



Project no. 691735  
REPLICATE PROJECT  
Renaissance of Places with Innovative  
Citizenship And Technology



# REPLICATE PROJECT

## REnaissance of PLaces with Innovative Citizenship And Technology

Project no. 691735

H2020-SCC-2015 Smart Cities and Communities  
Innovation Action (IA)

### List of Deliverables

#### Index of contents

1.	LIST OF DELIVERABLES WORK PACKAGE 1 .....	2
2.	LIST OF DELIVERABLES WORK PACKAGE 2 .....	4
3.	LIST OF DELIVERABLES WORK PACKAGE 3 .....	5
4.	LIST OF DELIVERABLES WORK PACKAGE 4 .....	6
5.	LIST OF DELIVERABLES WORK PACKAGE 5 .....	10
6.	LIST OF DELIVERABLES WORK PACKAGE 6 .....	11
7.	LIST OF DELIVERABLES WORK PACKAGE 7 .....	12
8.	LIST OF DELIVERABLES WORK PACKAGE 8 .....	13
9.	LIST OF DELIVERABLES WORK PACKAGE 9 .....	14
10.	LIST OF DELIVERABLES WORK PACKAGE 10 .....	15
11.	LIST OF DELIVERABLES WORK PACKAGE 11 .....	16

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## 1. List of Deliverables Work Package 1

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D1.1	Project Management Plan v1	WP1	2 - FSS	Report	Public	3
D1.2	Project Management Plan v2	WP1	2 - FSS	Report	Public	20
D1.3	Project Management Plan v3	WP1	2 - FSS	Report	Public	38
D1.4	District Management Plan San Sebastián	WP1	2 - FSS	Report	Public	6
D1.5	District Management Plan Florence	WP1	3 - FIRENZE	Report	Public	6
D1.6	District Management Plan Bristol	WP1	4 - BRISTOL CITY	Report	Public	6
D1.7	Data Management Plan	WP1	12 - TECNALLA	Report	Public	6
D1.8	Annual Quality Assurance report. San Sebastian v1. Reporting Period 1	WP1	2 - FSS	Report	Public	20
D1.9	Annual Quality Assurance report. San Sebastian v2. Reporting Period 2	WP1	2 - FSS	Report	Public	38
D1.10	Annual Quality Assurance report. San Sebastian v3. Reporting Period 3.	WP1	2 - FSS	Report	Public	38
D1.11	Annual Quality Assurance report. San Sebastian v4. Reporting Period 4.	WP1	2 - FSS	Report	Public	60
D1.12	Annual Quality Assurance report. Florence v1. Reporting Period 1.	WP1	3 - FIRENZE	Report	Public	20
D1.13	Annual Quality Assurance report. Florence v2. Reporting Period 2.	WP1	3 - FIRENZE	Report	Public	38
D1.14	Annual Quality Assurance report. Florence v3. Reporting Period 3	WP1	3 - FIRENZE	Report	Public	56
D1.15	Annual Quality Assurance report.	WP1	3 - FIRENZE	Report	Public	60

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Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
	Florence v4. Reporting Period 4.					
D1.16	Annual Quality Assurance report. Bristol v1. Reporting Period 1.	WP1	4 - BRISTOL CITY	Report	Public	20
D1.17	Annual Quality Assurance report. Bristol v1. Reporting Period 2.	WP1	4 - BRISTOL CITY	Report	Public	38
D1.18	Annual Quality Assurance report. Bristol v1. Reporting Period 3.	WP1	4 - BRISTOL CITY	Report	Public	56
D1.19	Annual Quality Assurance report. Bristol v1. Reporting Period 4.	WP1	4 - BRISTOL CITY	Report	Public	60
D1.20	Progress Reports v1	WP1	2 - FSS	Report	Public	20
D1.21	Progress Report v2	WP1	2 - FSS	Report	Public	38
D1.22	Progress Report v3	WP1	2 - FSS	Report	Public	56
D1.23	Progress Report v4	WP1	2 - FSS	Report	Public	60
D1.24	Report of the Advisory Board	WP1	2 - FSS	Report	Public	30

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## 2. List of Deliverables Work Package 2

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D2.1	Report on delivery of the three workshops	WP2	24 - UNIVBRIS	Report	Public	12
D2.2	Report on the Business Models of Lighthouse Cities	WP2	35 - ESADE	Report	Public	12
D2.3	Internal report on findings	WP2	24 - UNIVBRIS	Report	Public	42
D2.4	Report on replication potential of City Business Models	WP2	24 - UNIVBRIS	Report	Public	48

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### 3. List of Deliverables Work Package 3

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D3.1	Buildings retrofitted	WP3	9 - ENDESA ENERGIA	Demonstration	Public	30
D3.2	Study of Biomass resources in Ametzagaina Park	WP3	2 - FSS	Report	Public	12
D3.3	Report on DH construction including the maintenance program	WP3	2 - FSS	Report	Public	30
D3.4	Demand side platform	WP3	12 - TECNALLA	Websites, patents filling, etc.	Public	12
D3.5	Report on the use of Electric Bus in Line 26	WP3	14 - CTSS	Report	Public	24
D3.6	Report on the deployment of EVs in the city	WP3	1 - ADS	Report	Public	36
D3.7	Report on the deployment of charging infrastructure in the city of San Sebastian	WP3	1 - ADS	Report	Public	36
D3.8	Report on the use of the ITS	WP3	8 - IKUSI	Report	Public	36
D3.9	Use of Big Data for mobility services	WP3	13 - EUSKALTEL SA	Demonstration	Public	36
D3.10	Report on High speed mobile network based on postWIMAX technology	WP3	36 - SISTELEC	Report	Public	24
D3.11	Report on public lightning system	WP3	11 - LEYCOLAN	Report	Public	24

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#### 4. List of Deliverables Work Package 4

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D4.1	Reporting on the state of the implementations in energy pilot actions v1	WP4	3 - FIRENZE	Report	Public	12
D4.2	Reporting on the state of the implementations in energy pilot actions v2	WP4	3 - FIRENZE	Report	Public	15
D4.3	Reporting on the state of the implementations in energy pilot actions v3	WP4	3 - FIRENZE	Report	Public	18
D4.4	Reporting on the state of the implementations in energy pilot actions v4	WP4	3 - FIRENZE	Report	Public	21
D4.5	Reporting on the state of the implementations in energy pilot actions v5	WP4	3 - FIRENZE	Report	Public	24
D4.6	Reporting on the state of the implementations	WP4	3 - FIRENZE	Report	Public	27

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Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
	in energy pilot actions v6					
D4.7	Reporting on the state of the implementations in energy pilot actions v7	WP4	3 - FIRENZE	Report	Public	30
D4.8	Reporting on the state of the implementations in energy pilot actions v8	WP4	3 - FIRENZE	Report	Public	33
D4.9	Reporting on the state of the implementations in energy pilot actions v9	WP4	3 - FIRENZE	Report	Public	36
D4.10	Reporting on the state of the implementations in energy pilot actions v10	WP4	3 - FIRENZE	Report	Public	39
D4.11	Reporting on the state of the implementations in energy pilot actions v11	WP4	3 - FIRENZE	Report	Public	42
D4.12	Reporting on the state of the implementations in energy pilot actions v12	WP4	3 - FIRENZE	Report	Public	45
D4.13	Reporting on the state of the implementations in energy pilot actions v13	WP4	3 - FIRENZE	Report	Public	48
D4.14	Reporting on the state of the implementations in energy pilot actions v14	WP4	3 - FIRENZE	Report	Public	51
D4.15	Reporting on the state of the implementations in energy pilot actions v15	WP4	3 - FIRENZE	Report	Public	54
D4.16	Reporting on the state of the implementations in energy pilot actions v16	WP4	3 - FIRENZE	Report	Public	57
D4.17	Reporting on the state of the implementations in energy pilot actions v17	WP4	3 - FIRENZE	Report	Public	60
D4.18	Reporting on the state of the implementations	WP4	21 - THALIT	Report	Public	12

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Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
	in mobility pilot actions v1					
D4.19	Reporting on the state of the implementations in mobility pilot actions v2	WP4	21 - THALIT	Report	Public	15
D4.20	Reporting on the state of the implementations in mobility pilot actions v3	WP4	21 - THALIT	Report	Public	18
D4.21	Reporting on the state of the implementations in mobility pilot actions v4	WP4	21 - THALIT	Report	Public	21
D4.22	Reporting on the state of the implementations in mobility pilot actions v5	WP4	21 - THALIT	Report	Public	24
D4.23	Reporting on the state of the implementations in mobility pilot actions v6	WP4	21 - THALIT	Report	Public	27
D4.24	Reporting on the state of the implementations in mobility pilot actions v7	WP4	21 - THALIT	Report	Public	30
D4.25	Reporting on the state of the implementations in mobility pilot actions v8	WP4	21 - THALIT	Report	Public	33
D4.26	Reporting on the state of the implementations in mobility pilot actions v9	WP4	21 - THALIT	Report	Public	36
D4.27	Reporting on the state of the implementations in mobility pilot actions v10	WP4	21 - THALIT	Report	Public	39
D4.28	Reporting on the state of the implementations in mobility pilot actions v11	WP4	21 - THALIT	Report	Public	42
D4.29	Reporting on the state of the implementations in mobility pilot actions v12	WP4	21 - THALIT	Report	Public	45
D4.30	Reporting on the state of the implementations	WP4	21 - THALIT	Report	Public	48



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Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
	in mobility pilot actions v13					
D4.31	Reporting on the state of the implementations in mobility pilot actions v14	WP4	21 - THALIT	Report	Public	51
D4.32	Reporting on the state of the implementations in mobility pilot actions v15	WP4	21 - THALIT	Report	Public	54
D4.33	Reporting on the state of the implementations in mobility pilot actions v16	WP4	21 - THALIT	Report	Public	57
D4.34	Reporting on the state of the implementations in mobility pilot actions v17	WP4	21 - THALIT	Report	Public	60
D4.35	ICT Smart City Platform, including smart city engine for data gathering, data processing, dashboard, API, APIs user manual and development tools, etc.	WP4	20 - UNIFI	Websites, patents filling, etc.	Public	24
D4.36	Smart City Control room and service tools	WP4	20 - UNIFI	Websites, patents filling, etc.	Public	24
D4.37	Mobile and web applications for citizens	WP4	17 - MATHEMA SRL	Websites, patents filling, etc.	Public	24
D4.38	Investment Report	WP4	3 - FIRENZE	Report	Public	24

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## 5. List of Deliverables Work Package 5

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D5.1	Two hundred and forty (20.400m2) residential homes retrofitted in the Neighbourhood Partnership area of Ashley, Easton and Lawrence Hill	WP5	4 - BRISTOL CITY	Demonstration	Public	12
D5.2	Biomass boiler procured for district heating network in Easton connecting a leisure centre, school, and six social housing blocks.	WP5	4 - BRISTOL CITY	Demonstration	Public	24
D5.3	Energy demand platform deployed to monitor energy generation and demand. It controls energy demand for SM - as enabled for homes, intelligent lighting and electric vehicles in the Ashley, Easton and Lawrence Hill.	WP5	4 - BRISTOL CITY	Websites, patents filing, etc.	Public	36
D5.4	Thirty two e-bikes deployed in a corporate scheme.	WP5	33 - Co-wheels	Demonstration	Public	36
D5.5	Car club expanded with six electric vehicles.	WP5	33 - Co-wheels	Demonstration	Public	36
D5.6	Two on-demand EV minibuses (Busi's) deployed	WP5	31 - ESOTERIX	Demonstration	Public	36
D5.7	Transport Infrastructure adaptation including EV charge point installation	WP5	4 - BRISTOL CITY	Demonstration	Public	18
D5.8	Travel West journey planner upgraded to offer a personalised mobility service for citizens.	WP5	30 - Route Monkey	Websites, patents filing, etc.	Public	22
D5.9	Development of ICT Smart City Platform concept and of integration of demonstration IT Systems within this	WP5	27 - ZEETTA	Websites, patents filing, etc.	Public	36

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## 6. List of Deliverables Work Package 6

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D6.1	Integrated ICT architectures and services requirements specification	WP6	12 - TECNALIA	Websites, patents filling, etc.	Public	12
D6.2	Roadmap of Digital services catalogue from the 3 cities (existing, forthcoming, FTWARE enablers)	WP6	12 - TECNALIA	Report	Public	12
D6.3	Integrated ICT architecture design, and interoperability path from 3 cities towards Fware	WP6	12 - TECNALIA	Websites, patents filling, etc.	Public	12
D6.4	Integrated architecture and services catalogue for the Community Ecosystem-v1	WP6	12 - TECNALIA	Websites, patents filling, etc.	Public	12
D6.5	Integrated architecture and services catalogue for the Community Ecosystem-v2	WP6	12 - TECNALIA	Websites, patents filling, etc.	Public	12
D6.6	Integrated ICT Platform Testing results & impact analysis	WP6	12 - TECNALIA	Websites, patents filling, etc.	Public	36
D6.7	Mobile network for Smart Cities, based on PostWIMAX infrastructure	WP6	36 - SISTELEC	Websites, patents filling, etc.	Public	36
D6.8	Standardization and synergies between intelligent lightning systems and ICT Smart city platform	WP6	12 - TECNALIA	Websites, patents filling, etc.	Public	36

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## 7. List of Deliverables Work Package 7

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D7.1	Report on peer-review methodology including templates and supporting materials	WP7	18 - SPES	Report	Public	18
D7.2	Report on technical solutions v1	WP7	18 - SPES	Report	Public	24
D7.3	Report on technical solutions v2	WP7	18 - SPES	Report	Public	36
D7.4	Report on management models v1	WP7	18 - SPES	Report	Public	24
D7.5	Report on management models v2	WP7	18 - SPES	Report	Public	36
D7.6	Lighthouse cities' replication plans	WP7	18 - SPES	Report	Public	36

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## 8. List of Deliverables Work Package 8

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D8.1	Essen: Critical Factors	WP8	5 - Stadt Essen	Report	Public	12
D8.2	Niüfer: Critical Factors	WP8	6 - Niüfer	Report	Public	12
D8.3	Lausanne: Critical Factors	WP8	7 - Lausanne	Report	Public	12
D8.4	Report on conclusions of the interviews and the focus groups	WP8	25 - UOXF	Report	Public	36
D8.5	Open data platform to share the outcomes integrated in the common ICT Platform	WP8	25 - UOXF	Websites, patents filing, etc.	Public	48
D8.6	Essen: Replication and Adaptability Pla	WP8	5 - Stadt Essen	Report	Public	60
D8.7	Niüfer: Replication and Adaptability Plan	WP8	6 - Niüfer	Report	Public	60
D8.8	Lausanne: Replication and Adaptability Plan	WP8	7 - Lausanne	Report	Public	60

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## 9. List of Deliverables Work Package 9

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D9.1	Baseline definition and integration and results analysis from WPs 3, 4, 5, 8 and 11	WP9	35 - ESADE	Report	Public	12
D9.2	Methodology review and methodological framework definition	WP9	35 - ESADE	Report	Public	12
D9.3	Sectorial Business analysis / Exploitation potential in the field of low energy, ICT, Sustainable mobility and other remaining sectors included in REPLICATE	WP9	35 - ESADE	Report	Public	24
D9.4	Business opportunities report validation	WP9	35 - ESADE	Report	Public	54

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## 10. List of Deliverables Work Package 10

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D10.1	Report on indicators for monitoring at project level	WP10	12 - TECNALIA	Report	Public	12
D10.2	Report on indicators for monitoring at city level	WP10	12 - TECNALIA	Report	Public	12
D10.3	Baseline analysis of city level indicators for follower cities and benchmarking with lighthouse cities	WP10	12 - TECNALIA	Report	Public	12
D10.4	Monitoring programme for San Sebastian	WP10	2 - FSS	Demonstration	Public	24
D10.5	Monitoring programme for Florence	WP10	3 - FIRENZE	Demonstration	Public	24
D10.6	Monitoring programme for Bristol	WP10	4 - BRISTOL CITY	Demonstration	Public	24
D10.7	Report for monitoring business models – energy/mobility/ICT	WP10	12 - TECNALIA	Report	Public	24
D10.8	Protocol for integrating monitoring data into the ICT platform	WP10	12 - TECNALIA	Websites, patents filing, etc.	Public	24
D10.9	Operational Dashboard and online visualization tool for key performance indicators	WP10	12 - TECNALIA	Websites, patents filing, etc.	Public	24
D10.10	Yearly reports monitoring city level indicators for the three lighthouse cities v1	WP10	12 - TECNALIA	Report	Public	34
D10.11	Yearly reports monitoring city level indicators for the three lighthouse cities v2	WP10	12 - TECNALIA	Report	Public	48
D10.12	Yearly reports monitoring city level indicators for the three lighthouse cities v3	WP10	12 - TECNALIA	Report	Public	60
D10.13	Guidelines for ex-ante impact evaluation of replication scenarios	WP10	12 - TECNALIA	Report	Public	60

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## 11. List of Deliverables Work Package 11

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D11.1	Communication Plan	WP11	23 - TECHNOMAR	Report	Public	6
D11.2	Calendar of local events	WP11	23 - TECHNOMAR	Report	Public	54
D11.3	Calendar of EU workshops	WP11	23 - TECHNOMAR	Report	Public	54
D11.4	Project web page	WP11	23 - TECHNOMAR	Websites, patents filling, etc.	Public	9
D11.5	Communication material	WP11	23 - TECHNOMAR	Report	Public	9
D11.6	Local workshops on energy awareness	WP11	23 - TECHNOMAR	Demonstration	Public	60
D11.7	ECE/SEE workshops	WP11	23 - TECHNOMAR	Demonstration	Public	36
D11.8	Innovation spaces	WP11	23 - TECHNOMAR	Other	Public	30
D11.9	Final executive summary report for publication	WP11	23 - TECHNOMAR	Report	Public	60