

# Integrating DRR and Climate Change Adaptation in the UN Sustainable Development Cooperation Framework

Part of the full Training Package on Integrating DRR and  
Climate Change Adaptation in the UN Sustainable  
Development Cooperation Framework



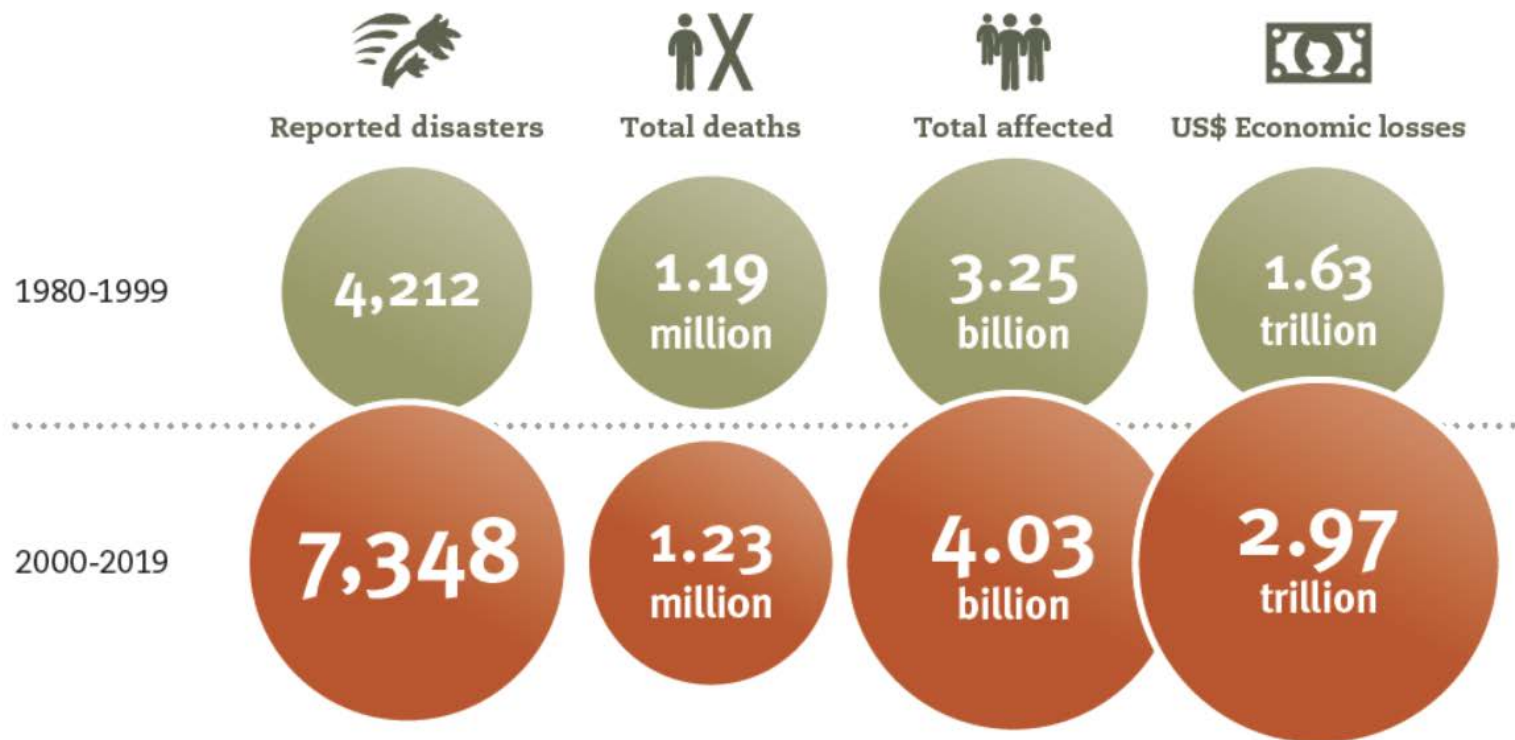
**UNDRR**

UN Office for Disaster Risk Reduction

  
**SENDAI FRAMEWORK**  
FOR DISASTER RISK REDUCTION 2015-2030

# Climate change and disasters disrupting development

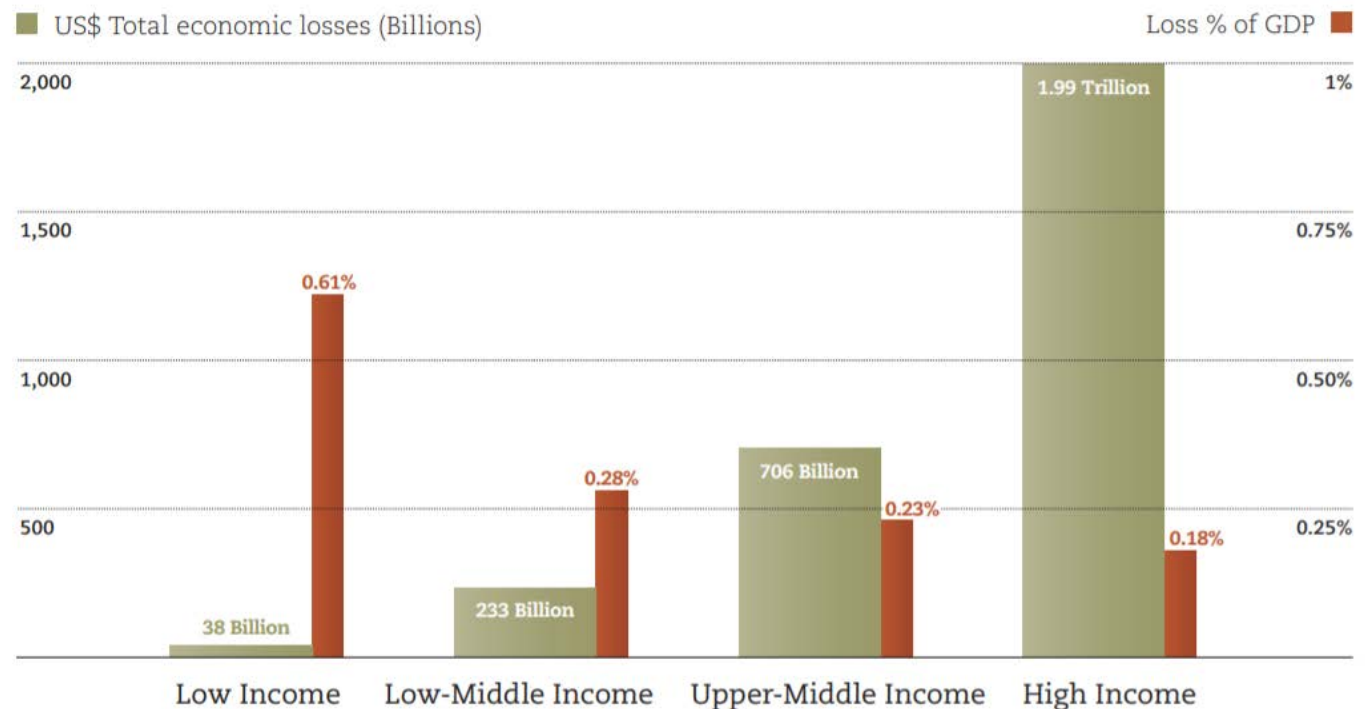
Disaster Impacts:  
1980-1999 vs. 2000-2019



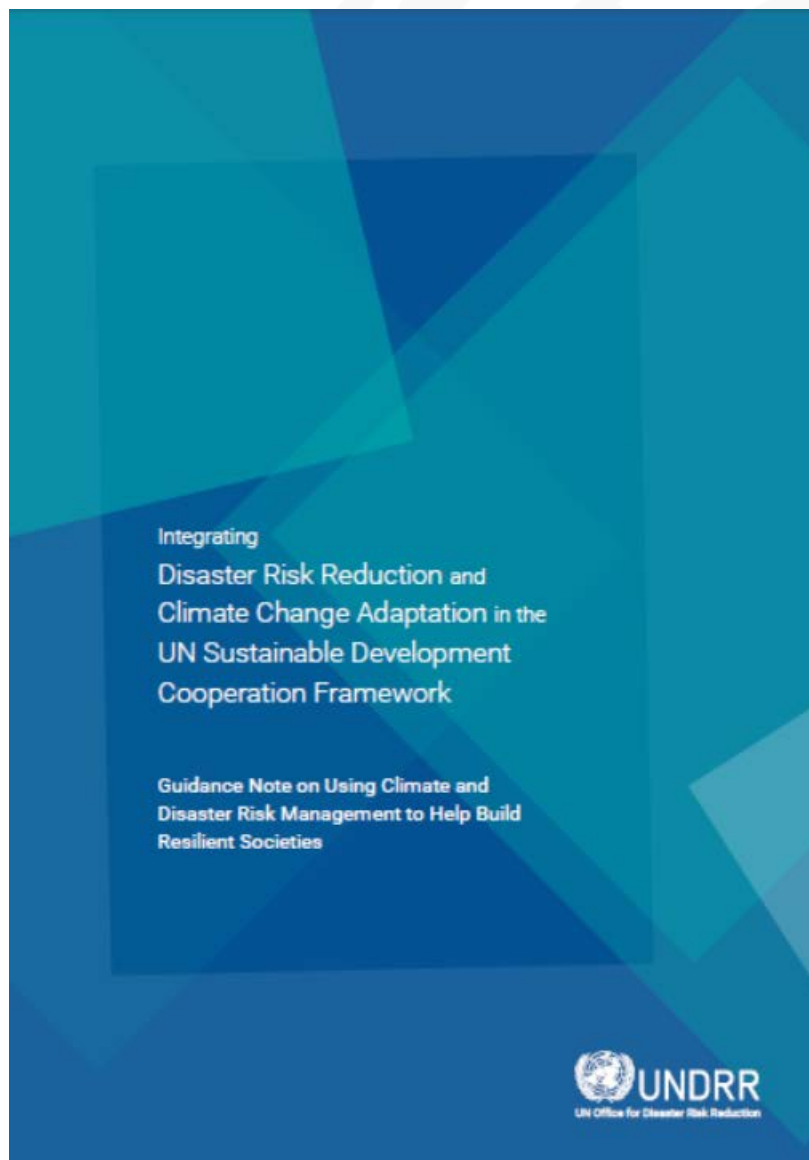
**\$1 invested in risk reduction and prevention can save up to \$15 in post-disaster recovery.**

# Climate and disaster risk – driving inequality and crises

- Hazards and climate change do not affect everyone equally – and never have.
- Climate and disaster risks do not exist in a vacuum – they exacerbate existing vulnerabilities, other risks and can be exacerbated by instability and shocks.



# The Guidance Note on Integrating DRR and Climate Change Adaptation in the UNSD Cooperation Frameworks



- Checklist and actions to ensure a climate and disaster risk-informed approach:
  - Roadmap development
  - Common Country Analysis
  - Cooperation Framework Design
  - UNCT Configuration
  - Funding
  - Implementation, Monitoring and Reporting
  - Evaluation
- Appendix on outbreak/epid./pandemic
- Appendix on risks to/from each SDG



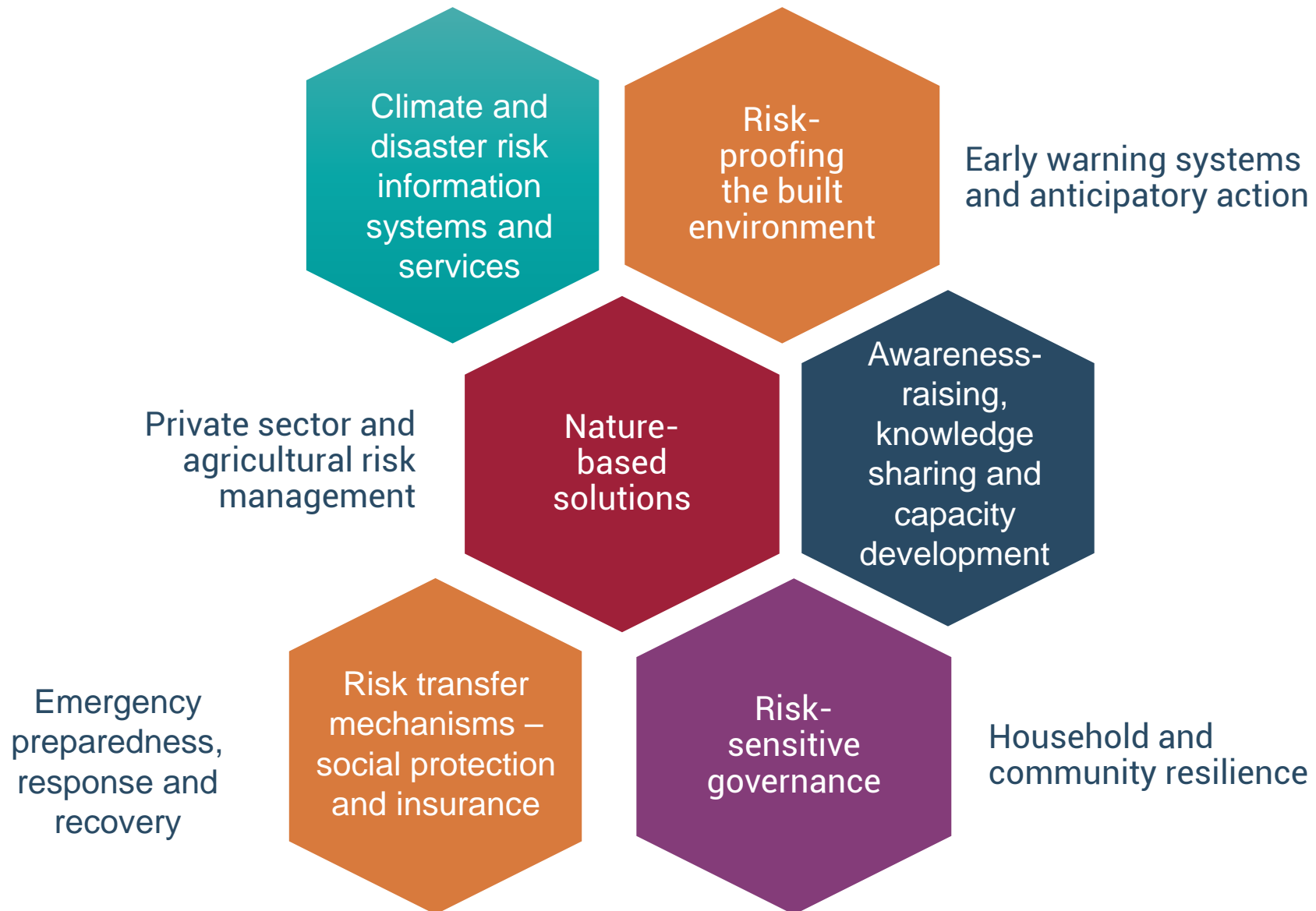
# Risk-informing the Cooperation Framework: Prioritizing development solutions

- When formulating catalytic development solutions
  - Check climate and disaster risks identified in Common Country Analysis
  - Cross-reference against national planning documents
- Prioritizing catalytic development solutions which...
  - Develop capacities of **those left furthest behind** or of multiple **sectors**
  - Enhance **integration**
  - Enable **all-of-society** approach
  - Support development of inclusive, multi-hazard **early warning systems**
  - Are in line with the United Nations System Strategic Approach on Climate Change Action and the UN Plan of Action on DRR for Resilience

# Risk-informing the Cooperation Framework: The Theory of Change

- Employ a process which enables analysis of development  $\leftrightarrow$  risk relationships
- Involve climate and disaster risk stakeholders
  - Focal points for DRR, Climate Change and International Health Regulations
  - Local government and people living in climate change/disaster-affected areas
  - Civil society and volunteer organizations
  - Institutions with expertise on climate, disaster and health risks and their impacts
- Make a sober risk assessment of how climate change and known hazards can affect change and sustainability of outcomes before and after 2030
  - COVID-19
  - Rise in extreme weather events including extreme temperatures
  - Seismic hazards

# Integrating climate and disaster risk management in Theories of Change



# Managing systemic risk through multiple sectors

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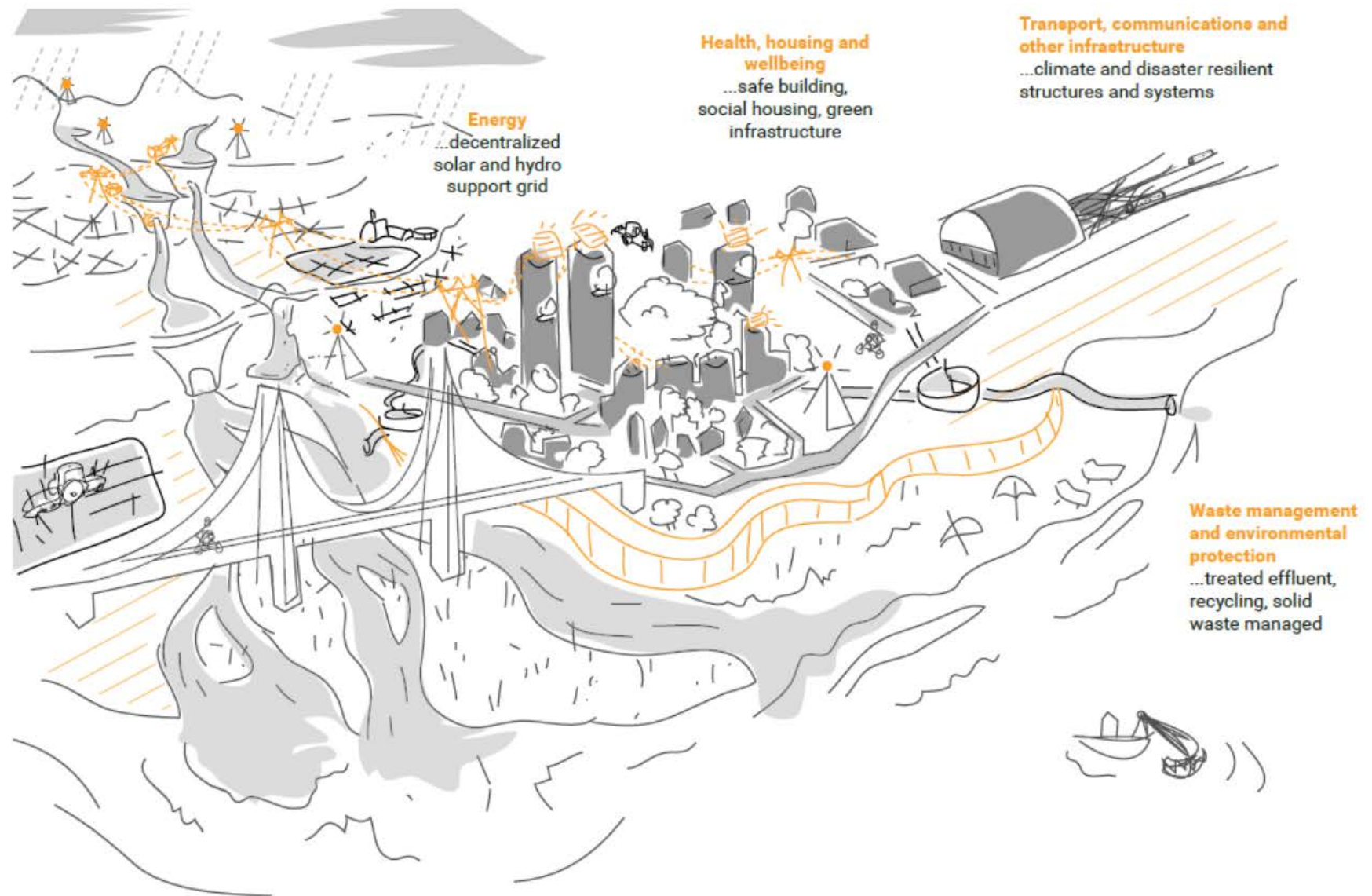


# Managing systemic risk through multiple sectors

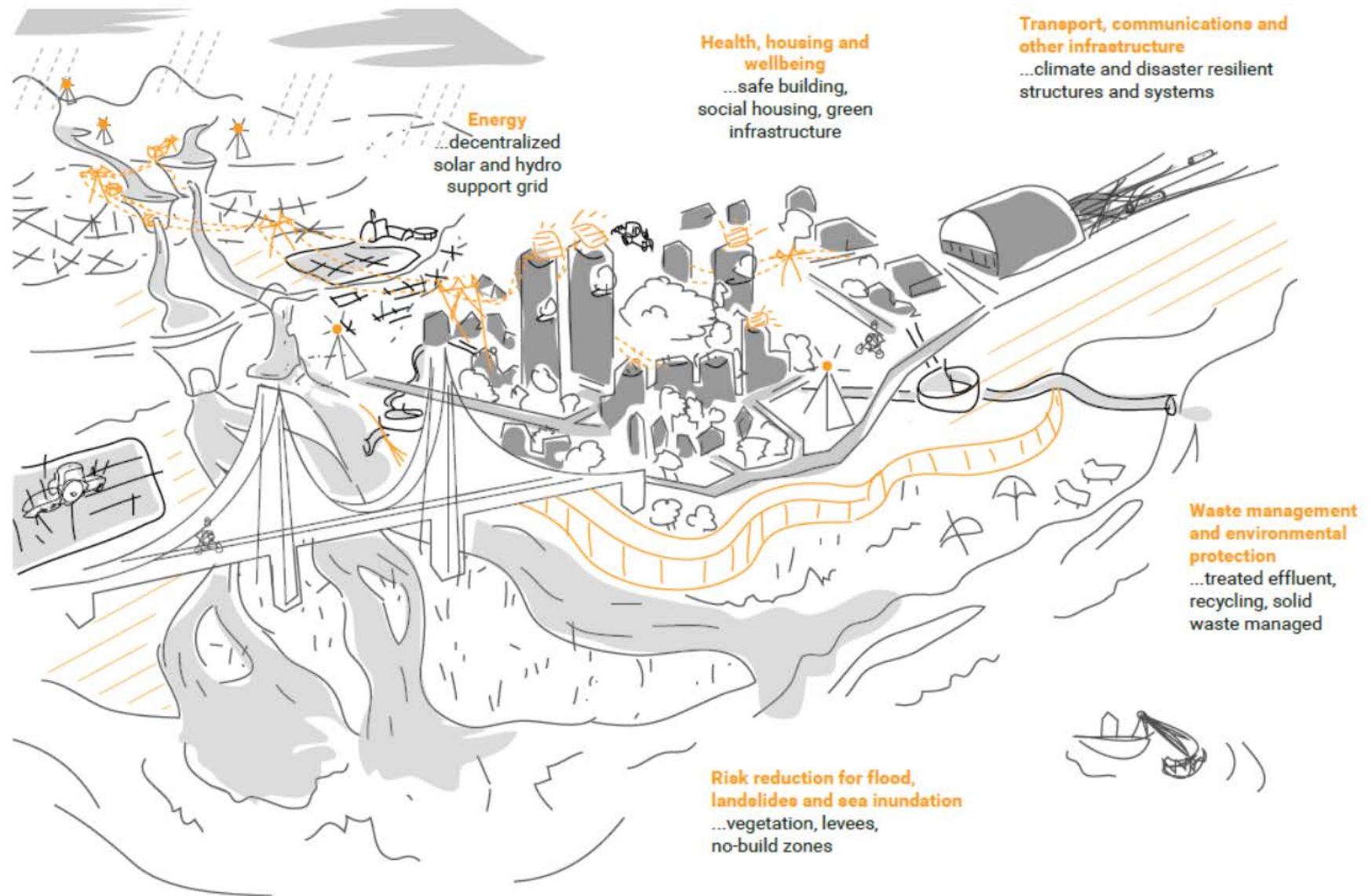




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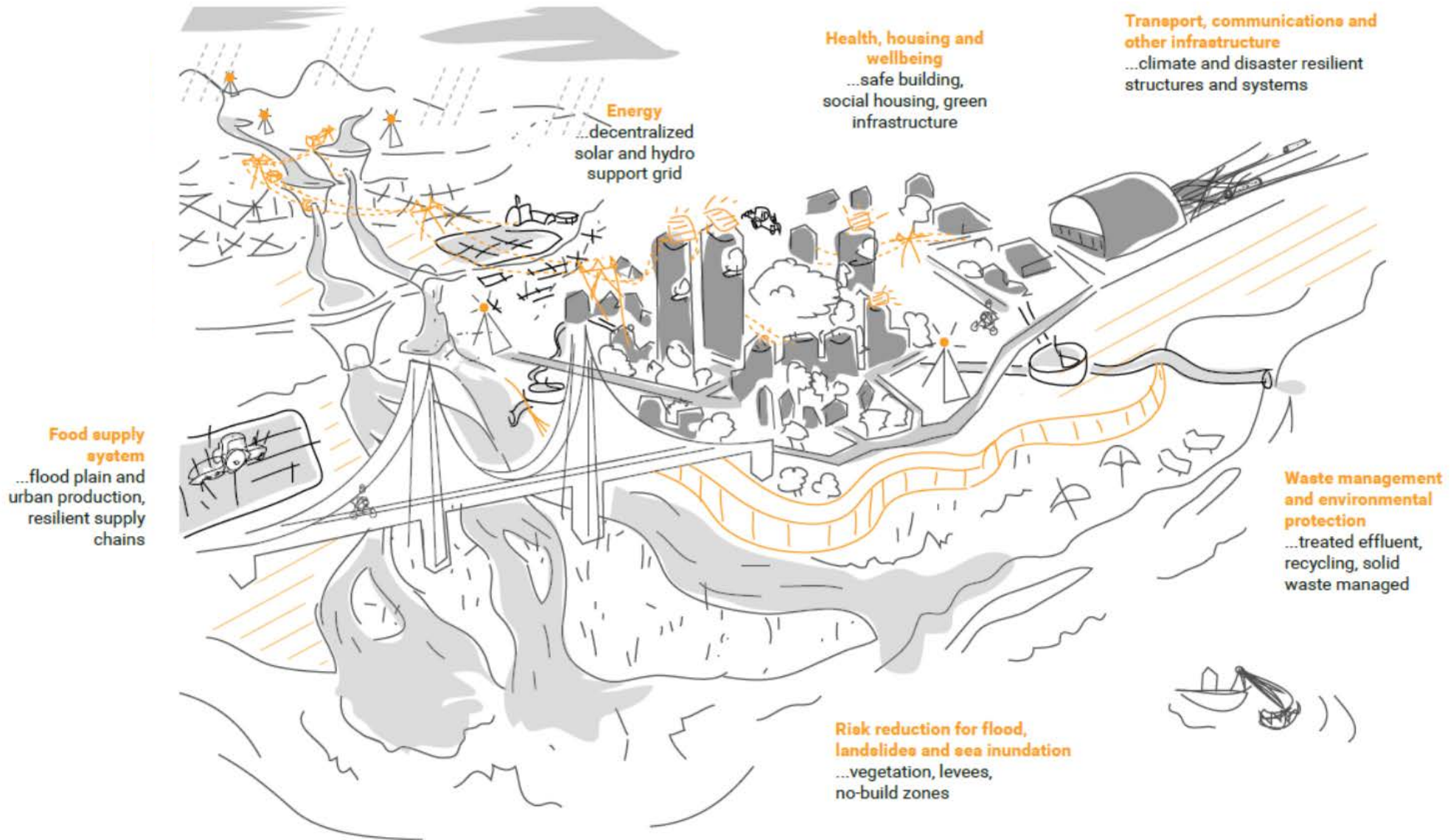


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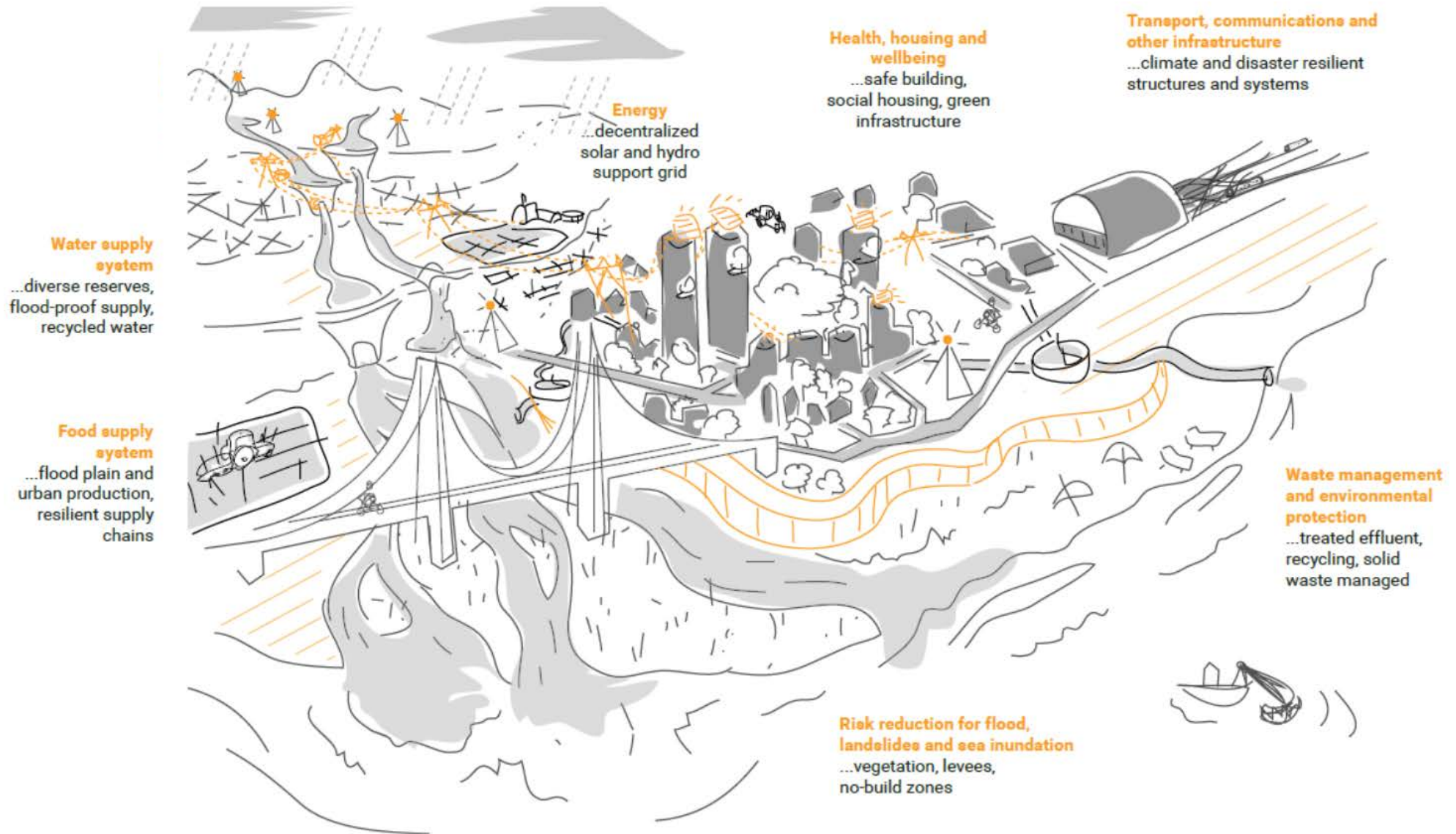




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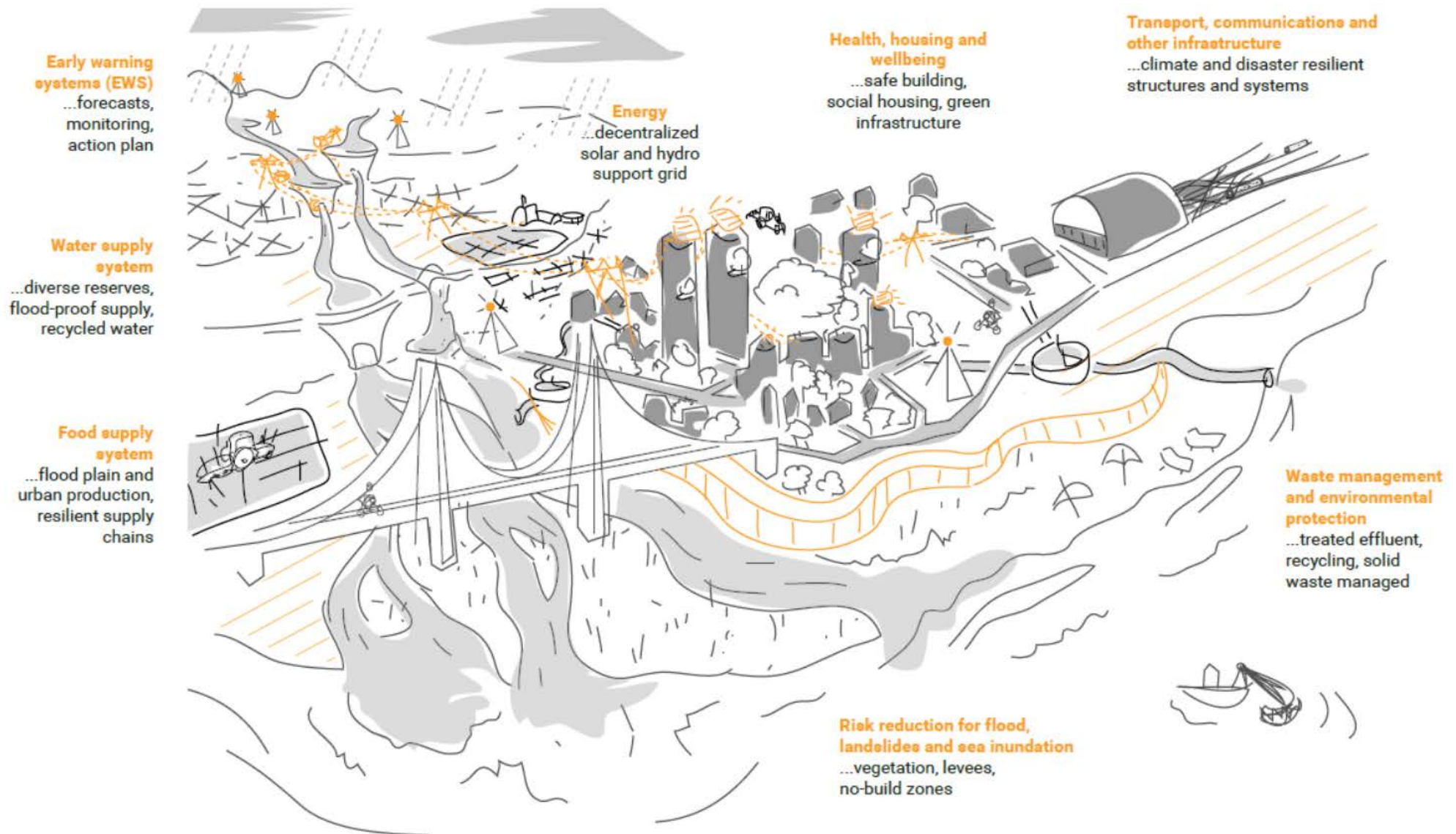


# Managing systemic risk through multiple sectors





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# Integrating DRR and climate change adaptation in the Cooperation Framework results framework

- Output and outcomes
  - «**Resilient**, sustainable and equitable growth»
  - «**Resilient** and inclusive primary health care and strengthened social protection, including in **times of emergencies**»
  - «Food security and agricultural productivity improved for all, irrespective of individual ability, gender, age, status and **geographical location**»
- State assumptions about risk / risk management capacities for each outcome
- Use relevant international and indicators where possible
- Use indicators that measure (a) the resilience of people/systems and (b) risk management capacities

# Integrating DRR and climate change adaptation in the Cooperation Framework results framework

## Systems resilience indicators

Outcome	Direct disaster economic loss in relation to global gross domestic product, including disaster damage to critical infrastructure and disruption of basic services (SDG 11.5.2)  Proportion of youth (aged 15-24 years) not in education, employment or training, disaggregated by location (adaptation of SDG 8.6.1)
Output	Number of men and women benefitting from improved, climate-resilient urban infrastructure



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## Risk management indicators

Outcome	Extent of national capacity for implementing International Health Regulations (2005) and health emergency preparedness, including early warning (adapted SDG 3.D1)
Output	Number of sectoral disaster risk management and climate change policies, plans and strategies developed

# Integrating DRR and climate change adaptation in the Cooperation Framework results framework

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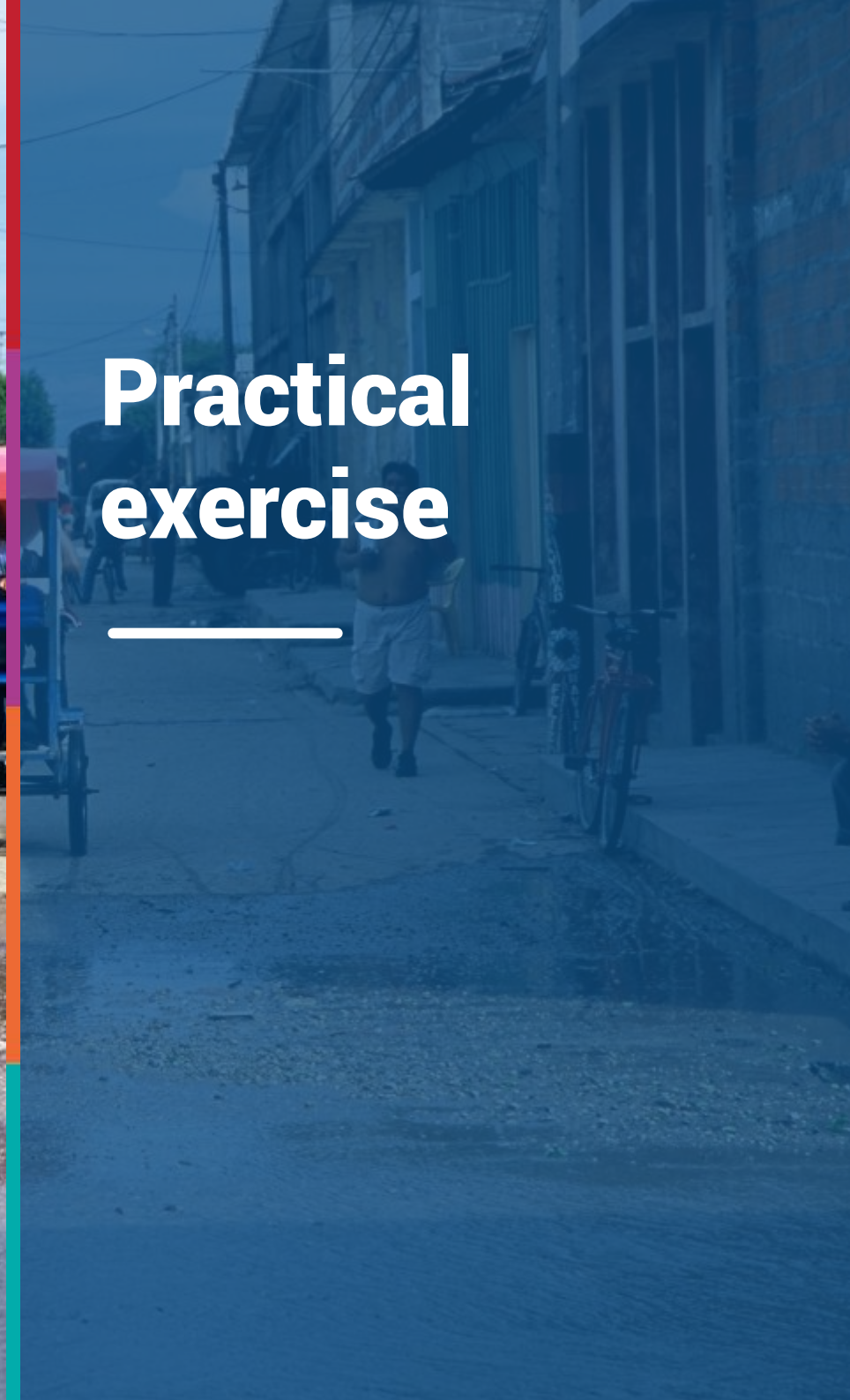
## Integrating sustainability and resilience in all indicators

Outcome	Total government spending in social protection and employment programmes as a proportion of the national budgets and gross domestic product, <b>disaggregated by regular or disaster-responsive (including pandemic) spending</b> (adapted SDG 8.B.1)
Output	Number of local government/municipalities supported to develop rural development plans that confirm to national regulations and are gender-sensitive and <b>consider climate and disaster risk</b>



# Practical exercise

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# Exercise Instructions

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- (Insert instructions from script depending on when in the Cooperation Framework process the module is taking place:
  1. Before catalytic development solutions have been identified
  2. After catalytic development solutions have been identified)

# Summary and conclusion

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- Climate and disaster risks can
  - Affect all sectors and interact with different vulnerabilities
  - Be generated, increased or reduced by development choices
  - Be managed with institutional and community risk management capacities
- All sectors are affected by and must handle climate and disaster risks –good risk governance, data, and management capacity is vital
- Developing capacities for climate and disaster risk management in key sectors builds systems resilience and sustains development outcomes.



# Thank you

Download the Guidance Note from:

<https://unsdg.un.org/resources/integrating-disaster-risk-reduction-and-climate-change-adaptation-un-sustainable>

For more information, please contact your UNDRR Regional Office:

<https://www.undrr.org/about-undrr/where-we-work>



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