

# Risk Informed Urban Development (RIUD)

**First Working Group Meeting, 16/03/22**

Karl-Heinz Gaudry, Ricarda Meissner, Jimmy Yoedssel

Moderation: Vani Moodley

GIZ SV Connective Cities (CC)

GIZ GV Global Initiative on Disaster Risk Management (GIDRM)

Joint working group: Risk Informed Urban Development

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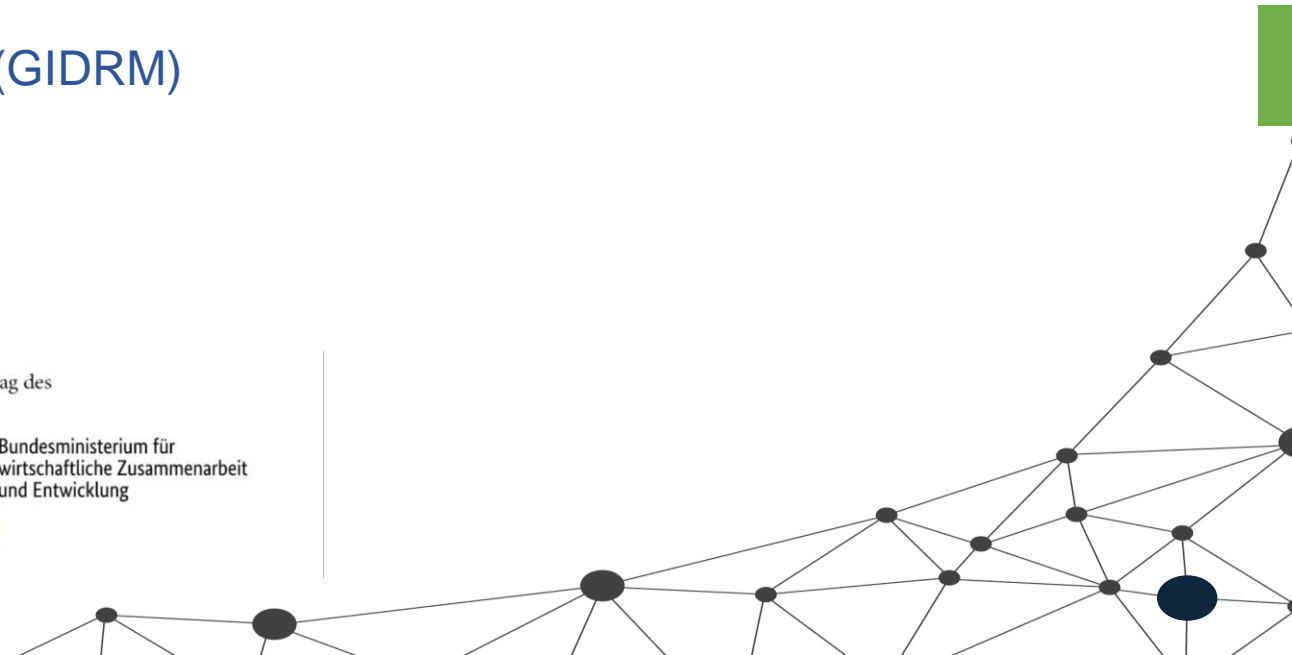
Partner von Connective Cities



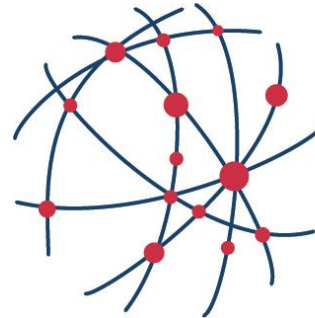
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Im Auftrag des



<b>Time (CET)</b>	<b>Description</b>	<b>Facilitator</b>
10:00 – 10:10	Welcoming remarks: GIZ Connective Cities and Global Initiative on Disaster Risk Management	Ms. Ricarda Meissner Dr. Karl-Heinz Gaudry
10:10 – 10:20	Introduction to the WG on Risk-informed Urban Development: Scope, objectives and phases	Dr. Karl-Heinz Gaudry
10:20 – 10:25	Structure of the moderation approach and technical expertise available	Ms. Vani Moodley
10:25 – 10:50	Complete scoping of Flood Risk Management Project HKC Flood Competence Centre	Mr. Georg Johann
10:50 – 11:45	Guided discussion and exchange	Ms. Vani Moodley
11:45 – 11:55	Highlight the learning points from the discussion and exchange	Mr. Jimmy Yoedssel Dr. Karl-Heinz Gaudry Ms. Vani Moodley
11:55 – 12:00	Closure and way forward	Ms. Vani Moodley



# GI:DRM

Global Initiative on  
Disaster Risk Management

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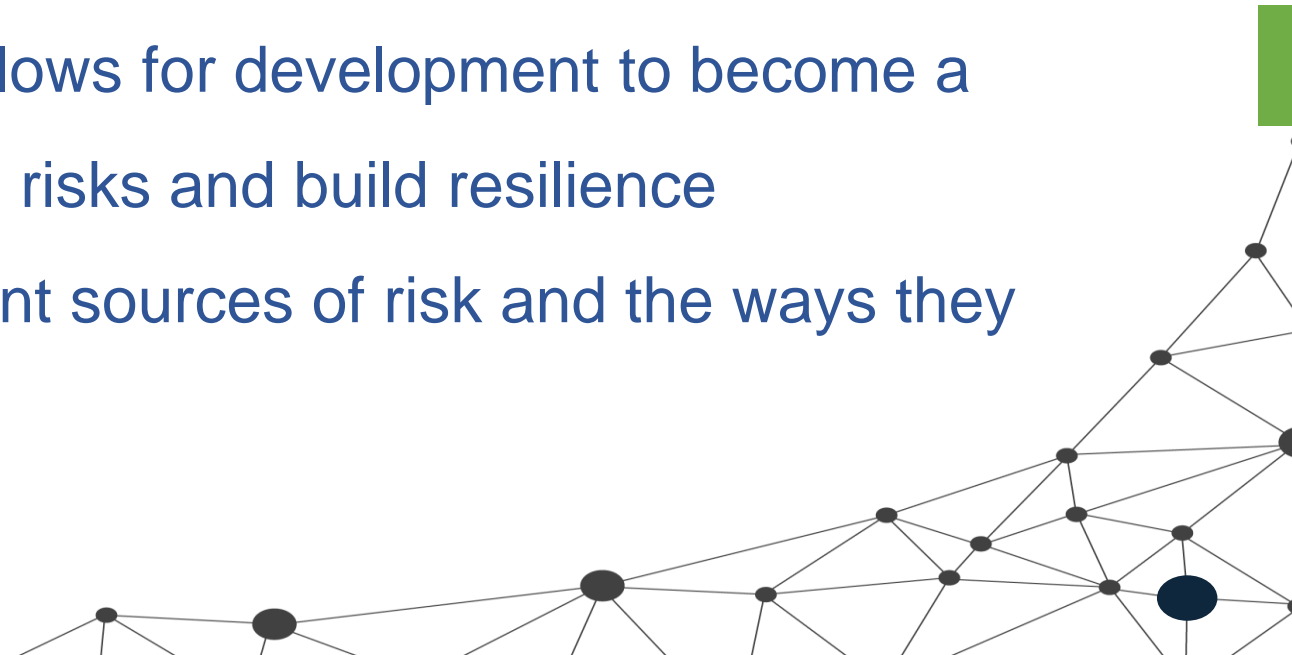


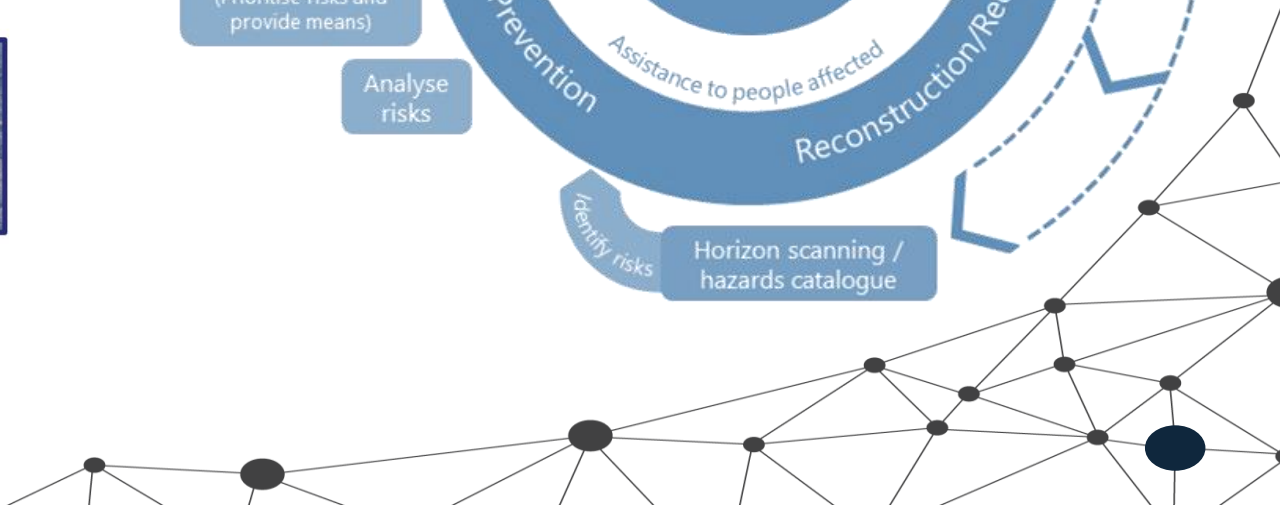
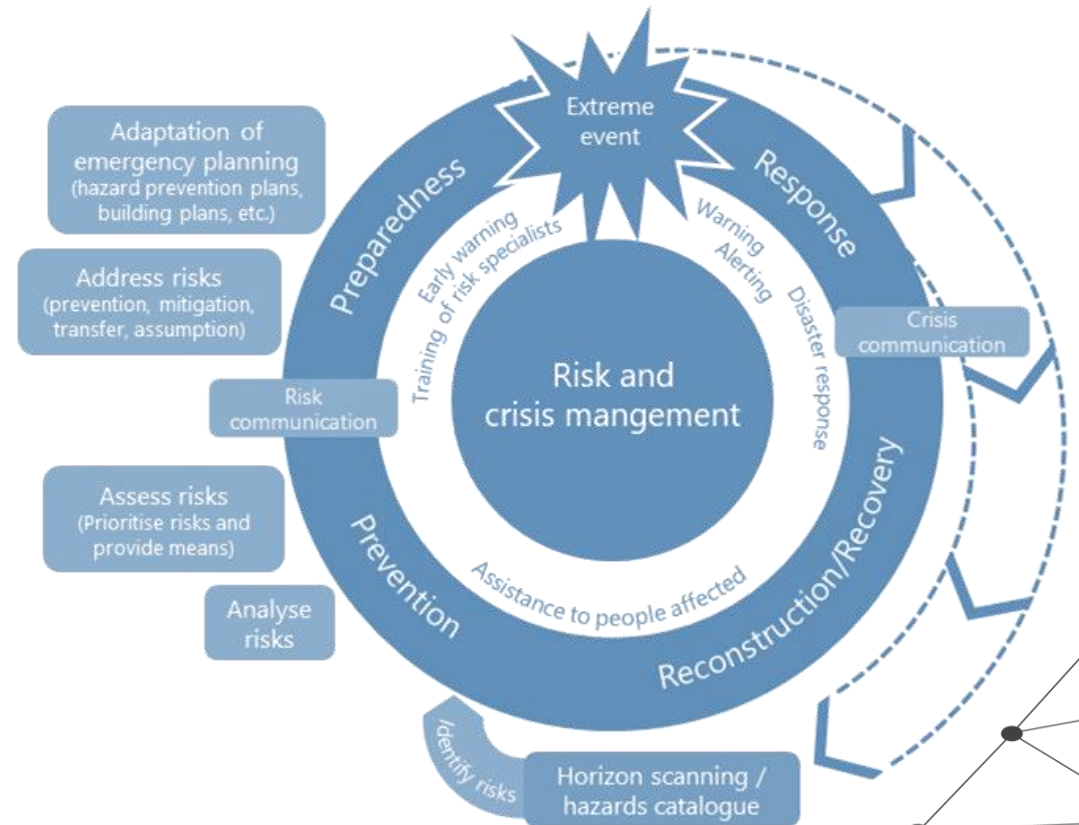
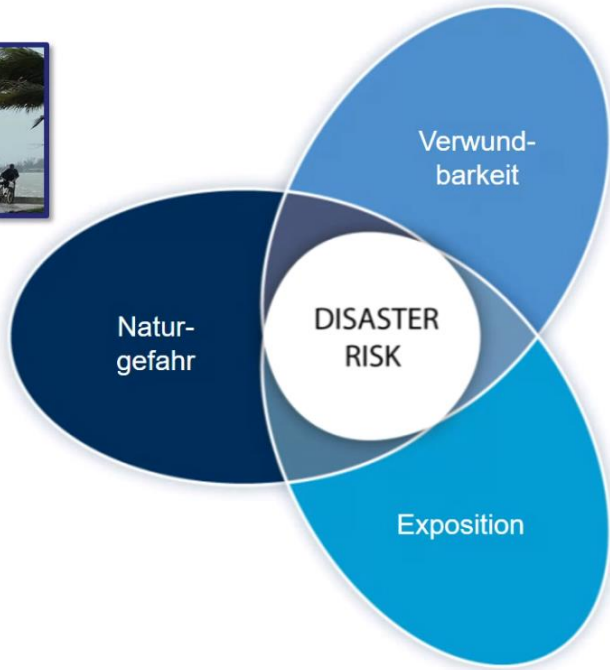
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- Decision-making needs to consider the interconnections between risks in an increasingly changing world.
- Decision-makers need to consider multiple hazards and risks in urban decision-making
- Risk-informed urban development allows for development to become a vehicle to reduce risk, avoid creating risks and build resilience
- RID considers multiple and concurrent sources of risk and the ways they may interact in complexity





## Objective

To contribute to the identification of concrete project ideas for early-stage technical assistance on RIUD and climate change adaptation context-specific to Southern Africa.

To assist in developing scalable and/or replicable solutions, good practices, discussion and peer to peer exchange while building up a network of cities, addressing flooding and extreme rainfall events, water and wastewater management and adaptation to climate vulnerabilities to build up resilience.





## Core RIUD-WG

- **Network of cities**
  - Bonn (DE)
  - Cape Town (SA)
  - Chililabombwe (ZA)
  - Dortmund (DE)
  - Durban (SA)
  - Kinshasa (DRC)
  - Kisumu (KE)
  - Manzini (SZ)
  - Marromeu (MZ)
  - Maseru (LS)
  - Mbombela (SA)
  - Quelimane (MZ)
  - Windhoek (NA)
  - Zomba (MA)
- **Academia:**
  - UFS-DiMTEC
- **IGO:**
  - SADC-DRR Unit

*Focus on improving municipal level adaptive capacity against flooding and extreme weather events*

## Risk-based decision frameworks

- Moderated exchange -

### Risk-informed development as a process

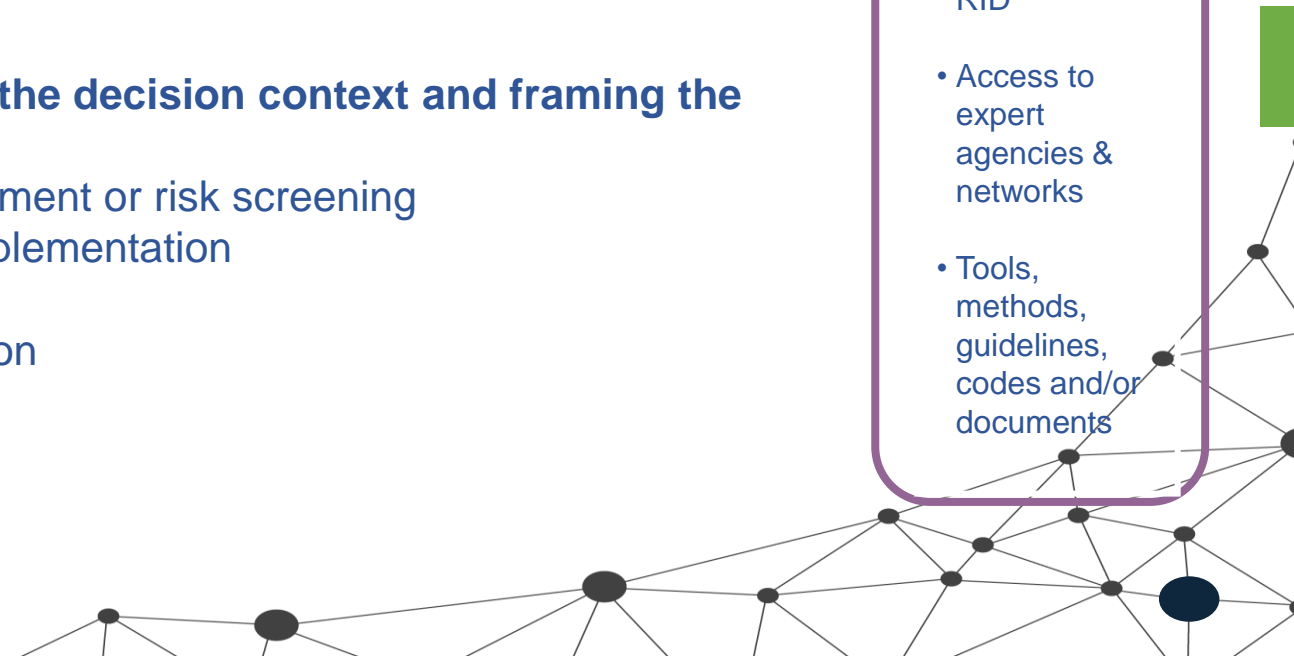
Roadmaps to guide decision-makers  
Steps for integrating risk into development planning:

- **Scoping: understanding the decision context and framing the development decision(s)**
- Risk appraisal, risk assessment or risk screening
- Options appraisals and implementation
- Monitoring and evaluation
- Communication and iteration

## Outputs



- Peer to Peer exchange
- Insight on good practices of RID
- Access to expert agencies & networks
- Tools, methods, guidelines, codes and/or documents



## Further expected outputs:

1. Evidence-based arguments for crafting messages to encourage the implementation of RIUD have been developed
    - City champions on RIUD, risk governance, communication and awareness raising has increased their media exposure
  2. Applying to financing mechanisms for RIUD from different sources has become familiar
    - At least on “Expression of Interest” as prefeasibility financing proposal to the CCGF has been prepared and submitted
  3. Network with other local authorities to collaborate on common challenges for RIUD has ignited
  4. Fields of action for actors like academia, State, civil society, media, and the private sector have been identified
    - Obtaining certificate of commitment to DRR and Resilience by UNDRR has been enabled
    - Deeper insight into the New Leipzig Charter (2020) has been promoted
  5. Guidelines, recommendations, tools and methods for action and/or toolkits for RID/RIUD have been made available
    - Flow-charts and/or interdependency trees for RIUD on coordination with administrative units and levels have been mapped
    - Detailed constructive & NbS (household/neighborhood/city/etc. level) have been collected and shared (adaptive capacity)
    - Handouts on improving preparedness and response mechanisms have been published
- **Capacities and skills of decision-makers in Southern Africa and Germany have been enhanced to enable risk-informed development**

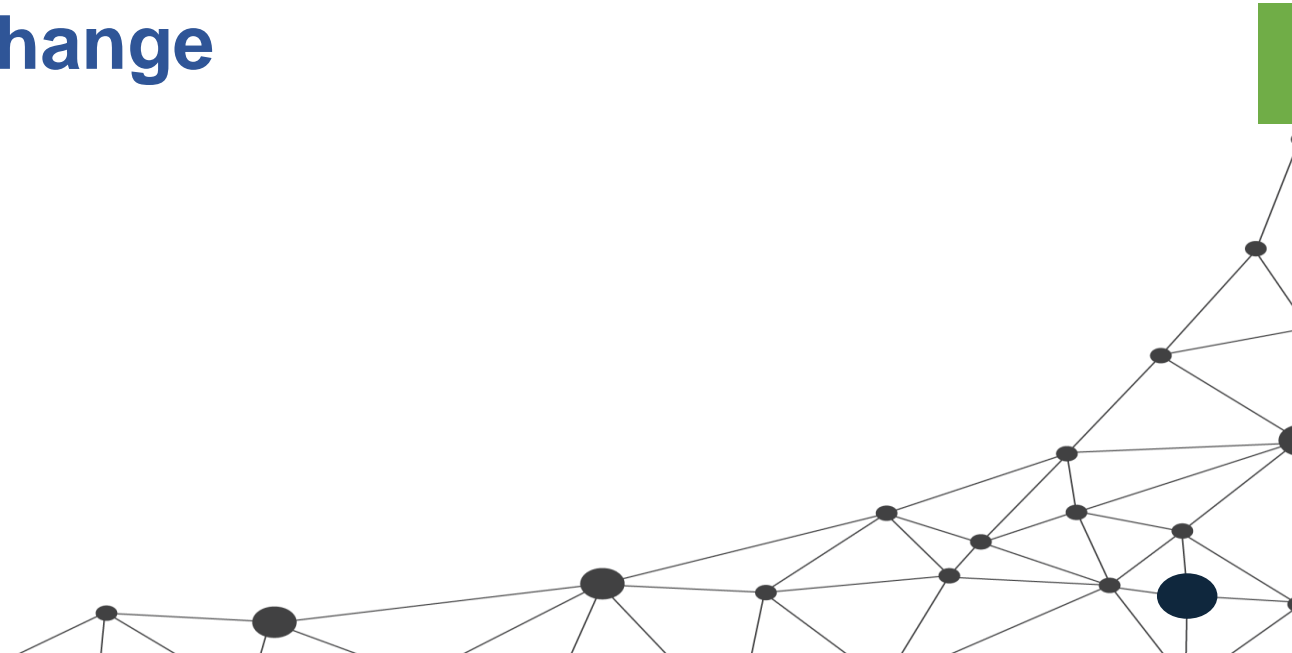


## Discussion points

- Has your city lived through a disaster due to extreme rainfall | flooding?
- How were the (multiple) risks mitigated?
- Which aspects emerged as for increasing preparedness and prevention?



# Key learning points from the discussion and exchange



## Closure and way forward

### Phase “Scoping”:

- Critical stakeholders will be identified along a city that will be impacted by one hazard and its possibly unfolding consequences.
- Initial threats of concern will be identified, and risk tolerances around those threats explored.
- Screening of policy priorities, legal and institutional frameworks, capacities, and resources.
- Identify who has the mandates and capacities to carry out specific steps – risk appraisal, implementation, monitoring, and evaluation.
- What proposed actions can mitigate the hazard?
- Is there reliable data and enough time to prepare for the next hazard?

Dates: 16, 23, and 30 March 2022 (3 sessions)


### Risk-based decision frameworks

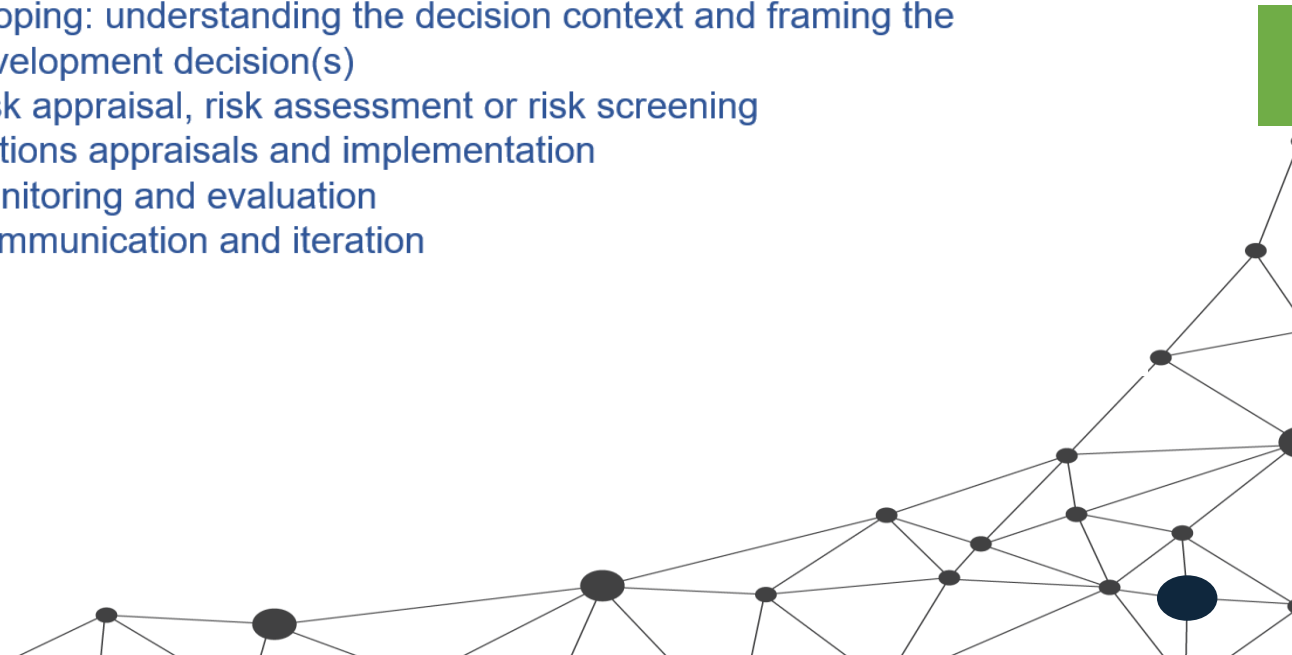
– Moderated exchange –



Risk-informed development as a process

Roadmaps to guide decision-makers  
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## Discussion points

- What is the problem and what are the threats stemming from a hazard?
- Which stakeholders think such hazard(s) are a problem? | Mapping institutional organigram and interconnections.
- Which legal institutions or governance structures are in place?
- Why do you and stakeholders think this hazard is a cause of concern?
- What are the available sources of funding, resources, and capacities?
- What proposed actions can mitigate the hazard?
- Is there reliable data and enough time to prepare for the next hazard?

# Thank you very much for your attention!

<https://community.connective-cities.net/en/group/154/stream>

Request to join

GIZ SV Connective Cities (CC) / Community of Practice for Sustainable Urban Development  
GIZ GV Global Initiative on Disaster Risk Management (GIDRM)

## Joint working group: Risk Informed Urban Development (RIUD)

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[www.connective-cities.net](http://www.connective-cities.net) // <https://www.gidrm.net/en/gidrm>

Partner von Connective Cities



Im Auftrag des



Bundesministerium für  
wirtschaftliche Zusammenarbeit  
und Entwicklung

## Insight moments along the MCR 2030 Roadmap

### Open-access tailored modules as input/presentation

#### Cities know better – Enhancing understanding on risk reduction and resilience

- Expert input/presentation a
- E.g. Adaptation and resilience: new principles in spatial planning
- E.g. Taking the naturalness out of “Natural Disasters”

#### Cities Plan Better – Improving capacity for assessment and diagnostic skills, and aligning local, regional and national strategies on DRR

- Expert input/presentation b
- E.g. Cascading effects in critical infrastructure, recommendations for spatial planning
- E.g. Assessment and management of multi-risks, the role of land use planning

#### Cities Implement Better – Supporting the implementation of risk reduction and resilience actions

- Expert input/presentation c
- E.g. Agenda Coherence
- E.g. Preparation in flood scenarios

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