

A large, faint version of the PLACARD logo graphic, consisting of three concentric curved arrows in light blue, yellow, and maroon, is positioned behind the title box and the speaker's name.

## ACTIVITIES IN THE FIELD OF CCA AND DRR PRELIMINARY RESULTS OF THE PLACARD PROJECT

Markus Leitner  
*Environment Agency Austria*

International Conference – Climate Change 2019  
Bratislava, 14. November 2019



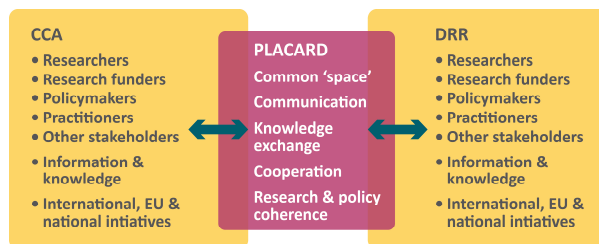
# PLACARD – PLATFORM FOR CLIMATE ADAPTATION AND RISK REDUCTION

## Main Goal:

Establish a coordination and knowledge exchange platform for multi-stakeholder dialogue and consultation between CCA and DRR research, policy and practice communities across scales

## How PLACARD aims to achieve this:

- provide a common ‘space’ where CCA and DRR communities can come together, share experiences and create opportunities for **collaboration**;
- facilitate **communication** and knowledge exchange between both communities; and
- support the **coordination and coherence** of CCA and DRR research, policy and practice.



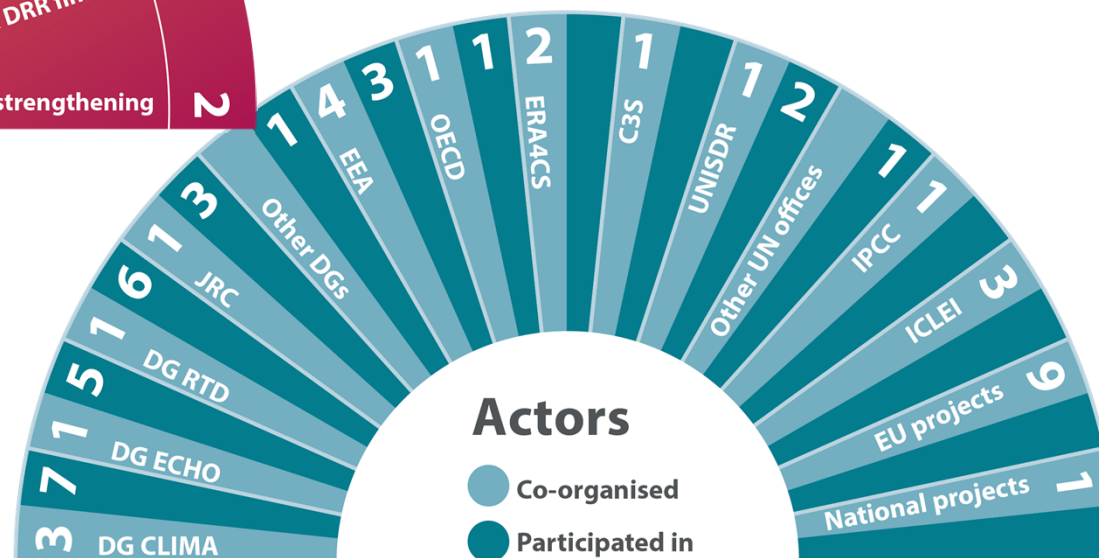


## A COMMON SPACE TO FACILITATE DIALOGUE AMONG DIFFERENT ACTORS

35 dialogues organised or co-organised with different actors focusing in different relevant topics for both communities



Different topics/areas have different needs in terms of harmonization between CCA and DRR. To make concrete and meaningful recommendations they need to be considered separately.



Which actors has PLACARD co-organised events and in how many PLACARD events they have participated?



# INFORMING KEY CCA AND DRR PROCESSES

## Concrete contributions to key CCA/DRR processes

RESEARCH PROGRAMMES	Horizon 2020	Public consultation	INTERNATIONAL INITIATIVES	
	Life+	Public consultation	IPCC AR6	Conference support
	Horizon Europe	Public consultation	IPCC 1.5 report	EC meeting
EU INITIATIVES	C3S	Workshop	POLICIES	
	ERA4CS	Workshop, webinar	EU Adaptation Strategy	Public consultation, Stakeholder workshop
	DRMKC	Session, report	ONLINE PLATFORMS	
	EFDRR	Session	Climate-ADAPT	Stakeholder webinar





## AREAS OF WORK

- Analysis of CCA & DRR actors
- Connectivity Hub
- SFDRR & adaptation and Paris Agreement & DRR
- Narrative recipe book
- Strengthening institutional coordination
- Foresight for policymakers
- Evolving issues brief 2016 and 2019
- ECCA 2019
- PLACARD legacy dialogues

<https://www.placard-network.eu/our-work/>



# RESULTS OF THE SOCIAL NETWORK ANALYSIS AT THE EU SCALE

- Climate-ADAPT scored best in 3 SNA metrics, **possibly best connector between CCA and DRR**

Table 1: Top 10 actors with regard to different SNA characteristics (metrics)

Rank	Characteristic	Having good and frequent communication with other actors in the network and vice versa (Degree Centrality)	Best assessment from other actors with regard to frequency and quality of communication (In-Degree)	Ability to connect CCA and DRR community (Betweenness Centrality)	Having connections to most popular <sup>1</sup> actors in the network (Eigenvector centrality)	Being a part of an in-group whose members are tightly connected to each other (Clustering coefficient)
1		Climate-ADAPT	DG <a href="#">Clima</a>	Climate-ADAPT	Climate-ADAPT, DG RTD	ENCA-CCA
2		DG RTD	EEA	DG RTD	<a href="#">DG Clima</a>	OPCC
3		EEA, <a href="#">DG Clima</a>	IPCC	<a href="#">DG Clima</a>	UNEP	PLANALP
4		UNISDR Europe	JRC	EEA	EEA, UNISDR Europe	ECRAN
5		IPCC	Climate-ADAPT, UNEP, <a href="#">PreventionWeb</a>	JRC	IPCC, IIASA, <a href="#">PreventionWeb</a>	PERILS
6		UNEP	UNISDR Europe, UNDP	UNEP	IFRC, UNISDR STAG	PREVIEW
7		<a href="#">PreventionWeb</a>	DG RTD, IFRC CC	IPCC	JRC	DRMKC
8		IIASA	DG ECHO, <a href="#">MunichRe</a>	UNISDR Europe	DG ECHO, <a href="#">SwissRe</a> , UNDP	<a href="#">MunichRe</a>
9		JRC	ICLEI Europe	<a href="#">EPANet</a>	JPI Climate	JPI Urban
10		UNISDR STAG,	PROVIA,	IIASA	<a href="#">MunichRe</a>	ICLEI Europe

<sup>1</sup> Popularity refers to the number of connections in the presented network.

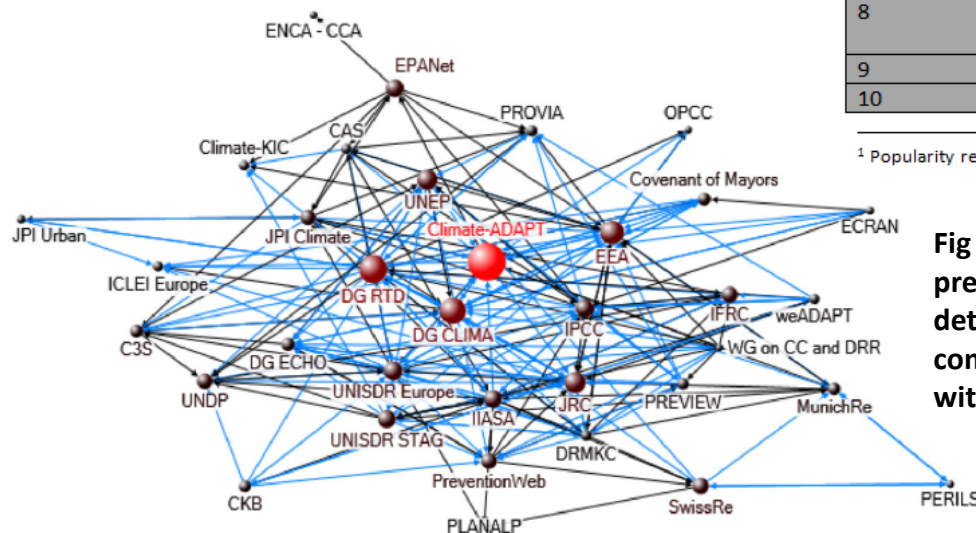
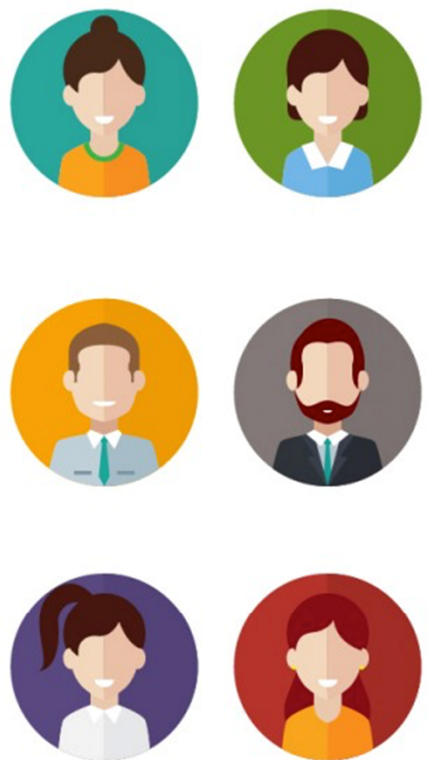
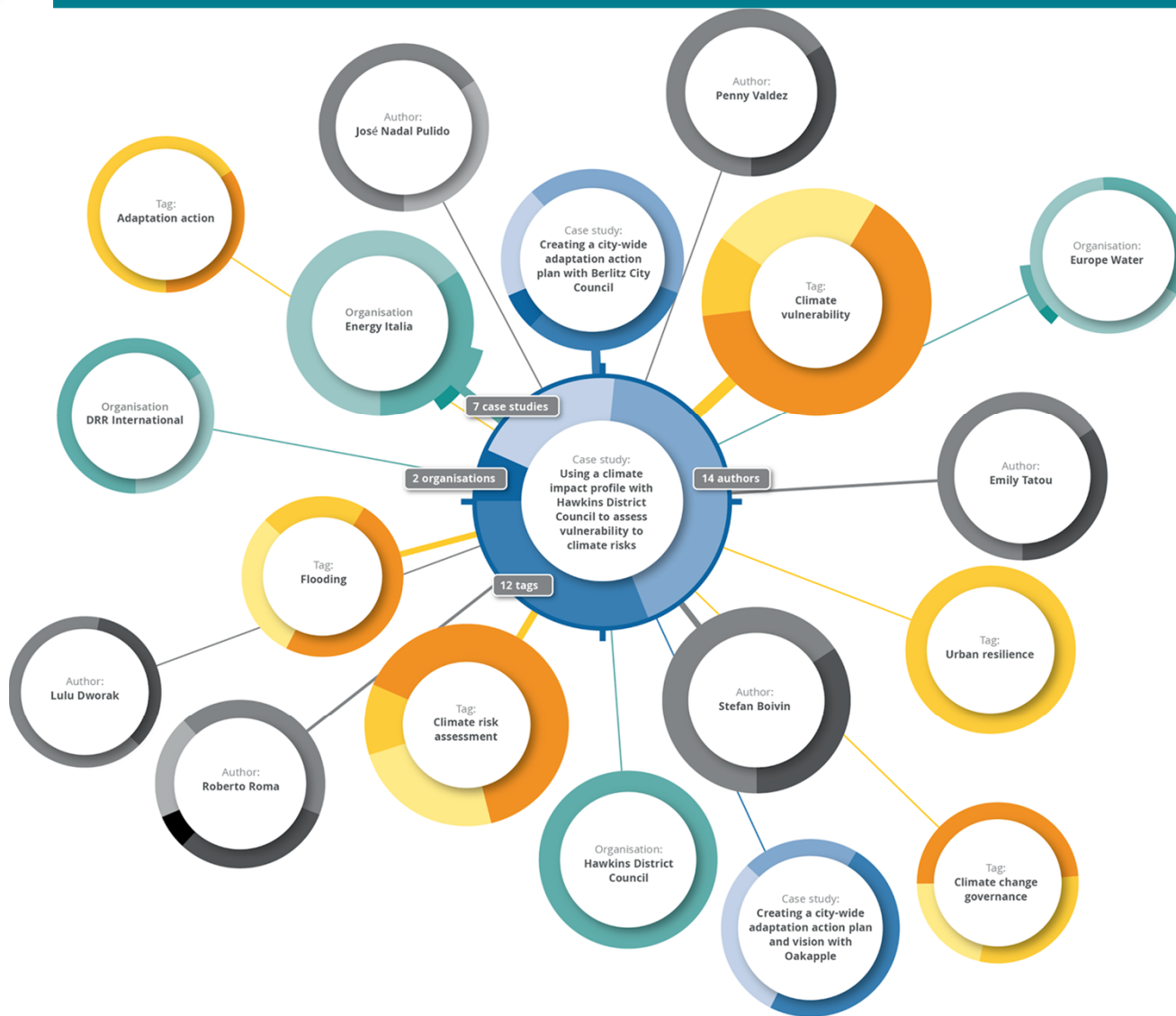


Fig 1. SNA based on intensive communication and collaboration, presenting betweenness centrality. Node size and colour are determined by the node's betweenness centrality value. Strong communication is represented with black and strong collaboration with blue edges.



designed by 

# CONNECTIVITY HUB - A “SEARCH & DISCOVERY” TOOL





# TAGGING ONLINE CONTENT



**Case studies**

## Wetland adaptation in Attica Region, Greece (2016)

The strategy and action plan for the wetland ecosystems in Attica Region (Greece) were developed in the OrientGate project by the Environmental Department of Attica Regional Authority with the scientific support of the Greek Biotope Wetland Centre (EKBY). Based on projections of future drought episodes, as well as on information from operational programmes and actions that are in progress or scheduled by various institutions and organisations, the strategy sets the vision and commitment to conservation and adaptation to climate change of the Attica's wetlands to increase its resilience and reduce biodiversity loss, while making better use of ecosystem services.

The strategy is built on seven axes under which measures with specific priority actions have been determined: the Attica Wetland Action Plan. This strategy also includes some over-arching elements: sustainable management and restoration of wetlands; their interconnection in a "green arc"; the evaluation of the services provided; awareness raising and environmental education in biodiversity and climate change, and citizen participation. The Attica Regional Authority drafted a road map to promote the implementation of selected actions of the Plan under the new National Strategic Reference Framework 2014-2020 or under other funding sources. From September 2015, a project entitled "Improving knowledge and increasing awareness for wetland restoration in Attica Region" is already implementing priority actions".

→ **Case Study Description**

- Challenges
- Objectives
- Adaptation Options Implemented In This Case
- Solutions
- Importance and Relevance of Adaptation

→ **Additional Details**

- Stakeholder Participation
- Success and Limiting Factors
- Costs and Benefits
- Legal Aspects

### Case Study Illustrations (5)



### Case studies Documents (2)

Brochure in English  
Brochure in Greek

### Keywords

Connectivity, green infrastructures, protected areas, wetland, wetland action plan, wetland adaptation strategy

### Sectors

Biodiversity, Coastal areas, Water management

### Climate impacts

Droughts, Extreme Temperatures

### Governance level

Sub National Regions

### Geographic characterization

Europe

### Macro-Transnational region:

Balkan-Mediterranean, Mediterranean

### Biographical regions:

Mediterranean

### Countries:

Greece

### More documents tagged

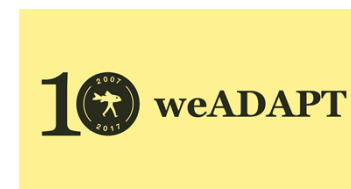
- CLIMATE CHANGE
- DISASTER RISK MANAGEMENT
- ENVIRONMENT & ECOSYSTEMS
- FOOD SECURITY & AGRICULTURE
- RISK IDENTIFICATION & ASSESSMENT
- FLOOD
- INSECT INFESTATION
- UNITED KINGDOM

## Risk Assessment 2017



PUBLICATION DATE  
2016

NUMBER OF PAGES  
79 p.



### Theme



#### Adaptation Decision Making

Sharing methods, tools and approaches for adaptation decision-making.

[Explore Theme](#)

- climate change adaptation
- cold spells
- Computer security
- Cyberwarfare
- Disaster\_Accident
- elderly
- Environment
- floods
- Heat wave
- Indicator mapping
- mapping vulnerability
- Northern Europe
- planning
- risk
- Security
- Severe weather
- Social vulnerability
- Spatial data analysis
- storms
- vulnerability
- vulnerability assessment
- Vulnerability Indication
- weather



# PLACARD CONNECTIVITY HUB

<http://connectivity-hub.placard-network.eu>







# European Climate Change Adaptation conference

28–31 May 2019 | Centro Cultural de Belém, Lisbon

ECCA2019 brought together researchers, policymakers and practitioners

to discuss recent advances in climate change adaptation (CCA) and disaster risk reduction (DRR) research, policy and practice, and

aimed to inspire collective climate action.

Conclusion: ➔ **Integrated action needs to happen now!**



@ECCA2019





## Key areas - Summary

<https://www.ecca2019.eu/wp-content/docs/ECCA2019-conference-summary.pdf>

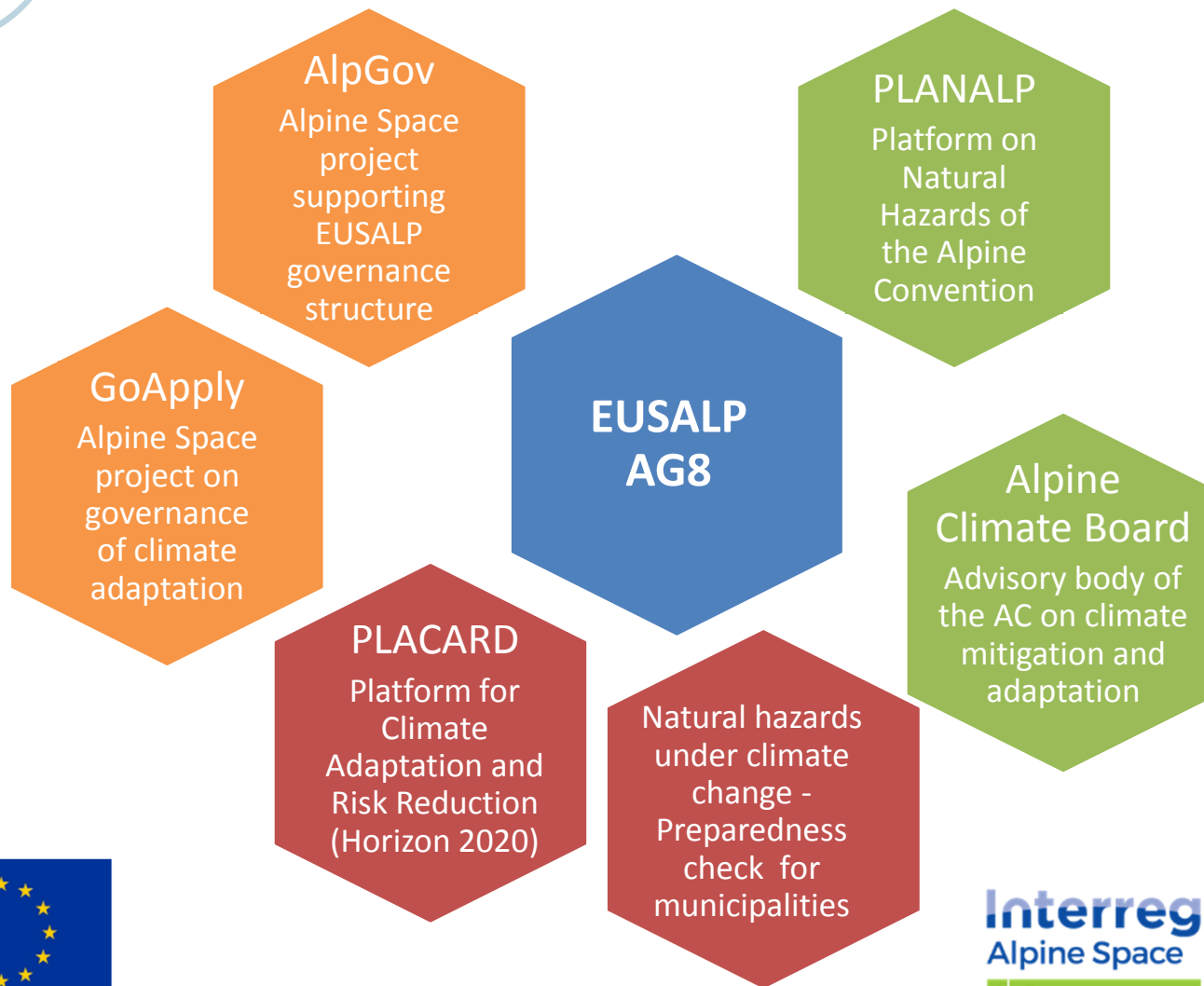
- Be inclusive
- Focus on integrated approaches and solutions
- Better linking CCA and DRR
- Make data more accessible
- Keep improving communication and a common language
- Metrics and indicators – but realistic
- Adaptation, risk reduction & mitigation are urgent
- Societal engagement, young people, climate change and disasters
- Arts and climate change



@ECCA2019



# NO ACTION GROUP IS AN ISLAND...







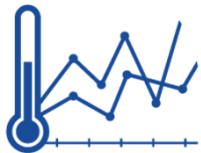
**EUSALP** EU STRATEGY FOR THE ALPINE REGION

[www.alpine-region.eu](http://www.alpine-region.eu)



## **EUSALP Action Group 8**

**To improve risk management and to better manage climate change, including major natural risks prevention**



**Interreg**  
Alpine Space  
AlpGov  
EUROPEAN REGIONAL DEVELOPMENT FUND



# CURRENT WORK PLAN OF AG8



## Risk Governance

- Mapping and analysis of status quo for Alpine natural hazards (report)
- Comparative study on the management of residual risk / overload cases (report)

Paving the ground for shared risk governance policies regarding Alpine natural hazards



## Adaptation to climate change

- Mapping and comparing of climate adaptation governance systems in Alpine countries (report with good practice examples and recommendations)
- Climate Change Adaptation Platform for the Alps (CAPA)

Paving the ground for shared adaptation governance policies



## Mainstreaming climate adaptation & risk management

- Promoting closer alignment of governance mechanisms in climate adaptation and natural hazard management
- Implementing interface module on CAPA

Supporting synergies between risk management and climate adaptation

# Natural hazards under climate change



## Preparedness check for municipalities

Developed by **Working Group “Self-Responsible Risk Precaution”**

(→ case study and good practice example in GoApply)

*Working group installed in 2017 to strengthen risk preparedness of municipalities, incl. in their role as multipliers to private actors*



 Bundesministerium  
Nachhaltigkeit und  
Tourismus

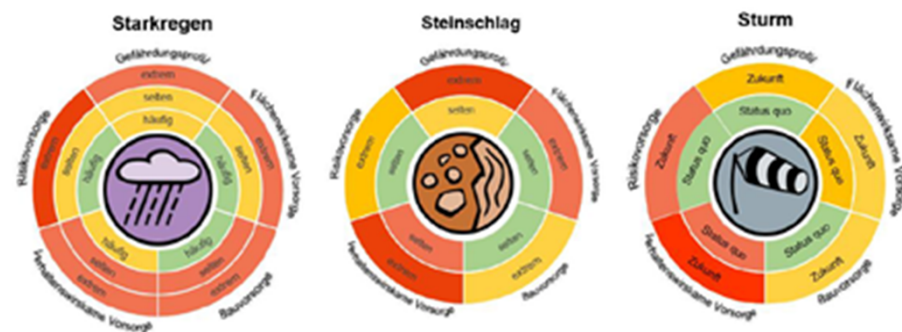


# THE CHECK TOOL

Federal Ministry  
Republic of Austria  
Sustainability and Tourism

## ‘Natural Hazards Check Climate Change’:

- Integrated coverage of weather- and climate-driven hydrological, gravitational, and meteorological hazards
- 33 indicators to evaluate level of municipal risk preparedness in 5 assessment fields: i) hazard & risk profile and precaution measures with regard to ii) land use, iii) construction, iv) behaviour, and v) risk precaution
- Not an audit system in the strict sense, but rather voluntary sensitisation and counselling instrument
- To be applied by 2 qualified external “check coordinators” (one with background in natural hazards, one in climate adaptation) together with up to 10 municipal decision-makers during a 2 days on-site visit
- Evaluation report with indicator profiles, traffic light scales, diagrams and proposed measures



# SEQUENCES OF THE CHECK

 Federal Ministry  
Republic of Austria  
Sustainability and Tourism



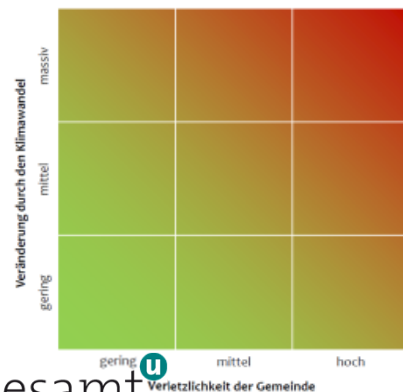
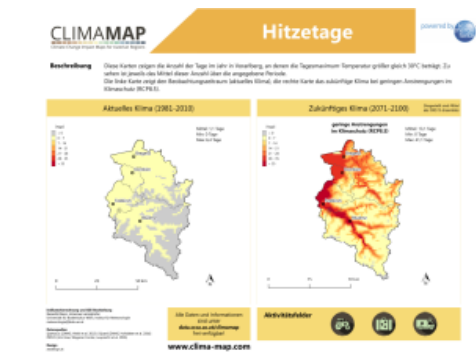
Discussion of relevant natural hazards in the municipality

Risk profiles for relevant natural hazards (Status quo)

Future development

Location in the natural hazard matrix (vulnerability of municipality + changes in hazard potentials due to climate change)

Focussing on natural hazards with high relevance



A large graphic of three concentric circular arrows in light blue, yellow, and maroon, with arrows indicating a clockwise flow, positioned behind the contact information.

## CONTACT & INFORMATION

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International Conference – Climate Change 2019

Bratislava, Slovakia ● 13.-15.11.2019