

Disaster Resilient Societies (DRS)

Improving citizen's risk
perception in the face of
emerging trends

Ambitions from H2020 R&I

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Karsten Uhing (Fraunhofer IML)



Core Elements of H2020 DRS-01

Understand

1

Link between individual and collective behaviour and resilience.

2

Role of new technologies, their influence and use on resilience and risk governance.

Risk perception and behaviour as across-cutting function

Develop inclusive approaches

3

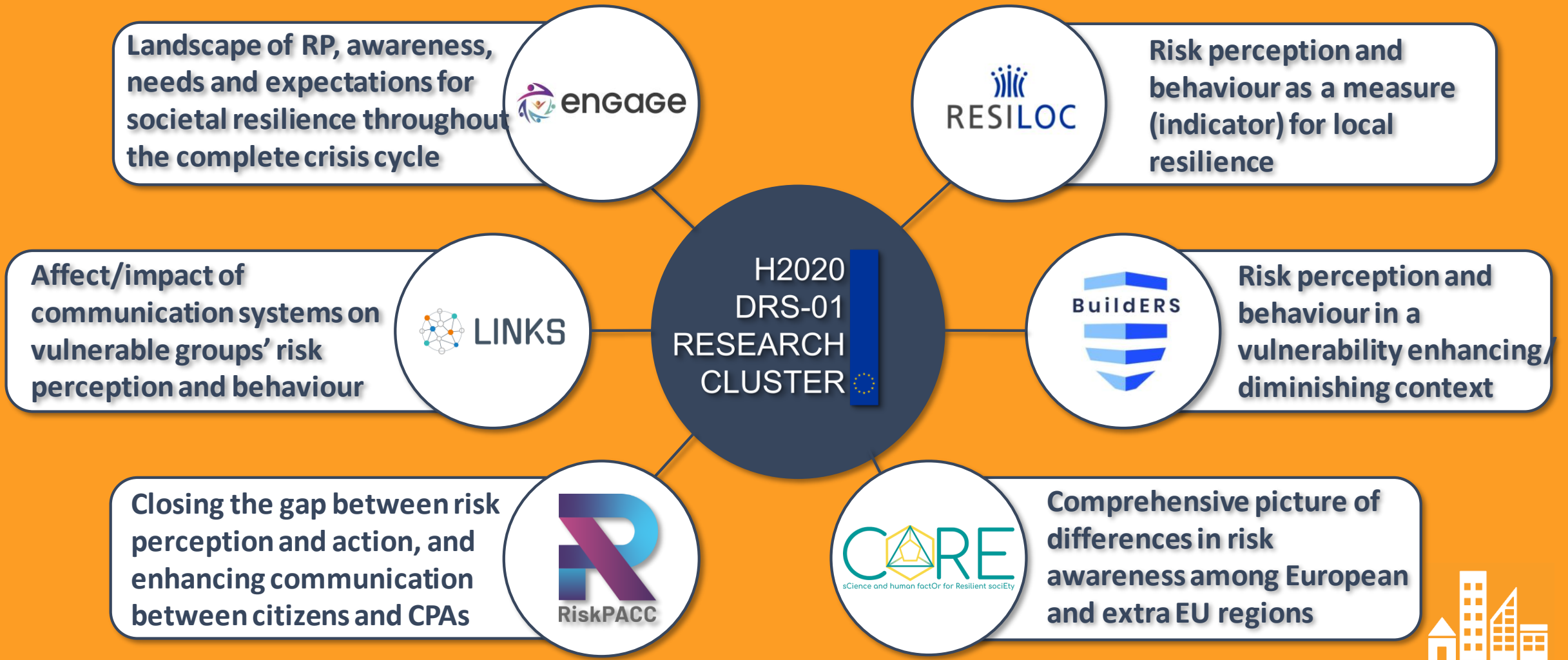
Involve citizens and local stakeholders in building resilience strategies and risk governance

Recommendations towards

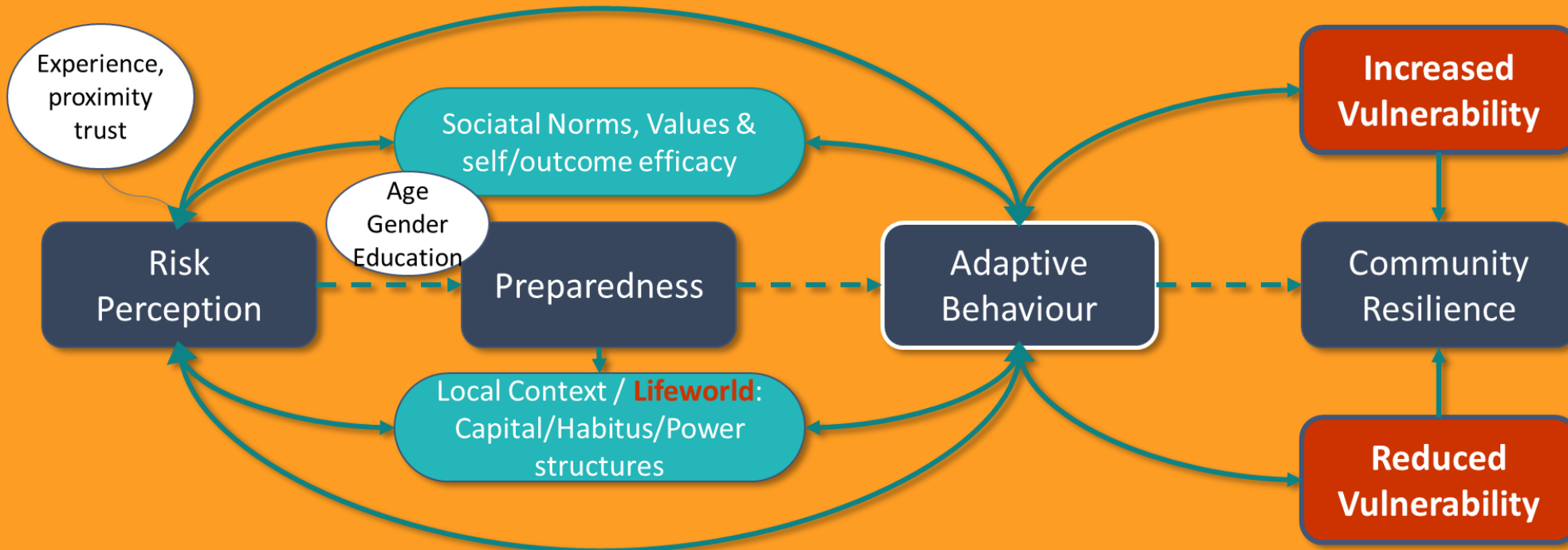
decision-makers at different levels to facilitate the building of disaster resilient societies (citizens) in the EU and in line the with the Sendai FWA



Research on risk perception in DRS-01 Projects

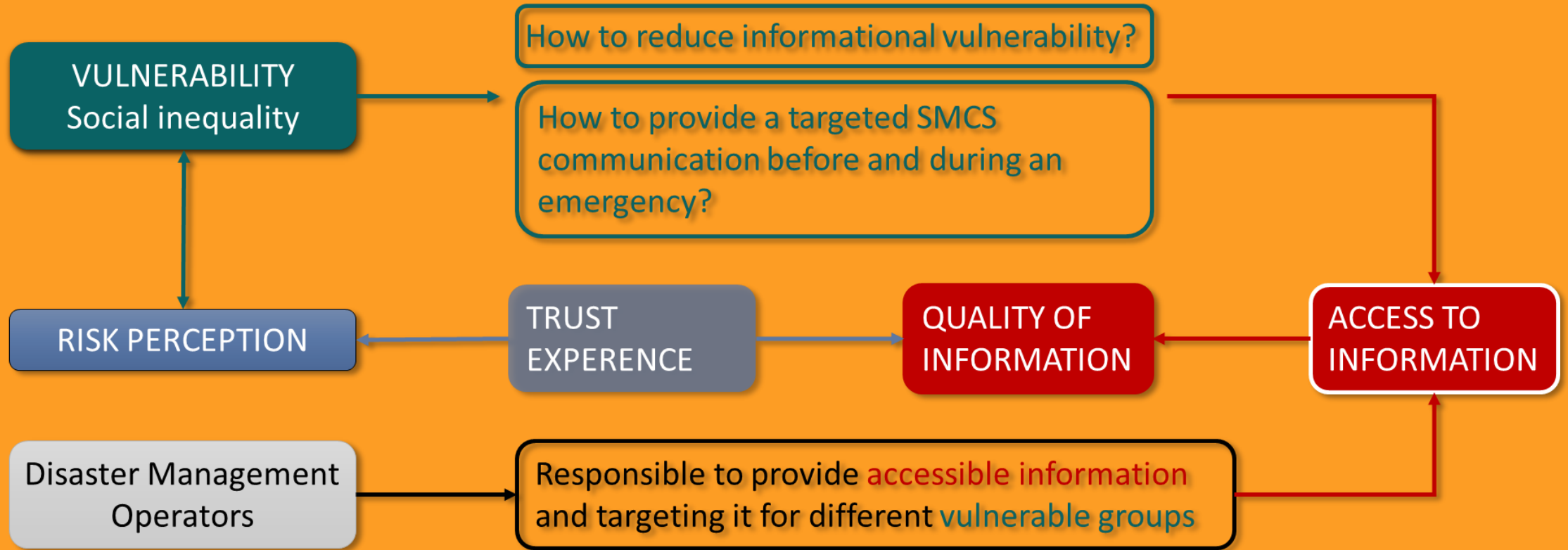


RESILOC Community-based adaptive behaviour model of resilience (2022)



The lifeworld of citizens affects their risk perception dynamically! **CPAs need to monitor/ motivate adaptive behaviour** to increase community resilience.

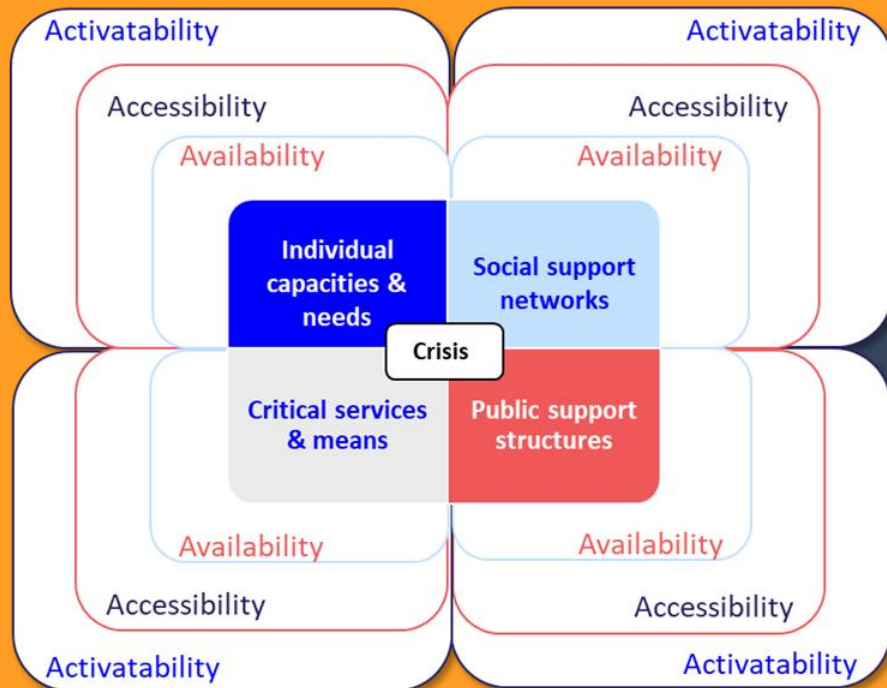




Work on how to manage the social media communication along the DMC is a first step to ensure, improve and strengthen the societal resilience.



Risk awareness and behavior among socially marginalised and homeless

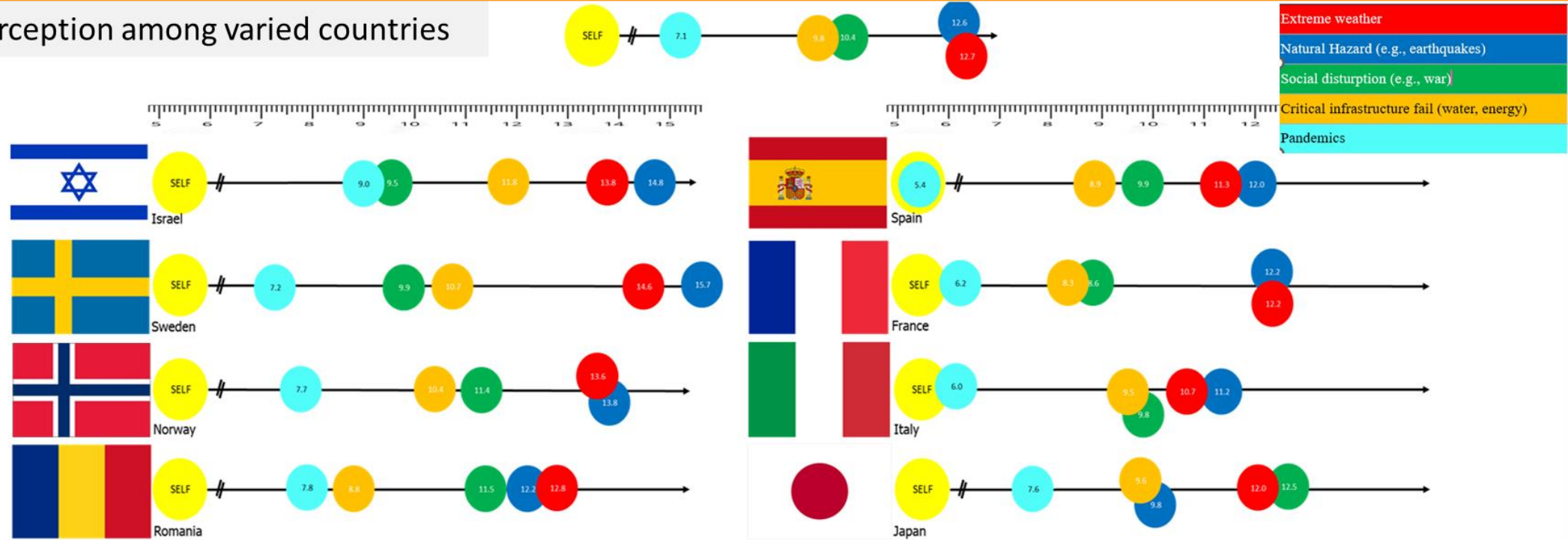


- **Availability** of communication networks and individual capacities
- **Accessibility** of informal or formal support to interpret & act upon info
- **Activating** protective measures and support following autonomous decision and trust

Reacting upon crisis information depends on **availability of communication, accessibility of support** and **the activation of autonomous decisions and trust**.



Risk perception among varied countries



22

Trust in authorities & first responders was found to be the best predictor of societal resilience.



There is a strong positive correlation between trust and risk perception! →

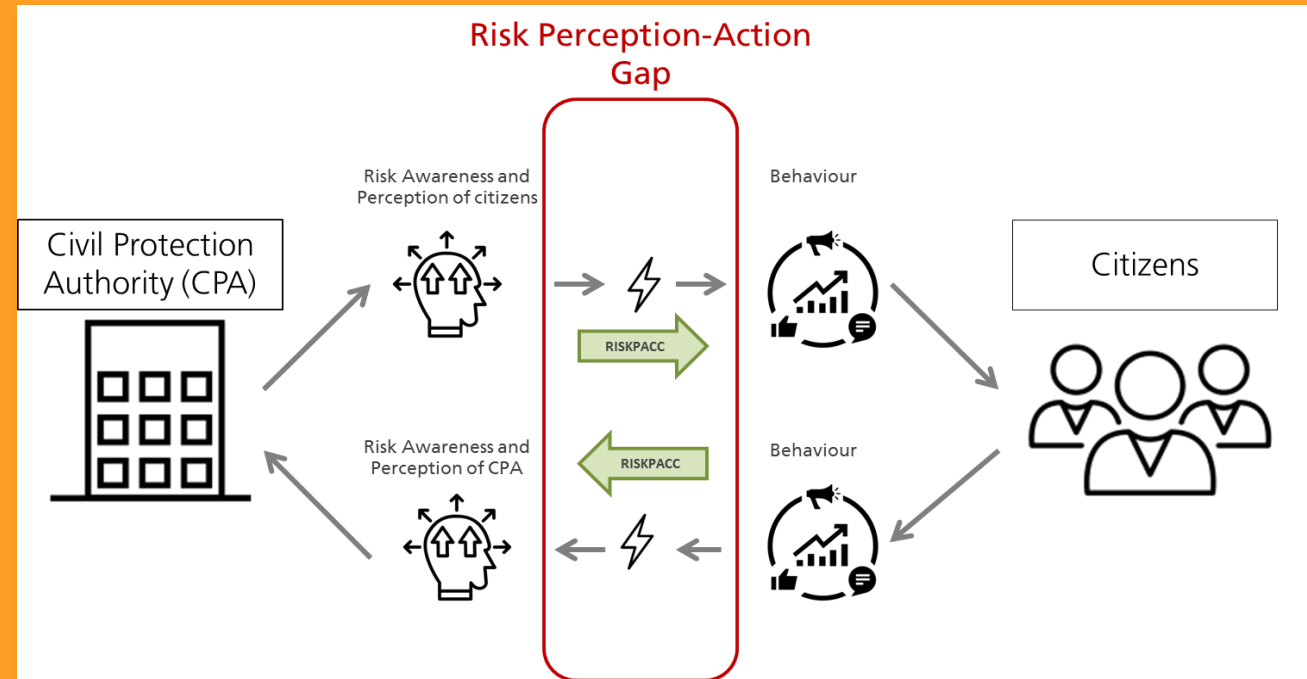
Please support the research ahead !



Acceptance, scientific consensus, public debate and how **institutions are trusted** is very relevant in building societal resilience. To keep people engaged with CPAs is a key aspect for DRR.



- Misalignment between the risk perception of citizens and their subsequent actions
- Risk perceptions of CPAs and citizens differ
- Misalignment between citizens' response and what CPAs expect citizen action should be
- Misalignment between CPAs' response and what citizens expect CPAs should do
- **Communication between CPAs and citizens can be complicated due to unmet expectations**
- **Need to equalize these misalignments**



Misconceptions & misalignments in views, cause a lack of understanding/trust between citizens and CPAs. Fostering inclusive collaboration and two way communication can **bridge this gap**.



Conclusion: 4 Points from DRS-01 (interim)

To better address new emerging risks CPAs and local governance structures are recommended to:

1. focus on citizens **adaptive behaviour** as an indicator for increasing/decreasing local disaster resilience.
2. consider individual judgments and capacities, the availability and **accessibility** of information and support structures that foregrounds such **adaptive behaviour**/response.
3. ensure **accessibility** of information, giving attention to **quality information, trust** and **level of experience** of the audience through appropriate risk communication, based on transparency, accuracy, simplicity & timing. (using new tools like SMCS).
4. reduce the risk perception action gap through **co-creation** of DRM solutions and **two way communication** where appropriate.



Thank you for your attention !

From what to how? Please contact us for further information.

Project	Contact	Contact
RESILOC	Karsten Uhing karsten.uhing@iml.fraunhofer.de	Thomas Spielhofer T.Spielhofer@tavinstitute.org
BuildERS	Kati Orru' Kati.Orru@ut.ee	Tor-Olav Nævestad Tor-Olav.Naevestad@toi.no
ENGAGE	Bruria Adini adini@netvision.net.il	Alberto Pasquini alberto.pasquini@dblue.it
LINKS	Sara Bonati sara.bonati@unifi.it	Nathan Clark n.e.clark@vu.nl
Risk PACC	<u>Selby Knudsen</u> < Selby.Knudsen@trilateralresearch.com >	Vollmer, Maike maike.vollmer@int.fraunhofer.de
Core	Paolo CAPUANO pcapuano@unisa.it	Raffaella RUSSO rarusso@unisa.it

