civil society, Policy Makers	43	Europe
Participation to a conference	Lpz	Major Cities of Europe - Opening Presentation	23.10.2018	Leipzig, Germany	Scientific community,	200	Europe



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
					Industry, Civil society		
Participation to a conference	UiS	Chinese National Computer Conference	25.10.2018	Ningbo, China	Scientific community	6000	China
Participation to a conference	Lpz	Presentation B.Ginzel "Leipzig 2030 – Eine Blaupause für die Stadt von morgen?" at the Smart City Conference	14.11.2018	Leipzig, Germany	Civil society, Media	42	Germany
Participation to a conference	UNIMAN	Presentation "Empowering Smart Cities: rethinking urban innovation." Keynote for The Public Sector Show. Manchester, 20th November. (WP2 & WP3)	20.11.2018	Manchester, UK	Industry, Civil society	120	United Kingdom
Participation to a conference	UiS	China Blockchain Conference	24/11/2018	Hangzhou, China	Scientific community, Industry, Civil society, Policy makers, Media, General Public	725	World
Participation to a conference	UiS	International Blockchain Conference	28/11/2018	Changsha, China	Scientific community,	725	China / World





Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
					Industry, Policy makers, Media, General Public		
Participation to a conference	UNIMAN	Presentation “Setting up and scaling up a living lab.” Keynote for Living in a Lab? Looking for Sustainable Solutions. KU Leuven, Leuven, 29th November.(WP2 & WP3)	29.11.2018	Leuven, Netherlands	Scientific community, Industry	100	Belgium
Participation to a conference	UiS	IEEE Cloud Com	11/12/2018	Cyprus	Scientific community, Industry, Policy makers, Media	100	World
Participation to a conference	FhG	Data for Cities Conference	12.12.2018	Munich, Germany	Scientific community, Industry, Policy makers	80	Germany, United Kingdom, Netherlands
<b>Participation to a workshop</b>							
Participation to a workshop	UNIMAN	“Manchester Urban Observatory”. City Observatory Research platform for innovation and Analytics workshop,	28.03.2018	Newcastle, UK	Scientific community	20	United Kingdom



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
		Newcastle, 28th March, 2018. (WP2 & WP2)					
Participation to a workshop	IPR	Kick-off meeting of the Platform of Social Live Science organized by the Central Bohemian Innovation Centre. Two participants of IPR Prague.	19.06.2018	Dolní Břežany, Czech Republic	Scientific community, Industry, Civil society, Other	21	Czech Republic
Participation to a workshop	Lpz	Mentor's day at SpinLab accelerator	23.08.2018	Leipzig, Germany	Industry, Investors	40	Germany
Participation to a workshop	EIN	Brainstrom Traffic session metropole regopn Amsterdam	05.09.2018	Eindhoven, Netherlands	Policy makers	25	Netherlands
Participation to a workshop	UiS	Tour de Triangulum (Nordic Edge Expo)	26.09.2018	Stavanger, Norway	Scientific community, Industry, Policy makers, General Public	50	Europe
Participation to a workshop	FhG	SmartPolis Technical Workshop	26.10.2018	Budapest, Hungary	Scientific community	50	Hungary, Germany
Participation to a workshop	LYSE	Nordic roundtable at Smart City World Congress	14.11.2018	Barcelona, Spain	Scientific community,	38	Europe



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
					Industry, Policy makers, Other		
Participation to a workshop	LYSE	GrowSmarter workshop at Smart City World Congress	15.11.2018	Barcelona, Spain	Scientific community, Industry, Other	9	Europe
Participation to a workshop	FhG	Morgenstadt, Copenhagen	30.11.2018	Copenhagen, Denmark	Scientific community, Industry, Policy makers	30	Germany, United Kingdom, Netherlands
<b>Participation to an event other than a conference or workshop</b>							
Participation to an event other than a conference or workshop	FhG	EIP SCC Meeting	27.06.2018	Sofia, Bulgaria	Scientific community, Industry, Policy makers	150	Europe
Participation to an event other than a conference or workshop	WB	Knowledge exchange social housing association Woonpartners at Eckart	16.07.2018	Eindhoven, Netherlands	Other	2	Netherlands
Participation to an event other than a conference or workshop	SK, UiS, LYSE	Euro-China Green & Smart City Awards	07.09.2018	Ningbo, China	Scientific community, Industry, Civil society, Policy	6000	World



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
					makers, Media, General Public		
Participation to an event other than a conference or workshop	LYSE	Triangulum master thesis with UiS students at Lyse	23.09.2018	Stavanger, Norway	Scientific community	2	Norway
Participation to an event other than a conference or workshop	MCC	SCC1 UK Cities Group set up (plan is to form a group / online calls / shared space / hold meetings with other LH Cities - Nottingham, Bristol, Glasgow, Greenwich.)	09.10.2018	online	Policy makers	10	United Kingdom
Participation to an event other than a conference or workshop	WB	Excursion tenant representation	12.11.2018	Eindhoven, Netherlands	Customers	4	Netherlands
Participation to an event other than a conference or workshop	MCC, MMU, SIEMENS	Foreign & Commonwealth Office (FCO) visit Triangulum Energy Storage Solution at ManMet Energy Centre.	05.12.2018	Manchester, UK	Industry, Civil society, Policy makers	35	United Kingdom



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Participation to an event other than a conference or workshop	MCC, MMU, SIEMENS	Manchester Triangulum Partners win UK Energy Award 2018 (London) in the Public Building Energy Project of the Year category. (Also tweeted on social media).	05.12.2018	London, UK	Scientific community, Industry, Civil society	300	Europe
<b>Presentations</b>							
Presentation	GS	Presentation for the City of Bergen	01.02.2018	Stavanger, Norway	Civil society, Policy makers	20	Norway
Presentation	GS	Presentation for the City of Bergen	01.02.2018	Stavanger, Norway	Civil society, Policy makers	20	Norway
Presentation	GS	Presentation for regional organization Follorådet	03.03.2018	Stavanger, Norway	Civil society	5	Norway
Presentation	GS	Presentation for regional organization Follorådet, Presentation Innovation and smart city strategies	03.03.2018	Stavanger, Norway	Civil society	5	Norway



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Presentation	MCC, MMU, UNIMAN, SIEMENS, CL	Presentation: Every Thing Is Connected - Smart City Live	21.03.2018	Manchester, UK	Scientific community, Industry, Civil society, Policy makers	550	United Kingdom,
Presentation	EIN	Tour and presentation Morgenstadt partners	28.03.2018	Eindhoven, Eindhoven	Scientific community, Industry, Policy makers	40	Germany
Presentation	EIN	Tour and presentation Morgenstadt partners	28.03.2018	Eindhoven, Netherlands	Scientific community, Industry, Policy makers	40	Germany,
Presentation	EIN	Lustrum Symposium Presentation for students of the Master study 'Real Estate Management & Development'	01.06.2018	Eindhoven, Netherlands	Scientific community	70	Netherlands
Presentation	EIN	Presentation Triangulum	21.06.2018	Amersfoort, Netherlands	Policy makers	60	Netherlands



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Presentation	EIN	Presentation Triangulum	21.06.2018	Amersfoort, Netherlands	Policy makers	60	Netherlands
Presentation	SK, GS	Presentation of Triangulum and Stavanger smart region	29.08.2018	Stavanger, Norway	Civil society, Policy makers	20	United Kingdom
Presentation	UNIMAN	Presentation: "What does it all add up to? From experiments to transformation". Projects, Platforms, and the Emergence of Modular Urban Development. Session organizer, RGS/IBG conference, Cardiff	30.08.2018	Cardiff, UK	Scientific community	30	United Kingdom
Presentation	EIN	Presentation and tour	25.09.2018	Eindhoven, Netherlands	Scientific community, Civil society, Policy makers	60	Netherlands
Presentation	MCC	Presentation: Meeting with Russian DIT, Martine Tommis and Andrew Jackson met with Ekaterina Glukhova (Senior	16.10.2018	Manchester, UK	Policy makers	2	Russia



Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
		Trade Adviser) from the Russian DIT on the 16th October to discuss the Triangulum Project and possible future Smart City cooperation opportunities					
Presentation	Lpz	Major Cities of Europe - Opening Presentation	23.10.2018	Leipzig, Germany	Scientific community, Industry, Civil society	200	Europe
Presentation	EIN	Presentation and tour	02.11.2018	Eindhoven, Netherlands	Industry	30	Netherlands
Presentation	Lpz	Presentation B.Ginzel "Leipzig 2030 – Eine Blaupause für die Stadt von morgen?" at the Smart City Conference	14.11.2018	Leipzig, Germany	Civil society, Media	42	Germany
Presentation	LYSE	Blink as replication case at Nordic Pavilion, Smart City World Expo Congress	15.11.2018	Barcelona, Spain	Scientific community, Industry, Policy makers, Media	35	World





Type of activities	Main leader (Owner(s))	Title	Date	Place	Type of audience	Size of audience	Countries addressed
Presentation	UNIMAN	Presentation “Empowering Smart Cities: rethinking urban innovation.” Keynote for The Public Sector Show. Manchester, 20th November. (WP2 & WP3)	20.11.2018	Manchester, UK	Industry, Civil society	120	United Kingdom
Presentation	UNIMAN	Presentation “Setting up and scaling up a living lab.” Keynote for Living in a Lab? Looking for Sustainable Solutions. KU Leuven, Leuven, 29th November. (WP2 & WP3)	29.11.2018	Leuven, Netherlands	Scientific community, Industry	100	Belgium
Presentation	UNIMAN	Presentation: Projects, Platforms, and the Emergence of Modular Urban Development. Session organizer, RGS/IBG conference, Cardiff	04.12.2018	Cardiff, UK	Scientific community	30	United Kingdom
Presentation	MCC, MMU, UNIMAN, SIEMENS, CL	Presentation: Foreign & Commonwealth Office (FCO) visit Triangulum Energy Storage Solution at ManMet Energy Centre.	05.12.2018	Manchester, UK	Industry, Civil society, Policy makers	35	United Kingdom

