



On the CH2018 user experiences

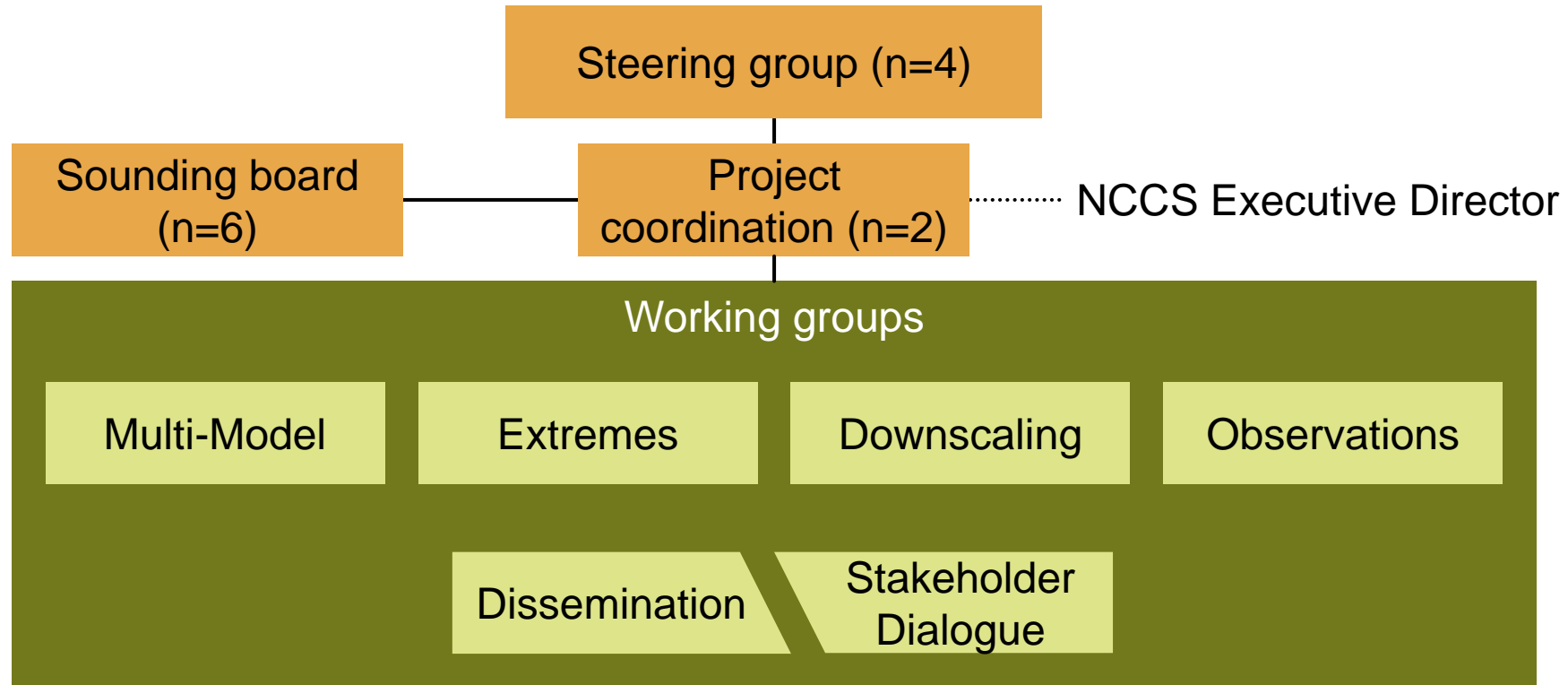
ClimatEurope Webinar, 18th April 2018

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General CH2018 background

- CH2018 updates the CH2011 Swiss climate change scenarios
- Launch date: 13th of November 2018, running since 2015.
- **Institutions:** MeteoSwiss, ETH Zurich, C2SM, University of Berne, ProClim-
- **New: Legal mandate for MeteoSwiss** to provide climate scenarios.
- **But: no official obligation for ETH** – all voluntary contributions
- **No legal use requirement:** Swiss organisations do not need to use CH2011 or CH2018 for their climate risk assessments (cf. water sector in UK)
- Running concurrent: other NCCS-projects, e.g. CC-Hydro2018 / pilot programme adaptation

CH2018 project organisation



- CH2018 is well in time: external review of scientific report (>200 pages) started in October 2017 (launch date: November 2018!).

CH2018 stakeholder engagements in 2015/6

- Externally-conducted user survey through consultancy (MeteoSwiss 2016).
- Method: 9 qualitative group interviews and quantitative questionnaire (n=115). Result
 - Feedback on use of CH2011: 50% or more used or skimmed the scenarios
 - Suggestions for CH2018: quantification of extremes, explicit co-variation of T. and precip.
- **Positive**: good basis for CH2018 development
- **Negative**: only ‘obvious’ climate-primed users asked (‘preaching to the choir’)

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Fachbericht MeteoSchweiz Nr. 258

Analyse der Nutzerbedürfnisse zu nationalen
Klimaszenarien

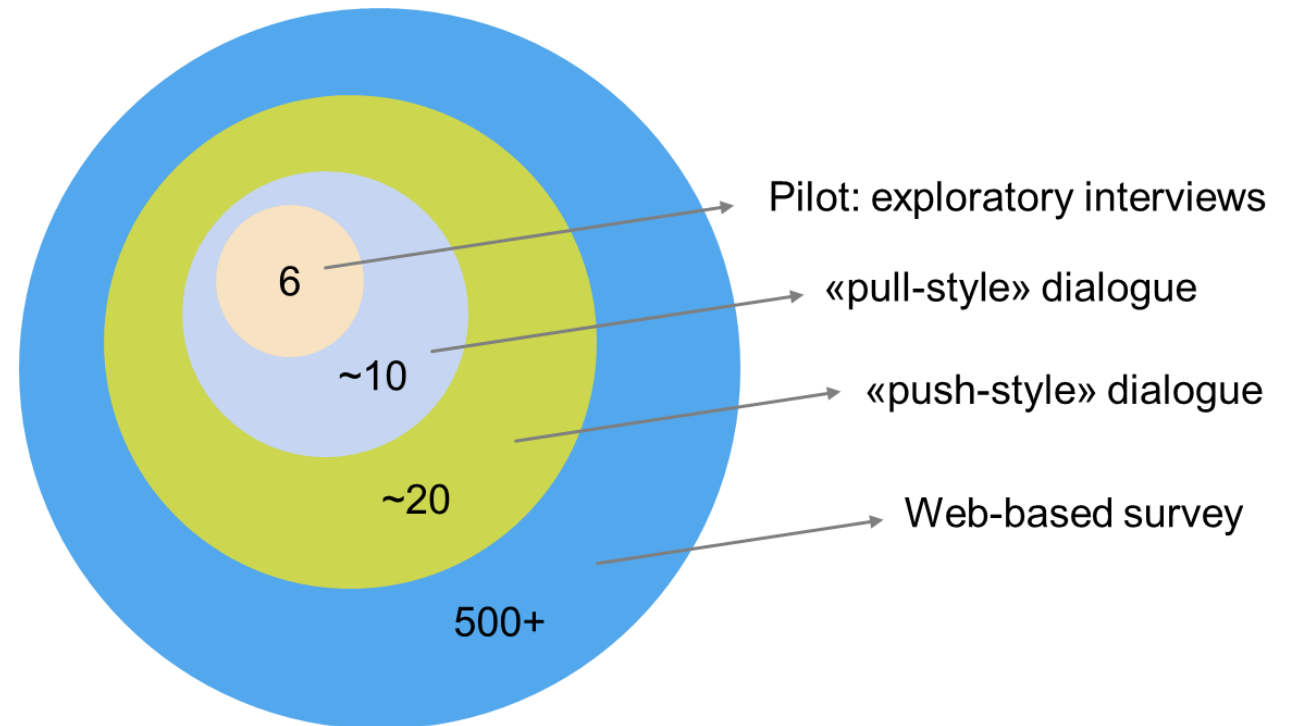
Sabine Ferch-Nielsen, Quinn Oberpriller, Niels Holthausen, Peter Locher, Sarah Schöni
(Ernst Basler + Partner AG im Auftrag der MeteoSchweiz)



In German only, but summaries in EN, IT, FR, DE

CH2018 stakeholder dialogue

- Aim: engaging with people ‘beyond the usual suspects’
- Framing: ‘Climate’ too abstract for many issues for sectors → urban heat focus
- Methods: qualitative interviews, two workshops, specifically for two Swiss cities
- But: temporal mismatch. Results from stakeholder dialogue will not be included in modelling decisions.
- Challenge: combining it with a PhD



CH2018 stakeholder dialogue & PhD Research: comparing the use of knowledge across sectors

- Aim: describing the specific decision-making process on urban heat, with focus on knowledge & knowledge access
- How do stakeholders address urban heat?
- What knowledge do they use to develop adaptation measures?
 - Rather than asking ‘what climate information do you need?’
- Understanding of knowledge transfer can lead to tailoring of climate information!
- Preliminary findings
 - All studied sectors except biodiversity seem to be **anthropocentric**
 - Environmental consultants prefer knowledge legitimated by peer-review or by political institutions.
 - Biodiversity specialists use (mainly) specialists’ opinions
 - Spatial planners prefer a ‘macro’ perspective, and balance social, architectural, geographic, and legal knowledges (trade-offs)

Closing remarks ...

- Institutional setting has a big influence on the type of user interaction:
 - PhD (not: consultancy).
 - Selection of actors driven in addition by the Swiss national adaptation strategy
 - Legal mandate for MeteoSwiss, voluntary commitment by ETH scientists
 - No legal use requirement

opening questions

- What benefits, what disadvantages does it have to 'outsource' climate dialogues to consultants (MeteoSwiss 2016) or PhD students (me)?
- How to prolong user interaction beyond completing and launching the climate scenarios?

Thanks for your attention!

CH2018 general inquiries

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CH2018 Stakeholder Dialogue

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Literature

- MeteoSwiss (2016) Analyse der Nutzerbedürfnisse zu nationalen Klimaszenarien. Fachbericht MeteoSchweiz Nr. 258. Zürich: MeteoSwiss. URL: http://www.meteoswiss.admin.ch/content/dam/meteoswiss/de/service-und-publikationen/Publikationen/doc/FB258_EBP.pdf [06.04.2018]
- Skelton M, Porter JJ, Dessai S, Bresch DN, Knutti R (2017) The social and scientific values that shape national climate scenarios: a comparison of the Netherlands, Switzerland and the UK. *Reg Environ Change* 17(8), p. 2325-2338. DOI: [10.1007/s10113-017-1155-z](https://doi.org/10.1007/s10113-017-1155-z)