



## SESSION DESCRIPTION

# **D3** Standardized support tools for urban resilience, integrating resilience planning into local decision-making

## Roundtable Discussion

**Date:** Friday, 27 April, 2018

**Time:** 11:00-12:30

**Rooms:** S29-31

**Language:** English

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**Organized by:** RESIN

### OBJECTIVE

In this roundtable discussion we will investigate the usefulness of standardized approaches in a climate resilience planning process. We will discuss the advantages and challenges of producing support tools in a co-creational environment with the aim of producing widely applicable results (EU and globally). The discussion will draw on experiences in European cities, such as Bratislava and Manchester, and include demonstrations of tools co-developed with these cities.

### OUTCOMES

The audience will gain a better understanding of recent developments in standardizing (parts of) the process of creating an adaptation strategy, tools that have been developed to support standardization and relevant developments in international standardization organizations.

### METHODOLOGY

The facilitator will introduce you to the RESIN project of which the experiences on the need for and potential of standardized approaches in a climate resilience planning process form the basis of the session (5 min). After a presentation by the city of Bratislava on the challenges of integrating climate adaptation into the work of other departments and of the different independent boroughs of Bratislava (10 min), we will deal with the issue of systematically taking stakeholders along the path of creating a risk assessment, while at the same time using a new methodology. To do so Fraunhofer Institute will present its standardized approach to making a vulnerability and risk assessment and illustrate how this was effectively used to create impact chain diagrams with stakeholders and to arrive at systematically mapped risk indicators and indices in Bratislava and Manchester (10 Min).

These inputs will inform a discussion of the advantages of standardized step-wise approaches for resilience building at the local level. Cities from the audience will be invited to share their experiences of using such approaches with a particular focus on challenges and needs on the one hand, and on positive results on the other. The focus will then move to the notion of developing a standardized approach to the whole process of creating an adaptation strategy. Greater Manchester will present its experience working with various administrative bodies within its territory and with infrastructure managers to apply tools supporting a standardized process of adaptation planning, specifically focusing on RESIN's co-creation process (10 min). TNO will give insights into the web-based tool (the e-Guide) they have developed to support this process (5 min). Tecnalia will share insights on working closely with cities in co-creation activities for resilience in collaboration with ICLEI Local Governments for Sustainability and hinting on relevant work from other projects like RAMSES and/or Smart Mature



Resilience. The main purpose of this contribution is to emphasize on the importance of co-creation; when cities are involved in the process of co-producing climate adaptation and resilience support tools, they will also be more prepared to adopt and use them to inform their policy making.

The discussion will then touch upon which aspects of resilience and climate adaptation building processes can be standardized into general process guidance. Participants will be invited to put forward examples of adaptation processes where standardization seems impossible, e.g. because they are so deeply embedded in other specific policies/developments, or because they are highly iterative. In addition the benefits of adopting a co-creational approach and the "golden rules" for successful co-creation will be discussed with the audience. In this way the audience will gain an understanding on how to successfully co-develop decision-making support tools for climate adaptation with cities and practitioners, combining findings developed by researchers with integrated management methodologies for climate adaptation. (30 min)

In the conclusion we aim to highlight the issues that have to be taken into account in standardizing urban climate adaptation processes. This will be carried forward as part of national and international discussions in standardization in urban climate adaptation (5 min).

**Guiding questions:**

1. What is the importance of standardized tools for supporting local decision making on resilience?
2. What is the current experience of cities with standardized tools for resilience planning?
3. Can the support provided by the RESIN tools in these cities be easily replicated in other cities around the globe?
4. What are the limitations of standardized approaches to local resilience? How should these be taken into account in the further standardization of support tools for cities?
5. How can cities set up a co-creation process for acquiring resilience knowledge and who should they involve in this process?

**CONTRIBUTORS**

- Facilitator *Peter Bosch, RESIN Coordinator, TNO, Utrecht, The Netherlands*
- Panelist *Eva Streberová, Climate Adaptation Expert, City of Bratislava, Bratislava, Slovakia*
- Panelist *Matt Ellis, Climate Resilience Officer, Greater Manchester Combined Authority, Bristol, UK*
- Panelist *Albert Nieuwenhuijs, Researcher, TNO, Utrecht, The Netherlands*
- Panelist *Daniel Lückerath, Researcher, Fraunhofer Institute for Intelligent Analysis and Information Systems, Sankt Augustin, Germany*
- Panelist *Efrén Feliu, Climate Change Manager, Tecalia, Derio, Spain*

**Further recommended reading**

RESIN website: <http://www.resin-cities.eu>