CASCADE
COMMUNITY SAFETY ACTION FOR SUPPORTING CLIMATE ADAPTATION

Funded by
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EU STRATEGY FOR THE BALTIC SEA REGION
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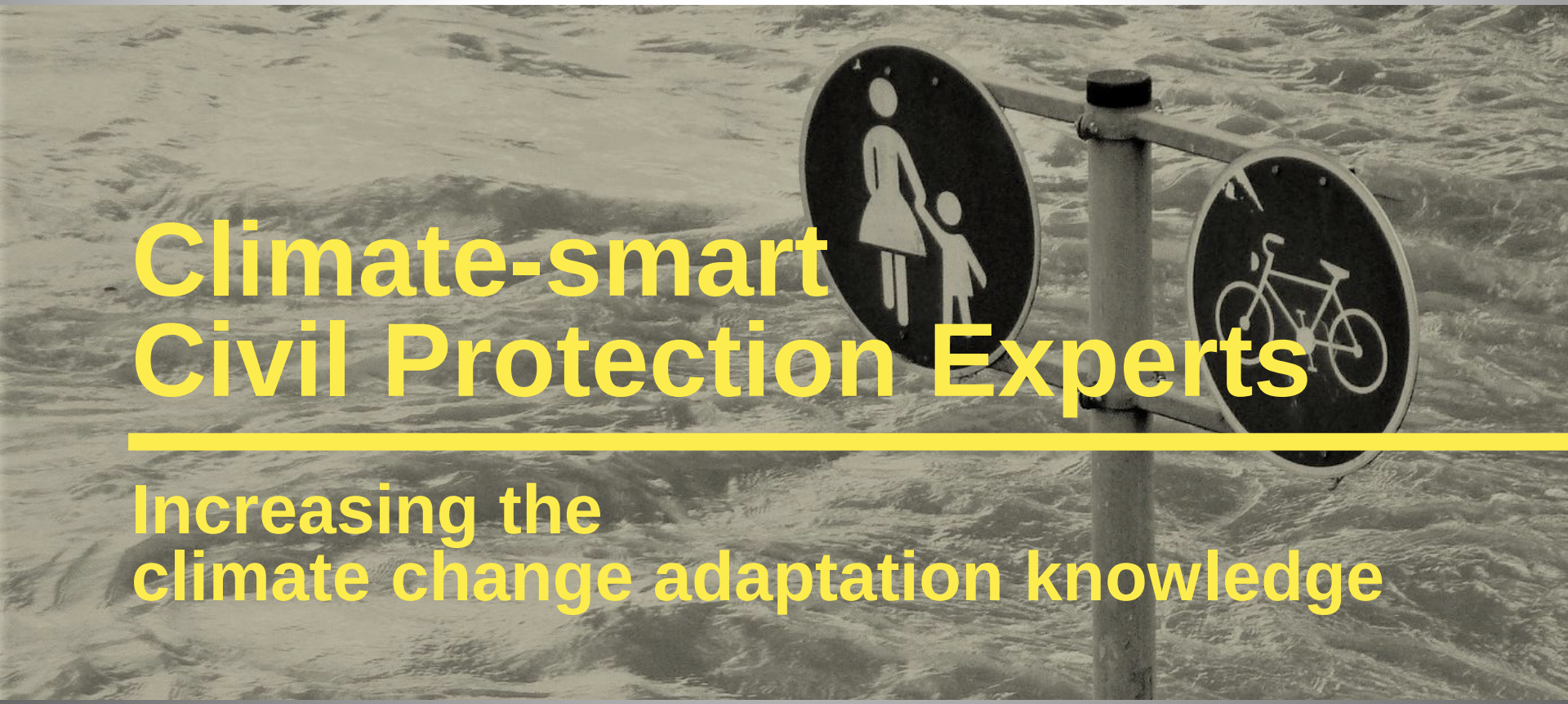

Climate-smart Civil Protection Experts

Increasing the climate change adaptation knowledge

UBC Webinar 30 March 2021

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Hamburg Fire and Rescue Service

The Effects of Climate Change

- Ongoing increasing of temperatures,
- Extended frost-free seasons,
- Changes in weather forecast patterns,
- More droughts and heat waves,
- More and stronger thunderstorms (e.g. hurricanes),
- Sea level rise,
- Melting of the Arctic and Antarctic ice shields,
- Heavy rain (coming along with floodings),
- Deglaciation (decline of glaciers),
- …

Sources: NASA Science

Consequences for humans and environment

- Increase in hunger and water crises,
- Health problems through rising temperatures and heatwaves,
- Economic implications of dealing with secondary damage related to climate change,
- Increasing spread of pests and pathogens,
- Loss of biodiversity due to limited adaptability and adaptability speed of flora and fauna,
- Ocean acidification,
- …

Sources: MyClimate Foundation

Question...

What experts (stakeholders) have to deal with Climate Change Adaptation?

Need for reaction and preparation

Raising awareness for

- Climate change and Climate change adaptation,
- Climate change related risk assessment,

For

- Authorities (ministries),
- Safety and security,
- First responders,
- City planners,
- Agriculture, forestry,
- Energy, Infrastructure, Tourism,
- Other relevant stakeholders, …

Need for adaptation in all areas

CASCADE Project

One possibly solution…

- To create a series of workshops for relevant experts

CASCADE Project - Partners

City of Turku	Finland (LP)
The Council of the Baltic Sea States Secretariat	Sweden
Swedish Civil Contingencies Agency	Sweden
The Main School of Fire Service	Poland
Hamburg Fire and Rescue Service	Germany
Union of the Baltic Cities / Safe Cities Commission	Latvia
Stockholm Environment Institute Tallinn	Estonia
Frederiksborg Brand och Redning	Denmark
Åbo Akademi	Finland

→ **9 Partners**

→ **7 Countries**

CASCADE Project – Target group

9 partners from 7 countries invited experts…

- From their own countries (and beyond),
- From different authorities etc.,
- From different levels…

… to take part in the „Train the Trainers Workshops“

CASCADE – Work Packages

WP0: Management and Coordination of the Action

WP1: Communication and Dissemination of project processes and results

WP2: Development of Guidelines on Integrated Climate Change and Disaster Risk response management

WP3: Capacity building on integrated climate change and disaster risk reduction (DRR) management

WP4: Initiating Policy Dialogue

CASCADE – WP3 Objectives

- Increasing the **knowledge and capacity of civil protection experts and city planners** by **developing training courses** in disaster risk reduction (DRR), including climate risk assessment and the Sendai Framework for DRR,
- Promoting the **implementation of the Sendai Framework** for DRR at the local level,
- Enhancing the **dialogue between the national and local level authorities and experts**,
- **Utilizing the risk management methodology** developed in WP 2.

Therefore, we developed the curriculum for the
Train the Trainers Workshops

CASCADE – Workshop content

- Introduction to Climate Change
- Introduction to Sendai Framework & Paris Agreement
- Policy Coherence and Practical Overlap
  Climate Change Adaptation and Disaster Risk Reduction
- Barriers to Climate Adaption and Climate Risk Assessment
- Understanding Disaster Risk
- Guideline for Integrated Climate Change and
  Risk Reduction Management
- Application of Theoretical Background and
  Disaster Risk Methodology

CASCADE – Workshop participants

First workshop

- With 52 registered participants,
- From Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Norway, Poland, Russia, Sweden,
- From Fire Services, Port Authorities, Academia, Ministries (e.g. Interior, Environment), Intergovernmental Organisations.

CASCADE – Workshop participants

Therefore, we

- Reached (some) relevant stakeholders,
- Raised their awareness for climate change related topics,
- Communicated knowledge in Climate Change and Disaster Risk Reduction,
- Hope that the achieved knowledge will be considered in the experts' daily work…

CASCADE and Sendai Framework

One final question:

Do you know your country's

Focal Point for the Sendai Framework

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Thank you for listening

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