

This is supplementary material to:

Creating the Dutch One Health Shared Socio-economic Pathways (SSPs)
in Regional Environmental Change

Martha Dellar (a,b*), Gertjan Geerling (b,c), Kasper Kok (d), Peter van Bodegom (a), Maarten Schrama (a), Eline Boelee (b)

a Institute of Environmental Sciences, University of Leiden, Van Steenis Building, Einsteinweg 2, 2333CC, Leiden, The Netherlands

b Deltares, Daltonlaan 600, 3584BK, Utrecht, The Netherlands

c Department of Environmental Science, Radboud Institute for Biological and Environmental Sciences, Radboud University, Nijmegen, the Netherlands

d Environmental Systems Analysis, Wageningen University, P.O. Box 47, 6700, AA Wageningen, The Netherlands

*Corresponding author: m.e.dellar@cml.leidenuniv.nl

English



Question Tour Block 1

Welcome to our survey on future scenarios for the Netherlands.

Thank you for participating - your input is appreciated.

We estimate that this survey will take about 15 minutes to complete.

Our project

We are organising this survey to help us create scenarios for estimating potential future health risks in the Netherlands. These scenarios will be based on the Shared Socio-economic Pathways (SSPs), combined with other available scenarios. We would like to find out how people use scenarios and also how we can relate the SSPs to existing Dutch scenarios. This work is being done as part of the [One Health PACT](#) project.

If you have any questions about our work then feel free to contact us at:

martha.dellar@deltares.nl

Data protection

For the research we will ask for your name, job title and organisation, there is also an option to provide your e-mail address. To use this data during our research we need your consent. This information will be used to support our analysis and (if you give permission) to contact you for further details and to share results of the research.

If you change your mind about our use of this data, you can send an e-mail to

martha.dellar@deltares.nl with a short message indicating that you want your personal data to be removed. Your name will be permanently deleted from the collected data. Any other information that can be traced back to you will also be permanently deleted.

After completion of this research project, your data will be stripped of your name and other information that can identify you. Please indicate if you consent to our use of your data under these conditions:

- ☐ I consent to my data being used under the conditions described above
- ☐ I do not consent to my data being used

About you

Name

Organisation

Job title

When choosing whether to use a set of existing scenarios, how important are the following factors to you?

	Not at all important	Quite unimportant	Medium	Quite important	Very important
How long ago the scenarios were developed	☐	☐	☐	☐	☐
Whether co-creation was used in the development of the scenarios (i.e. stakeholder workshops, interviews with subject experts, etc.)	☐	☐	☐	☐	☐

In your work, do you find it more useful to use scenarios which focus on a specific topic (e.g. demographics, agriculture, water quality, ...), or which cover a broad range of topics?

- ☐ I prefer scenarios which focus on a specific topic
- ☐ No preference / Situation dependent
- ☐ I prefer scenarios which cover a broad range of topics

Please rank the following possible scenario elements in order of how useful you find them for your work (drag text to move it)

Narrative storyline

Basic quantitative summary

Extensive quantitative information

Spatial maps

Other (please specify)

Other (please specify)

Question Tour Block 2

Please indicate your degree of familiarity with the following scenarios.

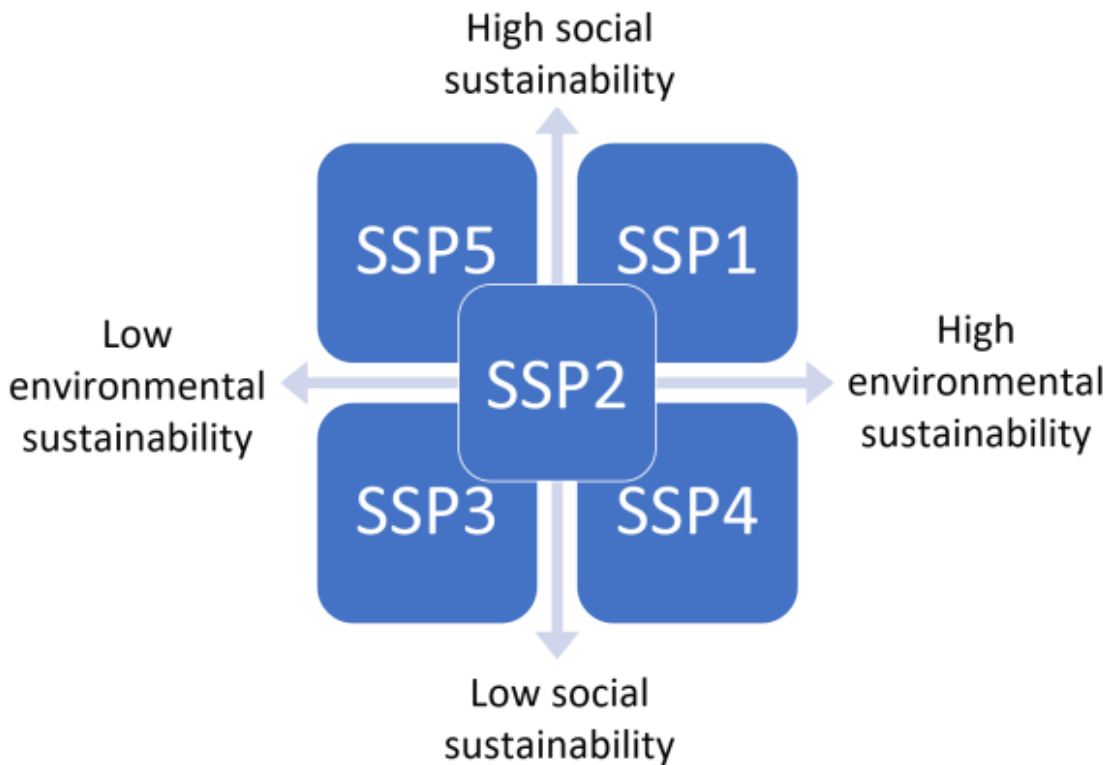
	I was involved in developing these scenarios	I have used these scenarios	I have not used these scenarios but I am familiar with them	I am not familiar with these scenarios
SSPs (Shared Socio-economic Pathways, 2017)	☐	☐	☐	☐
Delta scenarios (2018, Deltares, PBL, WEcR)	☐	☐	☐	☐
WLO2015 (2015, PBL)	☐	☐	☐	☐
Oefenen met de toekomst (2019, PBL)	☐	☐	☐	☐
Bevolking in Beeld 2050 (2020, NIDI, CBS)	☐	☐	☐	☐
Landbouw in Nederland in 2050 (2020, WUR)	☐	☐	☐	☐
Toekomstverkenning Agrofood 2050 (2020, Transitiecoalitie Voedsel)	☐	☐	☐	☐
Toekomstscenario's inkomend toerisme 2030 (2019, NBTC)	☐	☐	☐	☐

If you have experience with other scenarios that were not listed on the previous page then please add them below. We are particularly interested in Dutch scenarios on demographics, land use, agriculture, economy, governance, environment, lifestyles and health.

	I was involved in developing these scenarios	I have used these scenarios	I have not used these scenarios but I am familiar with them
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐

Shared Socio-economic Pathways (SSPs)

The [SSPs](#) are global socio-economic scenarios covering a wide range of factors (demographics, economy, energy, agriculture, ...). There are five SSPs and they can be described in different ways, for example in terms of social and environmental sustainability:



We are trying to map existing Dutch scenarios to the SSP they are most closely aligned with. This may be in terms of underlying worldview and/or quantifiable data.

You indicated that you are familiar with the [Delta Scenarios](#). We have tried to work out which of the SSP scenarios each Delta scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

DRUK → **SSP 1**
RUST → **SSP 3**
WARM → **SSP 3**
STOOM → **SSP 5**

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

☐ Disagree

☐ Don't know

You indicated that you are familiar with the [WLO2015](#) scenarios. We have tried to work out which of the SSP scenarios each WLO2015 scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

HOOG → SSP 1

LAAG → SSP 3

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

☐ Disagree

☐ Don't know

You indicated that you are familiar with the [Oefenen met de Toekomst](#) scenarios. We have tried to work out which of the SSP scenarios each Oefenen met de Toekomst scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

Groenrijk → **SSP 1**
Eigenwijk → **SSP 3**
Beursplein → **SSP 4**
Bubbelstad → **No good match**

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

☐ Disagree

☐ Don't know

You indicated that you are familiar with the [Bevolking in Beeld 2050](#) scenarios. We have tried to work out which of the SSP scenarios each Bevolking in Beeld scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

Krimp		SSP 4
Lage migratie		No good match
Grijs		No good match
Midden		SSP 1 / SSP 2
Groen		No good match
Asiel		No good match
Arbeid		No good match
Groei		SSP 5

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

☐ Disagree

☐ Don't know

You indicated that you are familiar with the [Landbouw in Nederland in 2050](#) scenarios. We have tried to work out which of the SSP scenarios each Landbouw in Nederland scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

Natuurinclusief  **SSP 1**
strikt

Natuurinclusief  **SSP 2**
voorgenomen

Productiviteit  **SSP 4**
strikt

Productiviteit  **SSP 5**
voorgenomen

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

☐ Disagree

☐ Don't know

You indicated that you are familiar with the [Toekomstverkenning Agrofood 2050](#) scenarios. We have tried to work out which of the SSP scenarios each Toekomstverkenning Agrofood scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

Alles in balans		SSP 1
Personalised health and wellbeing		No good match
Voedselgemeenschappen		SSP 3
High-tech voedselbouwstenen		No good match
Ecologisch intensief		SSP 1

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

☐ Disagree

☐ Don't know

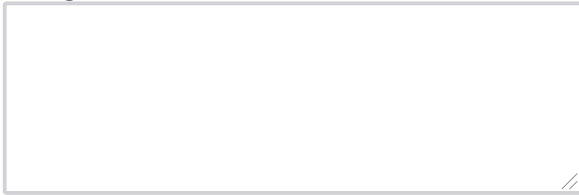
You indicated that you are familiar with the [Toekomstscenario's inkomend toerisme 2030](#) scenarios. We have tried to work out which of the SSP scenarios each Inkomend Toerisme scenario is most closely aligned with. We know they are not a perfect match, we are just looking for the 'best fit'.

Global village		SSP 5
Hostility		SSP 3
Resistance		SSP 3 (elements of SSP 4)
Resilience		SSP 1

Do you agree with this? If not, please explain why not and which pairing you think would be more appropriate.

☐ Agree

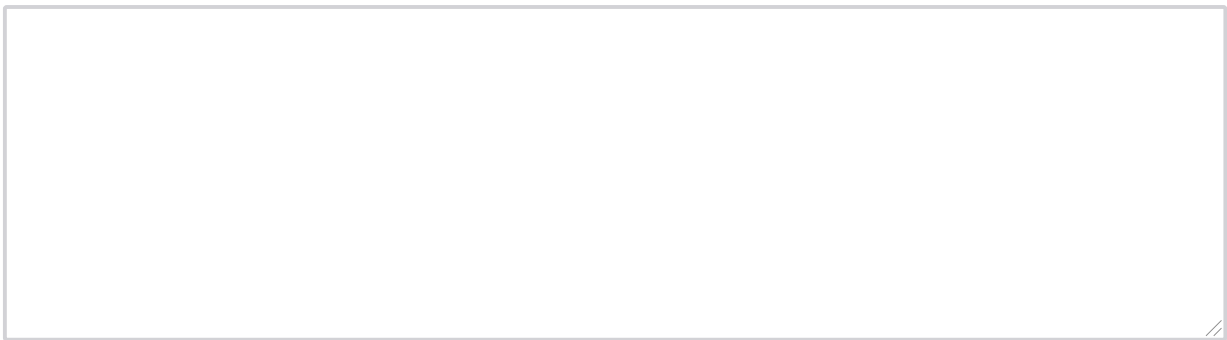
☐ Disagree



☐ Don't know

Question Tour Block 4

Do you have any other comments about scenarios that you would like to share



Would you be willing to discuss this topic in more depth in a video call?

(Indicating 'yes' does not guarantee a call - it depends how many responses we get)

☐ Yes

☐ No

Would you like to receive a summary of the results of this survey?

☐ Yes

☐ No

If you answered yes to either of the previous two questions, please provide your e-mail address so we can contact you