

# Ambities van het IPCC in de huidige Assessment Cycle (AR7)

**STOWA Weer en Waterbeheer**

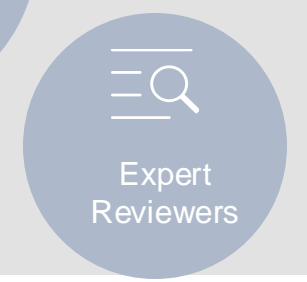
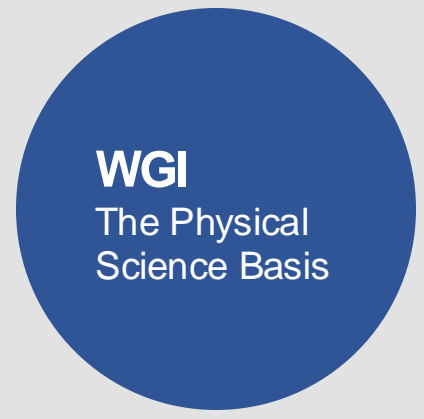
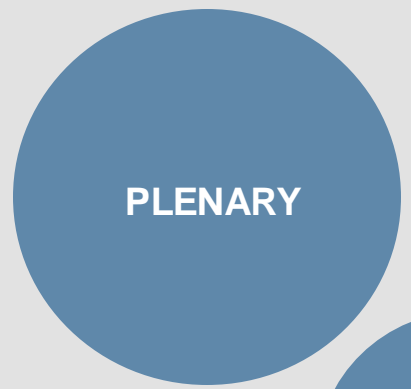
**Prof. Bart van den Hurk**  
**Co-chair IPCC WG2**  
**Science Director, Deltares Delft**

# Structure and Report Process

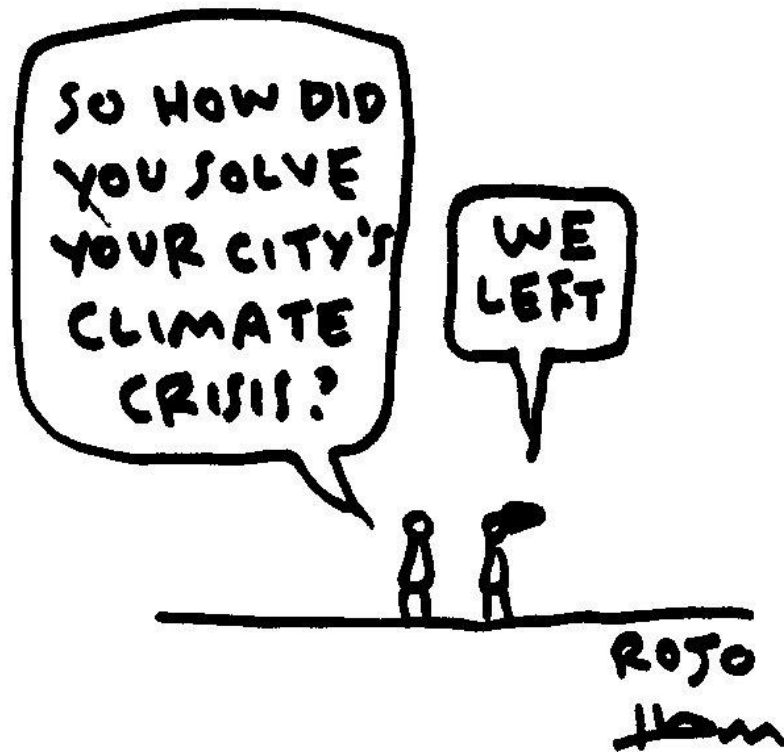
**Intergovernmental Panel**  
195 member States appointing  
National Focal Points.

**The Secretariat**  
Oversees the process  
and provides support.

Hundreds of **scientists and experts from around the world** are involved in the preparation of IPCC reports.

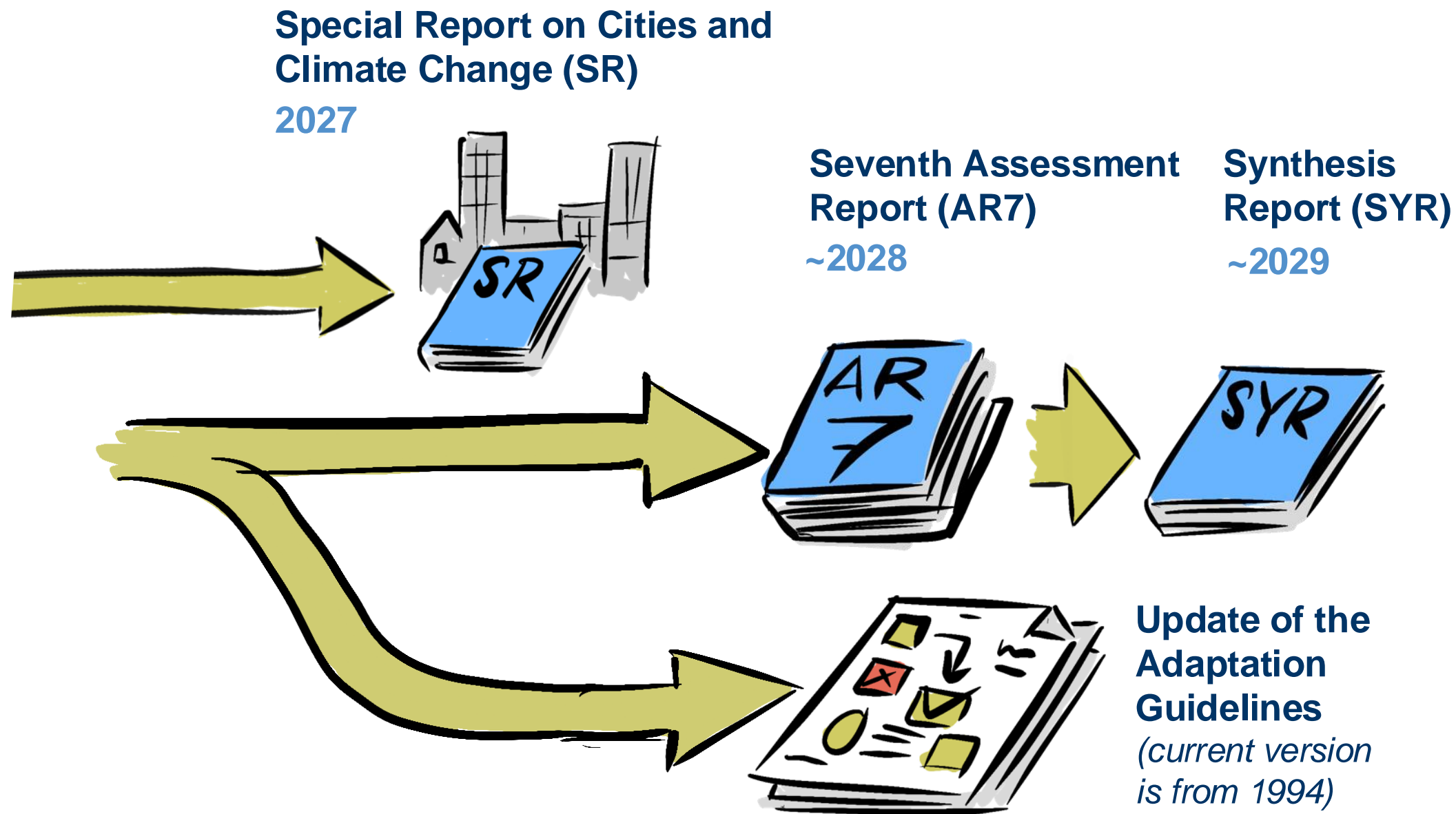


**Technical Support Units (TSUs)**  
Each Working Group and the TFI is supported by a TSU.



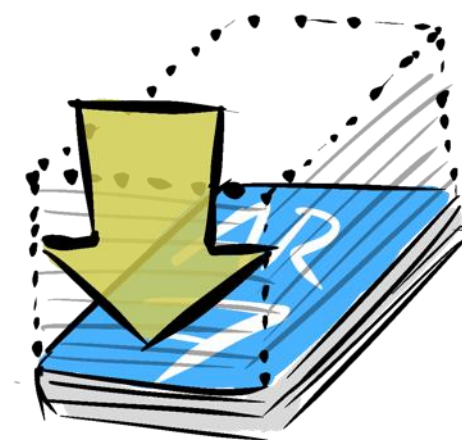
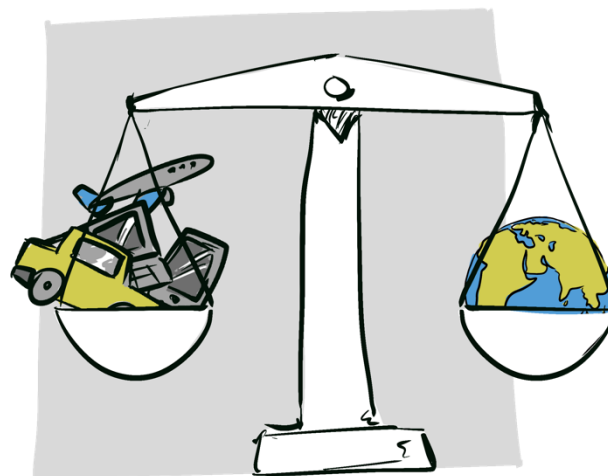
## Ambitions of the AR7 team

# Process timeline of AR7

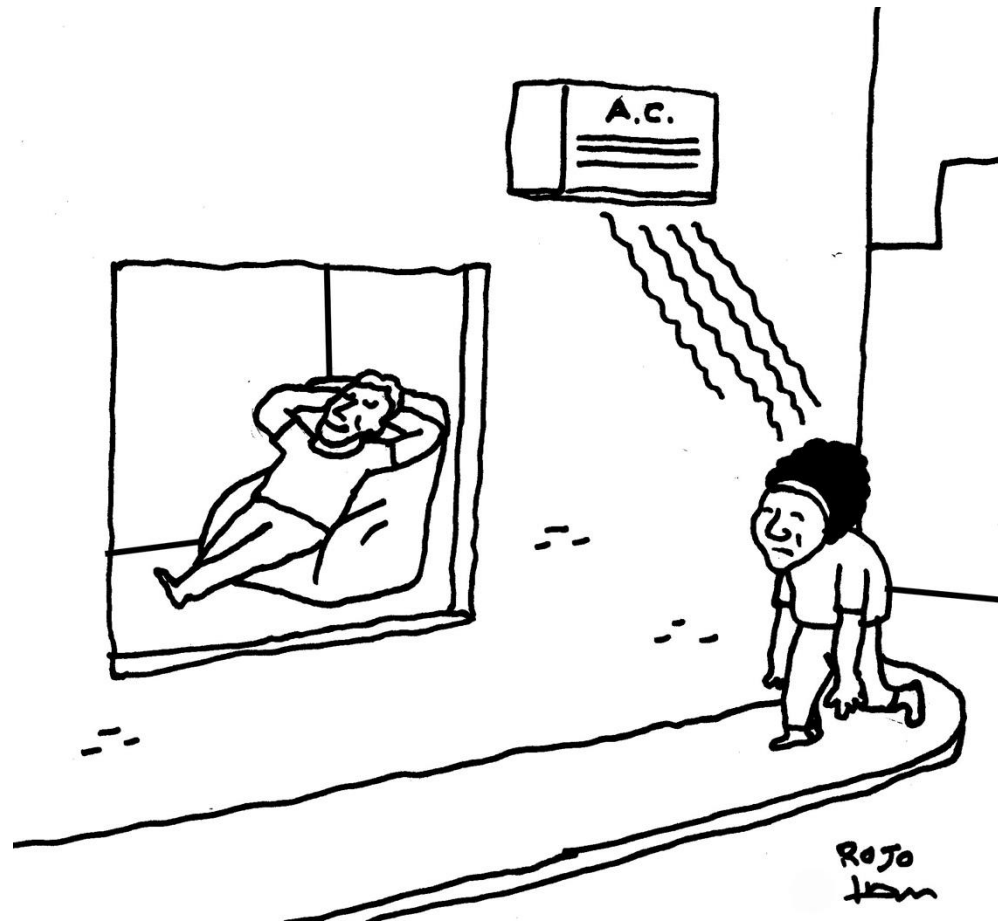


## Some key ambitions for AR7

- There is a strong call for **implementation oriented** and **activating** reports.
- Which implies a lot of “local knowledge”: what’s at stake for **decision making**?
- Which implies engagement of **practitioners and policy makers**, public and private, corporate and citizens
- Which also implies scenarios that map **risks, trade-offs** and **transfer** of costs and benefits



And **thinner reports** would be highly welcome as well!



# Preparing for the Special Report on Climate Change and Cities

# Chapter 1 – Establishing that there's a problem

Cities in the context of climate change:  
framing of the report



- Main report narrative
- Definition of cities and characteristics that make them climate hotspots
- Diversity of cities, including their risks, vulnerabilities, impacts, development state, etc
- Connection between cities and surroundings
- Assessment methodologies

**Subset of Topics**



## Chapter 2 – diagnosing the problem

### Cities in a changing climate: trends, challenges and opportunities



- Past, present and future trends (climate and socio-economic)
- Urban emission trends
- City-specific risks and drivers
- Current mitigation and adaptation

**Subset of Topics**



## Chapter 3 – exploring the remedies

### Actions and solutions to reduce urban risks and emissions



- Common and context specific urban mitigation and adaptation options
- Evaluation of city risks and actions (mitigation, adaptation, losses and damages, adopted targets)
- Urban observation and modelling tools
- Metrics for assessing options

**Subset of Topics**

## Chapter 4 – ensure the remedies will work

### How to facilitate and accelerate change

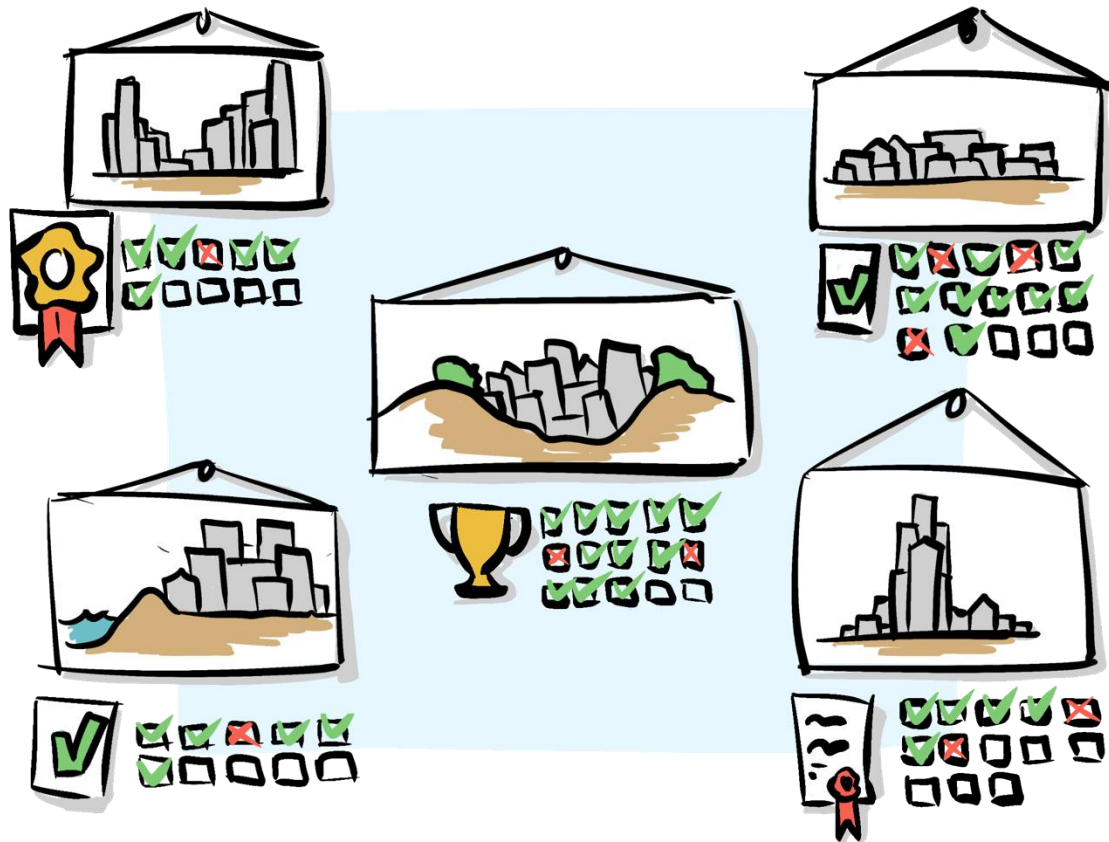


- Innovations in governance, urban planning, finance, energy access, facilitation of societal trends
- Institutional capacities and multi-level governance
- Indigenous knowledge, local knowledge, diverse values
- Finance and legal frameworks
- Political will, conflicting goals, trade-offs

**Subset of Topics**

# Chapter 5 – variety of remedies to a variety of problems

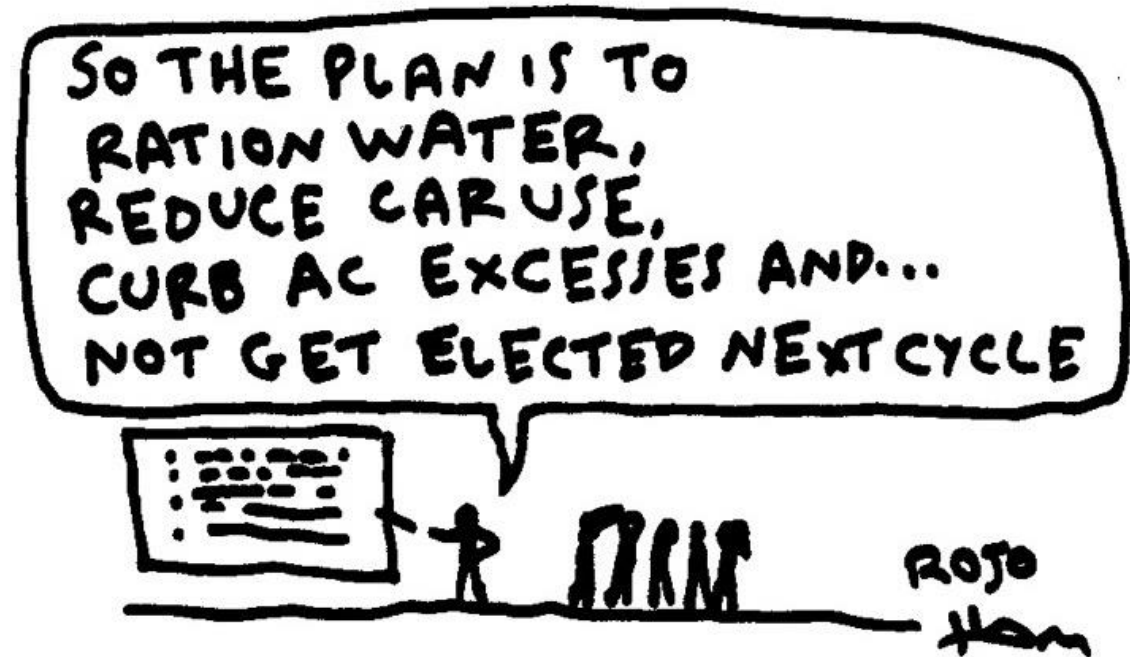
## Solutions by city types and regions



- Synthesis guided by solution-oriented information and case studies
- Acknowledging multi-dimensional characteristics including:
  - Geography
  - Development stage
  - Climate & scenarios
  - Adaptation & mitigation options
  - Losses & damages, risks, vulnerabilities
  - Sectoral contributions to economy
  - ...

**Subset of Topics**

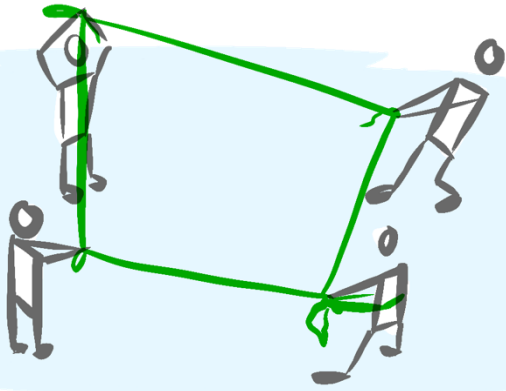
## Call to and involvement from the experts



## The call to experts

- **Context matters.** High impacts never come in clear linear pathways.
  - *Keep an eye on compounding features (state of infrastructure, capacity to respond, role of early warning, ...)*
- We're seeking not only impact assessments, but also **action impact assessments**
  - *Including (in)direct effects of interventions is highly desirable*
- Engagement with **action holders** will learn about implementation barriers and enablers
  - *Priority actions, windows of opportunity, financial barriers, trade-offs/synergies, public support, ...*

# Ways you can get involved



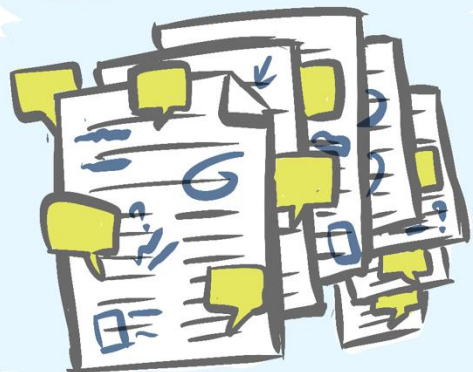
◀ **Experts** can help with **scoping** – *pre-scoping webinars*



◀ **Authors** can help with **writing** – *calls for authors Cities report Q3 2024; Assessment reports Q2 2025*



◀ **Scientists** can write papers and **compile journal special issues** – including topics emphasized in the outline



◀ **Professionals** can help with **reviews** – *various versions will circulate*



◀ **Stakeholder networks** can help with **outreach** (e.g. factsheets)



# Artist impression of scoped outline of SRCities

