



Ministerie van Infrastructuur
en Waterstaat

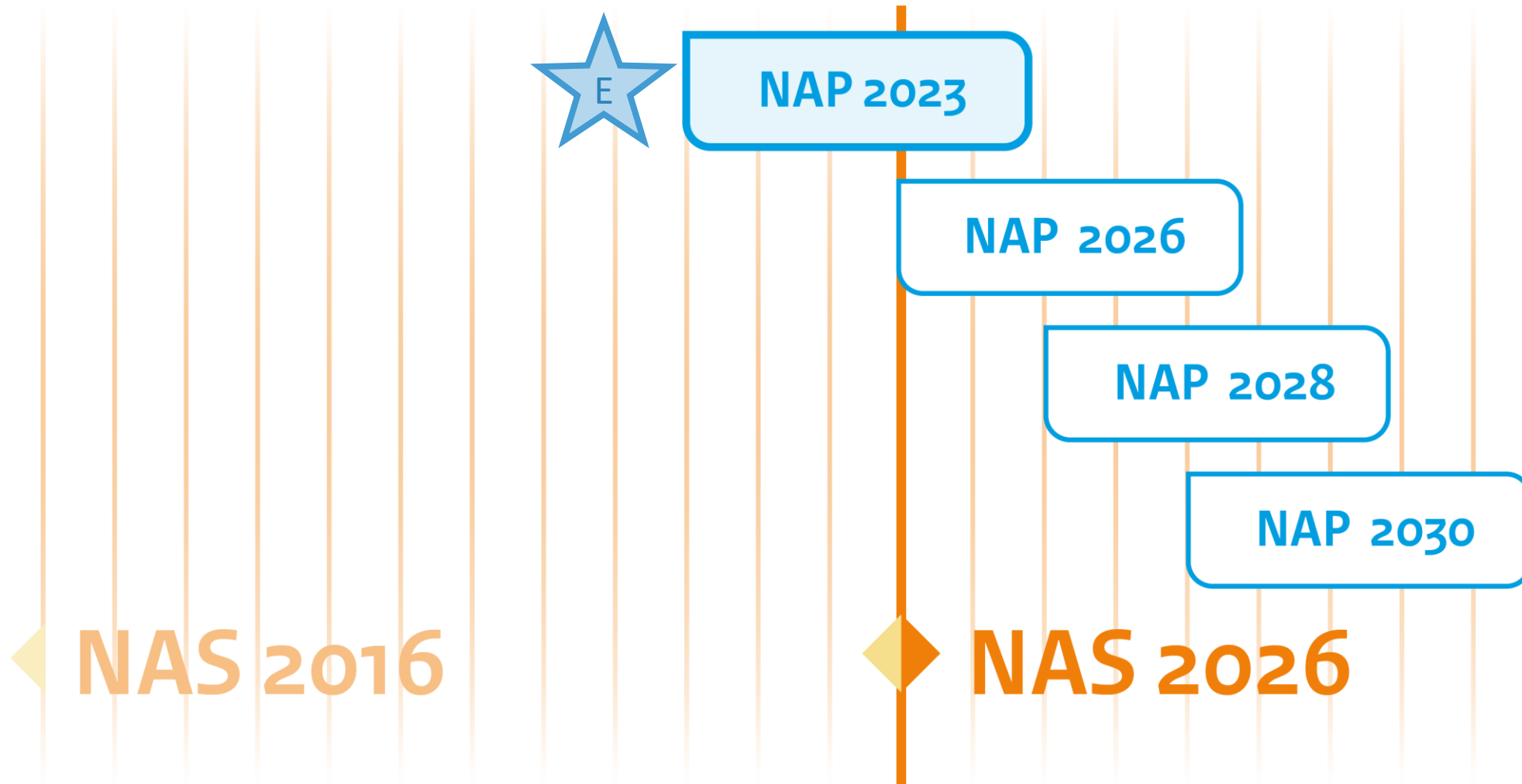
National adaptation strategy and plan (NAS & NAP)

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Time frames NAS and NAP





The Netherlands and Adaptation

- Delta to four major European rivers: Rhine, Meuse, Scheldt and Ems
- ~30% of the Netherlands below sea level
- 60% flood prone
- GDP: ~ EUR 800 bln
- High protection level
- 17.691 KM of flood defenses

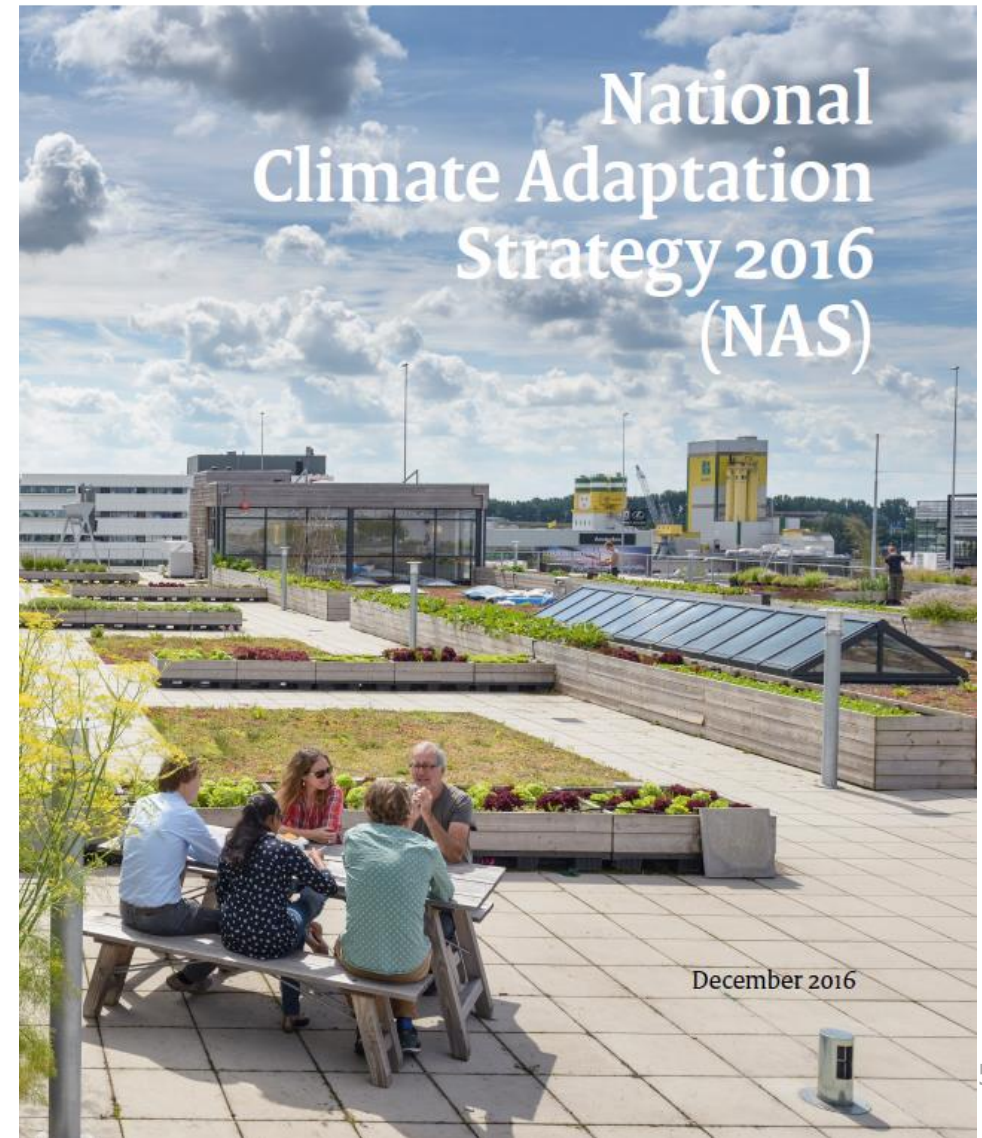




Adapting with ambition

NAS'16: priority risks

1. Greater heat stress
2. More frequent failure of vital systems
3. More frequent crop failures or other problems in the agricultural sector
4. Shifting climate zones
5. Greater health burden and loss of productivity
6. Cumulative effects





NAS'16: Approach

1. Increase awareness of the necessity of climate adaptation
2. Encourage the implementation of climate adaptation measures
3. Develop and exploit the knowledge base
4. Address urgent climate risks
5. Embed climate adaptation within policy and legislation
6. Monitor the progress and effectiveness of the adaptation strategy.



NAS Evaluation findings (2022)

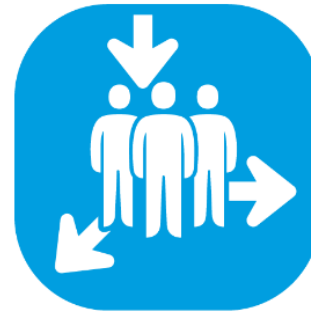
What is going well

Many stakeholders have become aware of their climate risks, identified measures, and started implementation

What we need



More specific goals and targets, an understanding of progress and effectiveness



Better governance and more implementation power



More attention to the impacts of climate change on humans, culture and nature



National Adaptation Plan (NAP'23)



National Adaptation plan: objective and scope

The NAP:

- › Provides an **overview** of running and planned **adaptation actions**, including timeframes and project leads
- › Identifies **priority areas** for additional action towards the next adaptation strategy

NAP 2023 summary



One goal

To accelerate climate resilience in the Netherlands

3 principles

Smarter
knowledge is accessible
and applicable



More systemic
adaptation is mainstreamed
into all policies and developments



More inclusive
adaptation for and by all



15 key challenges
for adaptation

Water



- Well-protected against flooding
- Sponge cities
- Future-proof freshwater supply
- Good water quality

**Agriculture,
nature and the
environment**



- Climate resilient agriculture
- Climate resilient nature
- Well-protected hazardous industries

**People and
culture**



- Heatproof cities
- Staying healthy in times of climate change
- Well-protected cultural heritage

**Working and
living**



- Green climate-adaptive new developments
- Climate-resilient housing for all
- Green and healthy working landscapes
- Strong and resilient infrastructure
- Climate-adaptive waterways

5 priorities

- 1 To develop concrete adaptation targets
- 2 To increase accessibility and applicability of knowledge products
- 3 To increase attention to climate justice
- 4 To mainstream adaptation into all policies and implementation
- 5 To explore opportunities to expand adaptation finance



NAS'26: scoping ingredients



1. NAS'16
evaluation
(2022)



2. National
adaptation
plan
(2023)



3. European
guidelines



4.
Interdepart-
mental
workshop



5. Survey
among non-
state
stakeholders



6. Scientific
Climate
Council

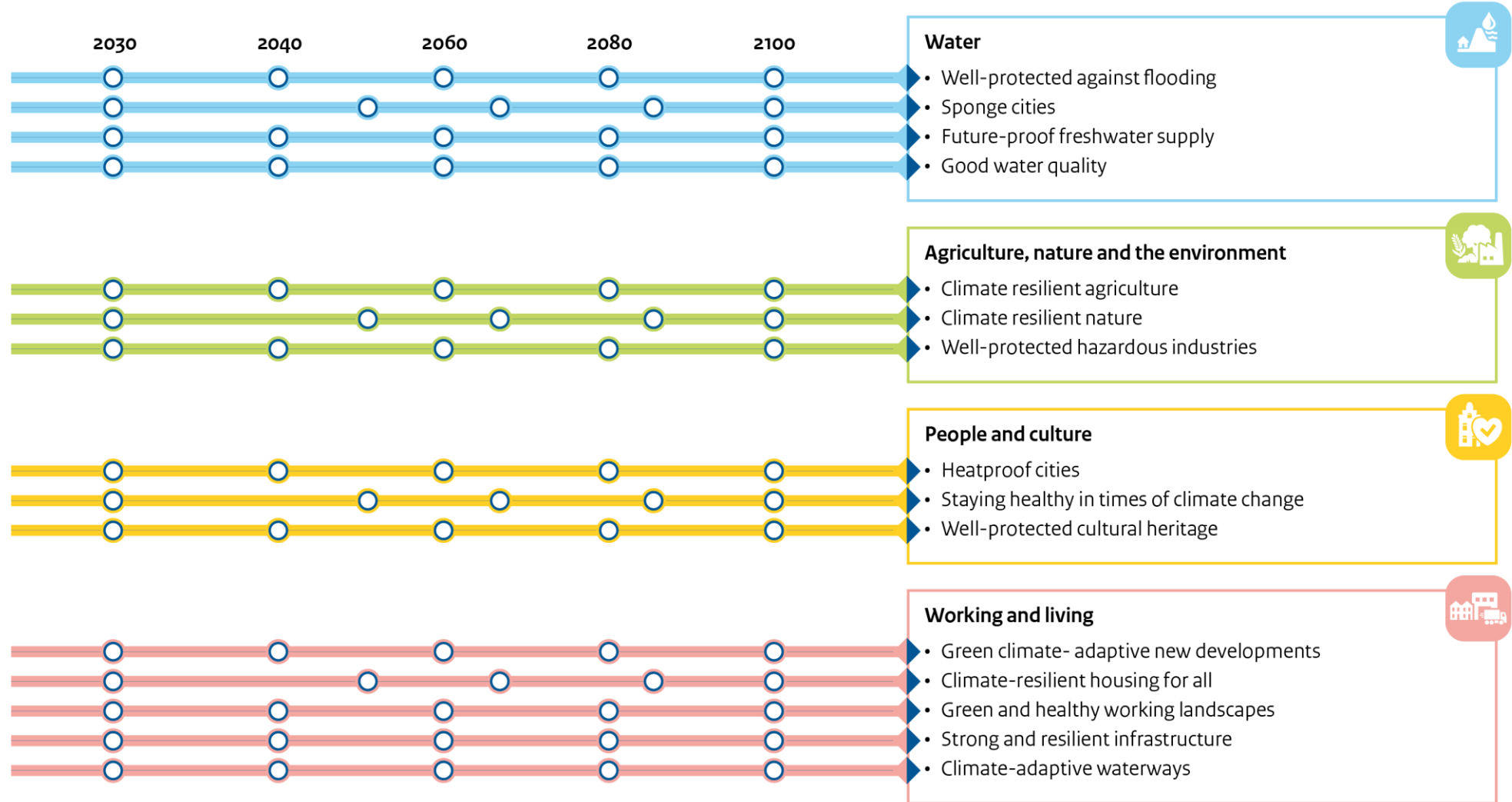


Outcome

- › The NAS should:
 - Contain concrete goals and targets;
 - Provide clarity on what is needed in the short, mid and long term
 - Promote integration between adaptation measures, but also between adaptation and other transitions

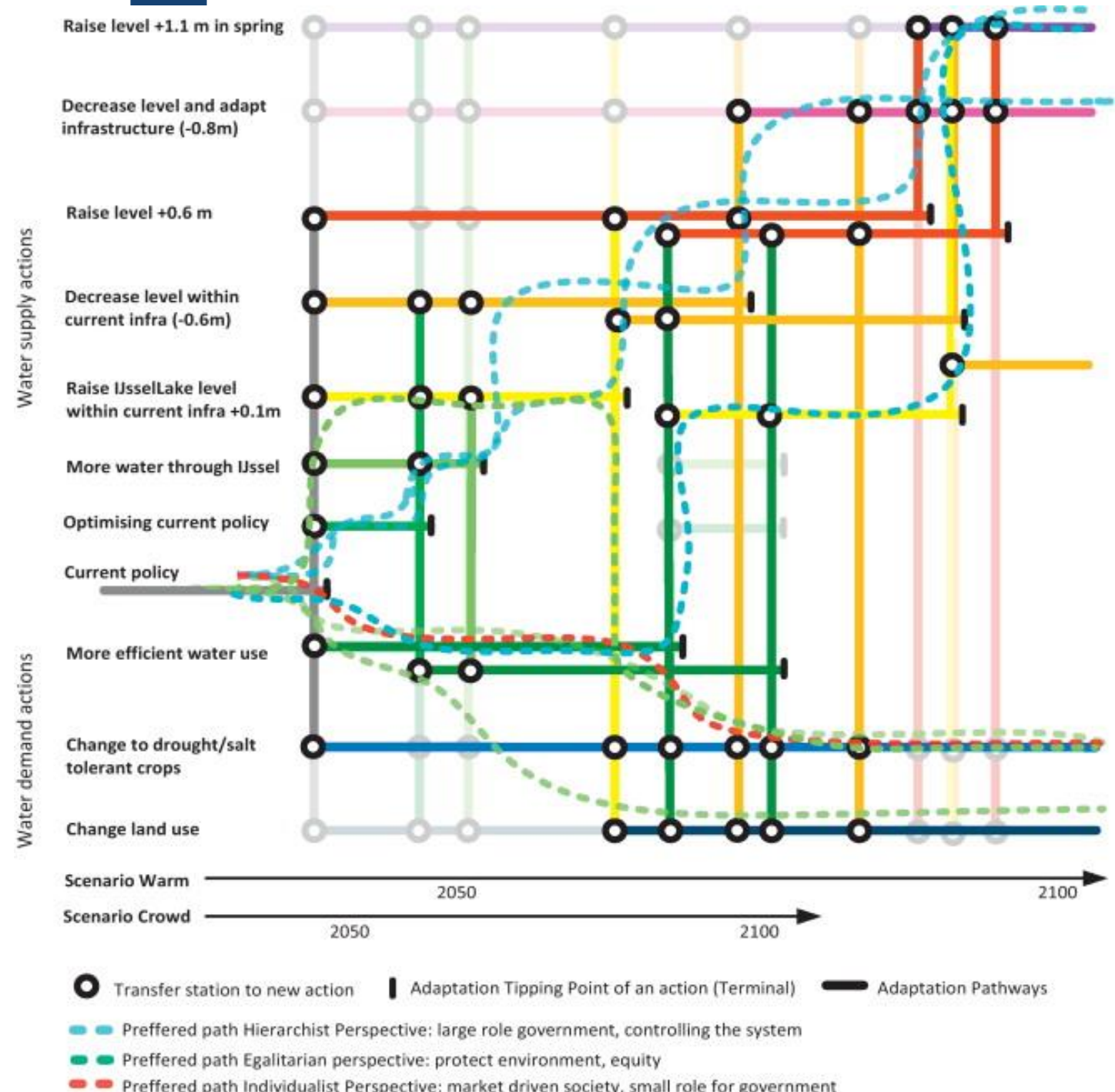


Programme objective NAS: a climate resilient Netherlands Now and in the future



This is a simplified version of reality. The connections between the pathways will be analysed.

Example



Source:
https://www.researchgate.net/figure/Adaptation-pathways-map-with-preferred-pathways-for-three-different-perspectives_fig19_258325895



Development process

- › Track-leads from national government
- › Make-atons with scientific community and policy makers
- › Participatory process with non-state stakeholders
- › Formal advise by Scientific Climate Council
- › Environmental and socio-economic impact analysis



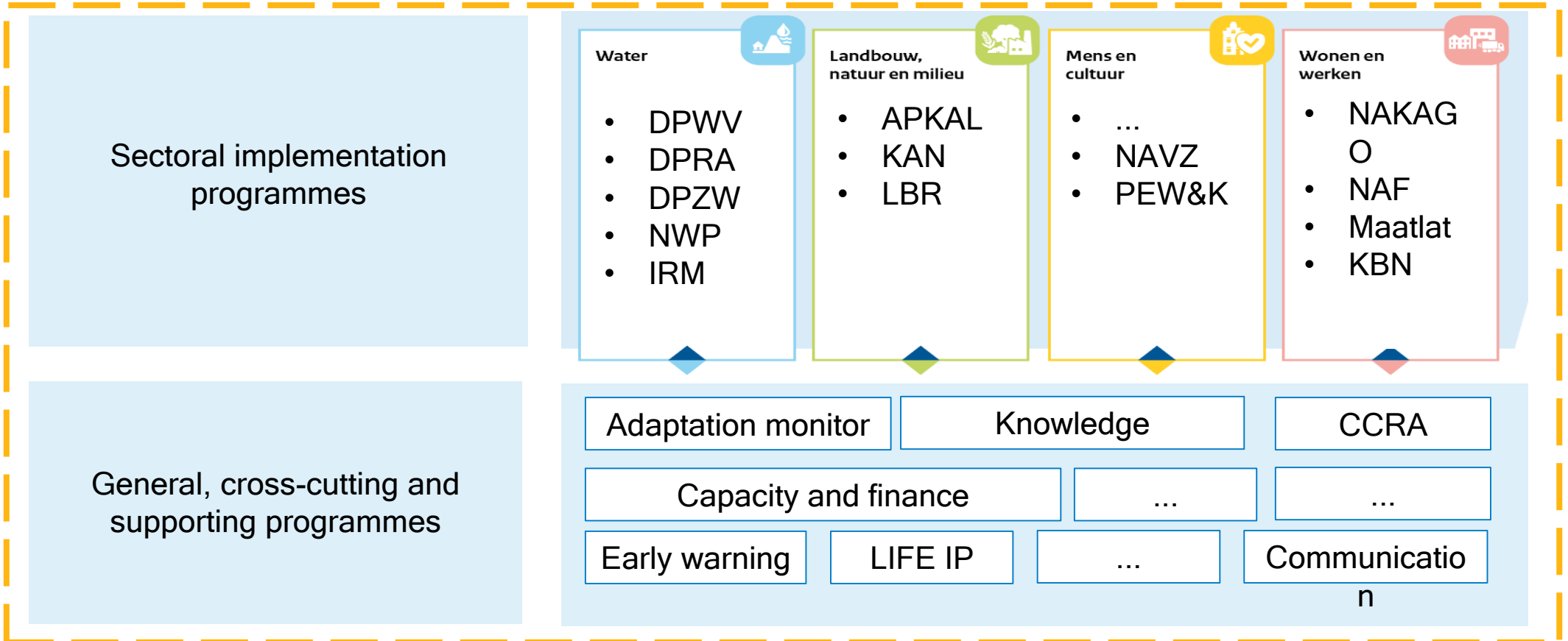
Programmatic approach

NAS

Direction, milestones, integration

National climate adaptation strategy (NAS)

NAP





Ministry of Infrastructure
and Water Management

Thank you for your
attention!

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