


# ***Connecting Nature- Based Leadership across generations***

*What can we learn about Nature-  
Based Solutions from varying  
generations?*



# Agenda

Time	Activity	Speaker
15:00 – 10:20 (20 minutes)	Introduction - Why intergenerational thinking matters for NbS?	Leonie/Anne
15:20 – 15:35 (15 minutes)	Activity 1 – NbS for the next generation	Facilitators (Brent + Anne + Leonie)
15:35 – 15:45 (10 minutes)	Activity 2 – Connecting across generations	
15:45 – 16:00 (15 minutes)	Activity 3 – Meeting challenges together	
16:00 – 16:10 (10 minutes)	Activity 4 – Message to future self	
16:10 – 16:25 (15 minutes)	Activity 5 – Knowledge exchange	
16:25 – 16:30 (5 minutes)	Wrap-up	Leonie



# Introduction: Why intergenerational thinking matters for NbS?

20 mins

# Intergenerational thinking

- We are confronted by **climate change, exploitative consumerism, and a deteriorating environment**
- These **issues were known several decades ago**
- Instead of thinking long-term, we tend to think of today's crisis, not considering that the solution might have ramifications for the future
- We are **now at a turning point where we need to think beyond the next five years**
- **Long-term thinking is urgently needed as humankind grapples with climate change and other burning issues**
- There are multiple communities already practicing intergenerational thinking



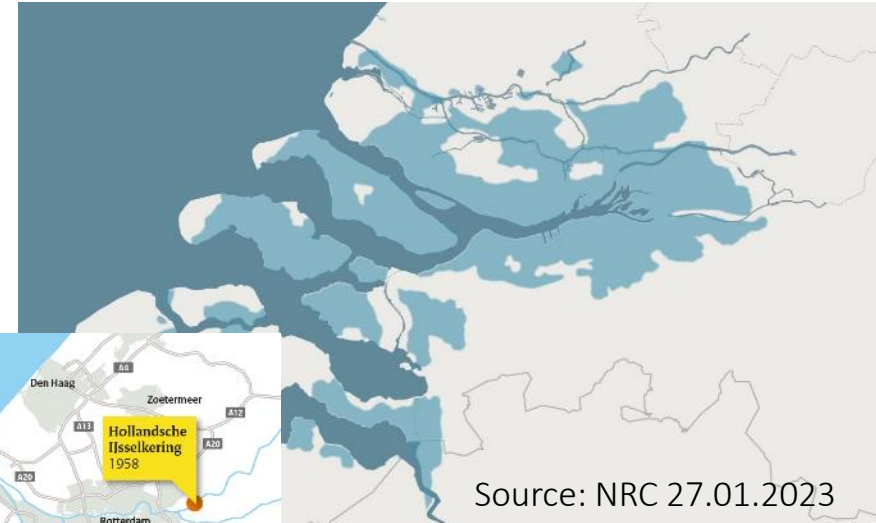
# What can we learn from the past?

## Watersnood van 1953

- The Netherlands suffered a major flood in 1953. Many of the existing levees could not contain the rising water level and broke.
- 1836 people died during this flood

## Deltawerken and Deltaplan

- After the flood, a plan was developed for the delta that included several recommendations, such as reinforcements of dikes, barriers to close the sea entrances and channeling.
- The delta works have protected the Netherlands for more than 70 years from any flooding.
- **However, the closure of sea inlets and channeling have led to the decline of biodiversity in water bodies.**



Source: NRC 27.01.2023



Source: Rijkswaterstaat



# New approaches

- Due to climate change, extreme weather events are increasing
- The dikes and Deltawerken can only protect the country to a certain extent That is why the Netherlands is introducing concepts such as:
  - Room for the River
  - Building with Nature
  - Living with Water
- Nature-based Solutions could be our vision for the future!



Source: UrbanNext

Source: Deltares



# How do we connect generations for the future?



# The challenges of today and tomorrow



# Let's meet the challenges in groups

Table 1.



Fluvial Flooding

Table 2.



Urban heat island

Table 3.



Extreme rainfall

Table 4.



Coastal Flooding

Table 5.



Desertification

Table 6.



Food security

Table 7.



Water quality



# Activity 1: Solutions for the future

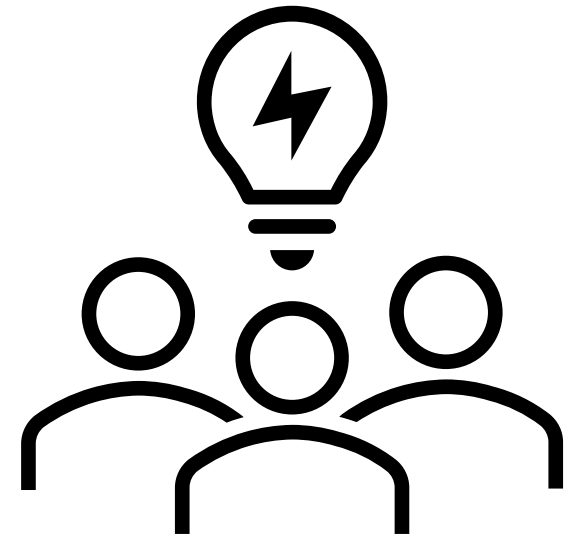
15 mins

# Activity 1 – Solutions for the future

## Questions (15 mins)

What Nature-based Solutions can we think of to resolve this challenge?

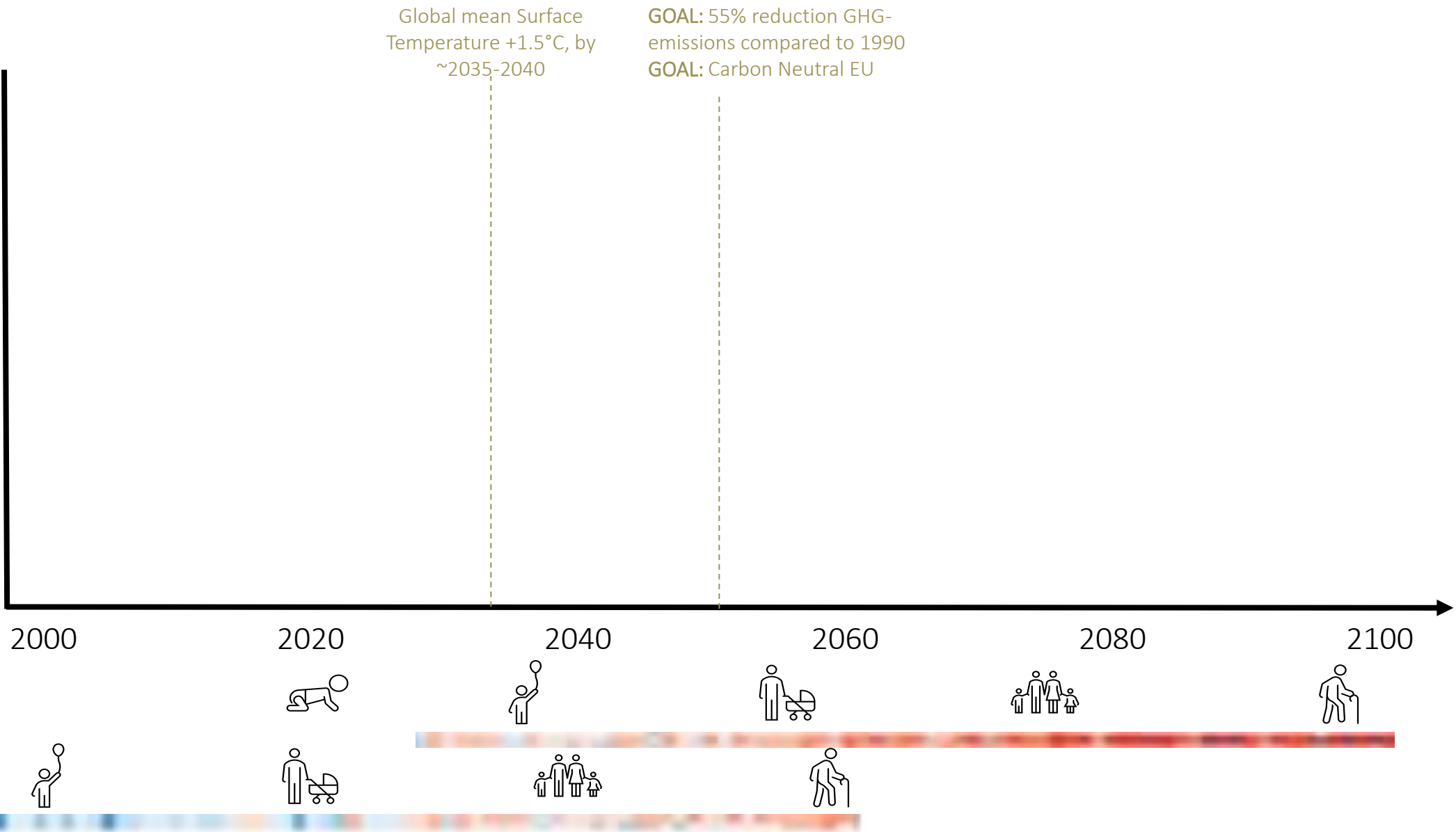
- What solutions did we apply in the past to resolve this challenge? Do we have other types of solutions now?
- Do different generations in your group propose different solutions?
- How can we shape this solution to be future proof?





# Activity 2: Connecting across generations

10 mins



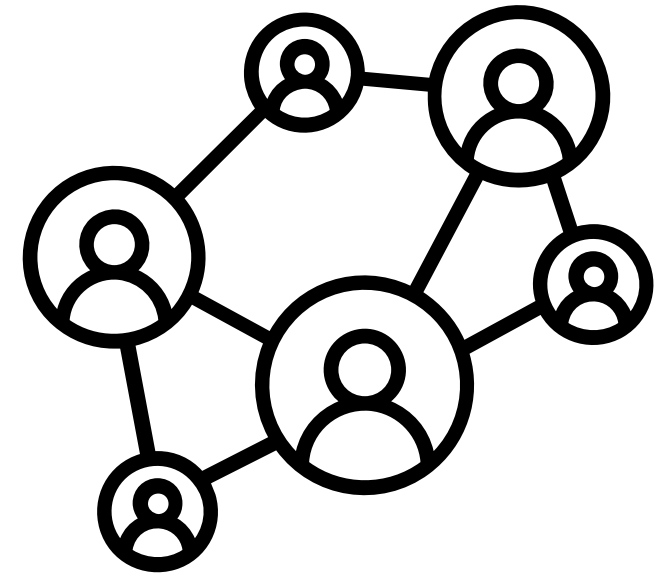
# Activity 2 – Connecting across generations

## Questions (10 mins)

When should the solutions be implemented?

Which solutions come first?

- Is the solution long-term, or short-term oriented?
- Why does solution A need to be implemented prior to solution B?
- Given the restrictions/ events/ information that was provided with the timeline, are the proposed NBS effective or efficient enough, and realistic?





# Activity 3: Meeting challenges together

15 mins


# Activity 3 – Meeting challenges together

## Questions (15 mins)

Which steps need to be taken to implement these solutions?

1. Which challenges can be potentially arise during implementation?
  - **Social perspective** (Who benefits? Who is affected by the solutions?)
  - **Environmental perspective** (How does this measure impact the environment?)
  - **Economic perspective** (What is the business case?)





# Activity 4: Message to future self

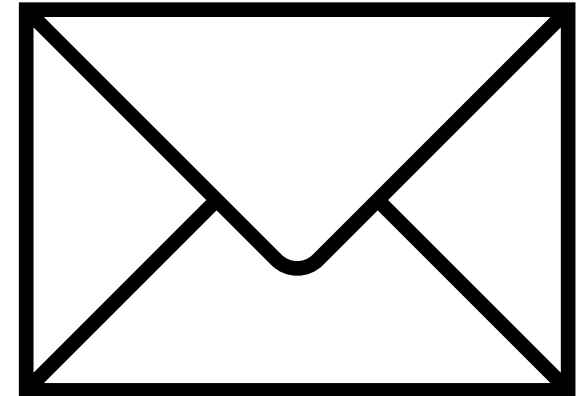
10 mins


# Activity 4 – Message to future self

## Questions (10 mins)

- How will you involve the next generation to make it happen?
- What will you do to contribute to this timeline?

**Finished?** Discuss with the group your message and who is going to present your timeline



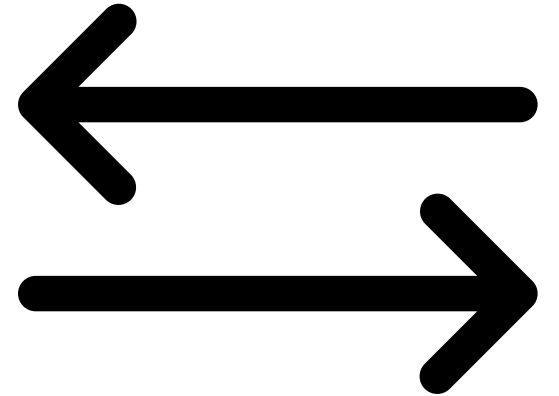


# Activity 5: Knowledge exchange

15 mins

# Activity 5 – Knowledge exchange

- What are your NbS for the future?
- Which challenges did you encounter?
- Can we connect past knowledge with future needs?





Wrap up:  
Thank you for your  
participation

## For more information contact



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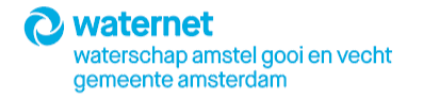
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