



# **SMART MATURE RESILIENCE**

## **FORMAL AGREEMENT**

**REGARDING THE USE OF THE SMR STRATEGIC RESILIENCE TOOLS AND THE  
EUROPEAN RESILIENCE MANAGEMENT GUIDELINE**

**SEPTEMBER 2018**



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# 1. SMR FORMAL AGREEMENT

## 1.1. STATEMENT OF COMMITMENT

BETWEEN THE CITY OF **XXX** AND THE **SMART MATURE RESILIENCE PROJECT CONSORTIUM**

### 1. PURPOSE

The current document, hereafter referred to as SoC, aims to act as an official agreement for the further use of the Smart Mature Resilience (SMR) project's strategic resilience tools (later described) and the European Resilience Management Guideline (also developed by the SMR project) by the City of XX.

Such commitment responds to three main objectives:

- To maximise the outcomes of the project enlarging thus, its reach and lifespan.
- To unlock the full potential of the tools by applying them to a local context, in combination with the others.
- To integrate the use of the tools and the European Resilience Management Guideline within the local resilience strategy or other relevant, climate adaptation, environmental and sustainability plans and strategies.



## 2. PARTNERS

2.1 The partners to this SoC are the City of XXX and the SMR Project Consortium.

2.2 The SoC entitles the City of XXX to use the tools both past the end of the SMR project (30/06/18), and integrate them into local strategic planning and management activities in the field of urban resilience.

## 3. THE SMR STRATEGIC RESILIENCE TOOLS AND THE EUROPEAN RESILIENCE MANAGEMENT GUIDELINE

The tools mentioned in the SoC have been developed within the SMR project in a pilot process of co-design and co-creation involving seven cities, four universities, a city network and a standardization organisation, with the purpose of supporting city-level policymakers to make informed decisions concerning urban resilience. Following this process, 8 additional cities tested the tools in an iterative process.

The SMR strategic resilience tools included in this SoC are:

### 3.1 The Risk Systemicity Questionnaire (RSQ)

This tool has been designed as an interactive set of questions to be answered by city stakeholders, with the aim of facilitating focused and transdisciplinary discussion. Based on the given responses, it provides the users with a relative risk score (an estimated risk level for the city) and an awareness score (the level of knowledge the city has about the possible risk scenarios). The RSQ is



accessible in the following link: <http://www.smr-project.eu/tools/risk-systemicity-questionnaire/>

### 3.2 The Resilience Maturity Model (RMM)

This tool helps the city to define its current status of resilience maturity and to identify and prioritize the policies to implement in order to develop resilience. Additionally, it provides the City with a reference for self-assessing that could be useful when shaping a strategic plan. The RMM is accessible in the following link: <http://www.smr-project.eu/tools/maturity-model-guide/>

### 3.3 The City Resilience Dynamics Model (CRD)

This tool, presented as a simulation model, aims at helping city disaster managers to diagnose, explore and learn about the resilience building process. The model allows the user to experiment with potential budget and try different policy options, identifying the implications of each of them in the resilience improvement process. The CRD is accessible in the following link: <http://crd.smr-project.eu/>

### 3.4 The Resilience Information Portal (RP)

This tool serves as a toolbox that can complement and enhance the platforms and software that cities already have in place. It allows cities to display data internally or publicly that is already available to the city as it applies to resilience, vulnerability and crisis situations. The RP is accessible in the following link: <http://smr-project-test.appspot.com/main.page>

### 3.5 The Resilience Building Policies Tool (RBP)

This tool compliments the others by providing a collection of case studies of policy implementation in cities, and serves as a solid point of reference for



information gathering and advice. It combines custom ways to view policies contained in the SMR RMM with detailed information and examples from; case studies detailing policy implementation in SMR cities, references of sources to case studies from other cities around the world, and links to risk mitigation actions that support the policies (and are included in the RSQ). The RBP is accessible in the following link: <http://www.smr-project.eu/tools/resilience-building-policies/>

### 3.6. The European Resilience Management Guideline (ERMG)

The five strategic resilience tools (described above) together integrate the European Resilience Management Guideline, which set provides guidance and consultancy services to cities and local governments in assessing their local resilience status. The European Resilience Management Guideline sets measurable targets together with local stakeholders, using the five SMR strategic resilience tools to help the city further build local resilience and progress within the maturity stages. Finally, it defines an operational framework that provides guidance and aims at training and supporting municipalities and relevant stakeholders in implementing an integrated management system that enhances city resilience. All five strategic resilience tools and the European Resilience Management Guideline are open access and available on the SMR project's website, under the link: <http://www.smr-project.eu/tools/>



#### 4. COMMITMENT

By signing this SoC, the City of XXX commits to:

- Make use of the five strategic resilience tools described above, beyond the end of the SMR project (30/06/18).
- Make use of the European Resilience Management Guideline and the operational framework it provides, beyond the end of the SMR project (30/06/18).
- Contribute to discussions and share experiences with the SMR project Consortium.

By signing this SoC, the SMR Consortium commits to:

- Facilitate, upon request, the adoption of the five SMR strategic resilience tools and the European Resilience Management Guideline by the City of XXX following the countersigning of this agreement
- Provide guidance and knowledge by making available all the produced materials regarding the further use of the five SMR strategic resilience tools and the European Resilience Management Guideline to the City of XXX.



This SoC shall remain in effect once signed by both parties.

Please submit a signed electronic copy of the SoC to [climate-adapt-cities@iclei.org](mailto:climate-adapt-cities@iclei.org). A countersigned copy will be returned upon reception of it; signed by ICLEI European Secretariat, on behalf of the Smart Mature Resilience Consortium.

On behalf of the SMR Project Consortium

Signed,

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

On behalf of the City of XXX

Signed,

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_