

# EUPORIAS

## A 5 MINUTES SUMMARY

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ECOMS CONFERENCE  
EXETER

05/09/2016

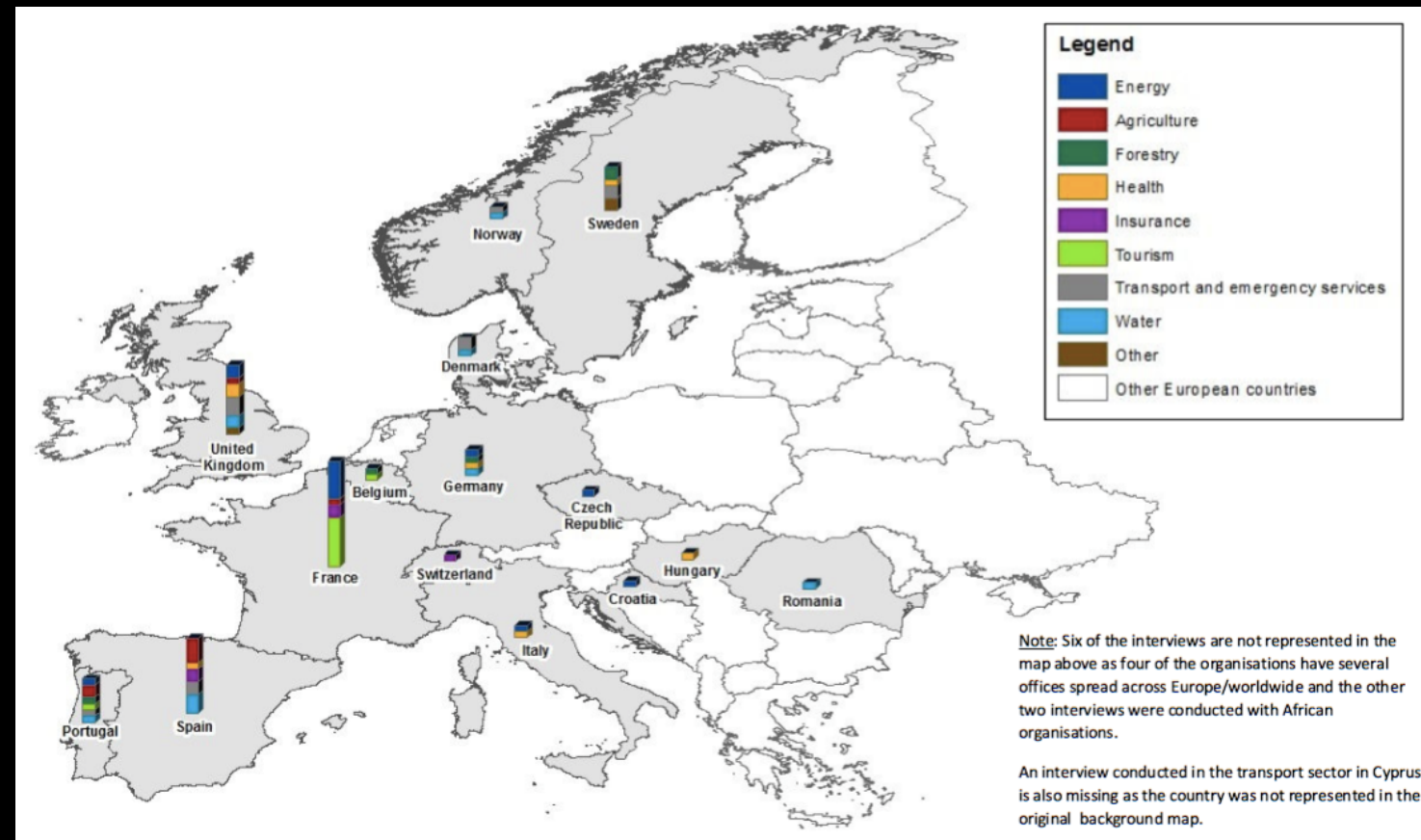
carlo.buontempo@metoffice.gov.uk

@euporias

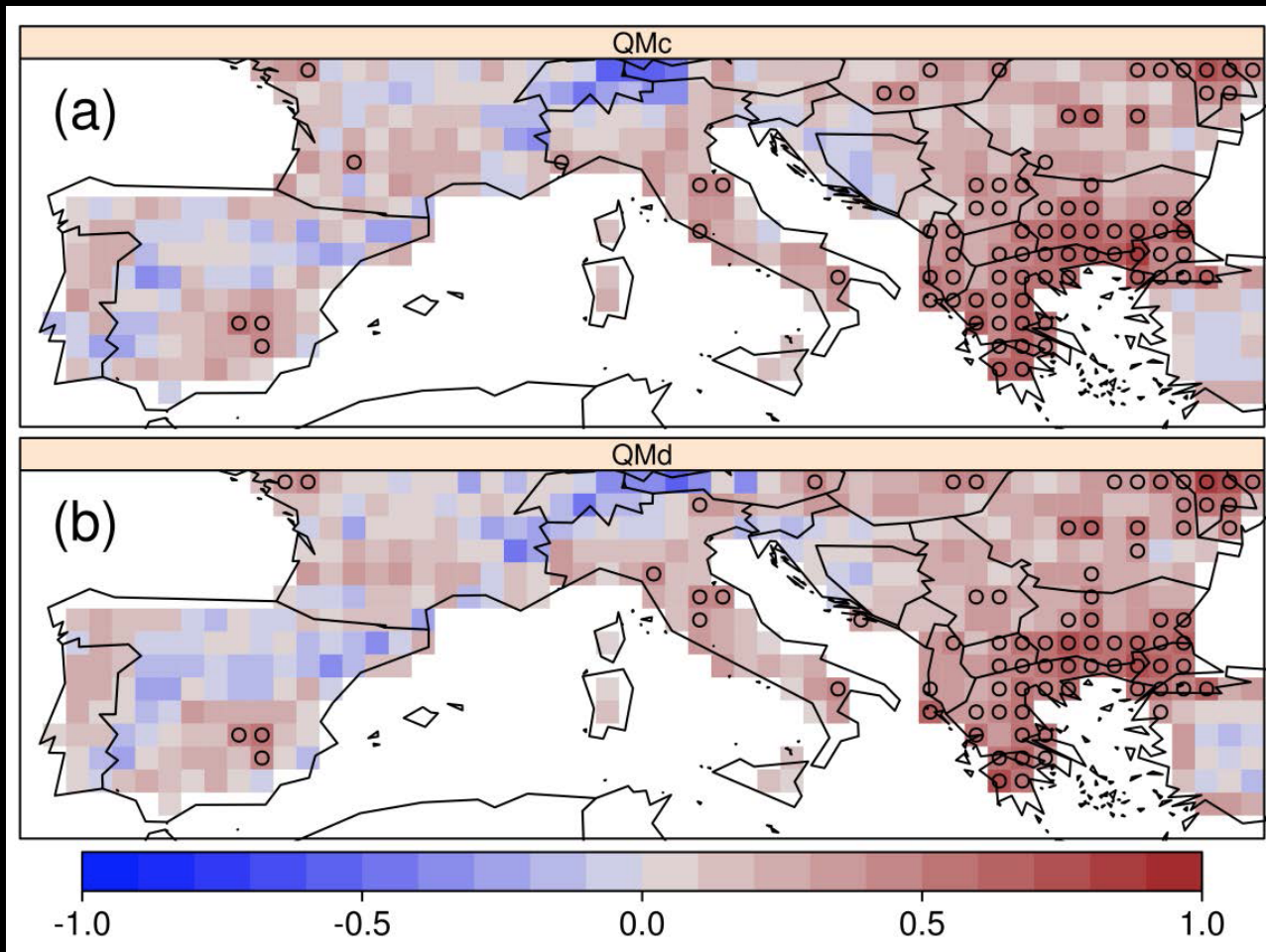


# Landscape

- The first comprehensive analysis of the use of seasonal climate forecasts in multiple sectors
- Understanding of main barriers and enablers to the use of seasonal forecasts.



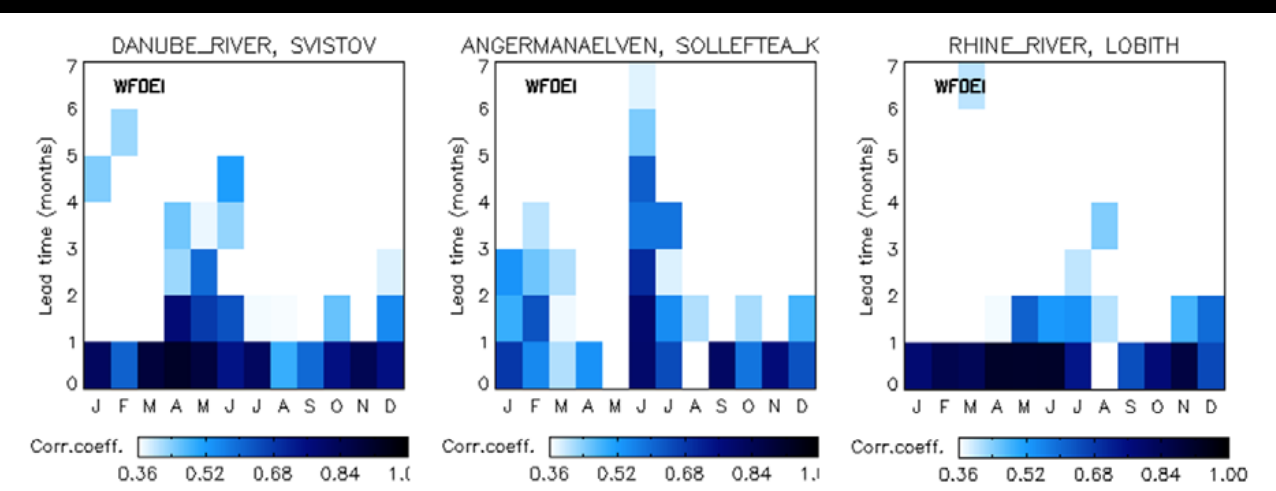
# Science innovation



The use and the value of user relevant indices.

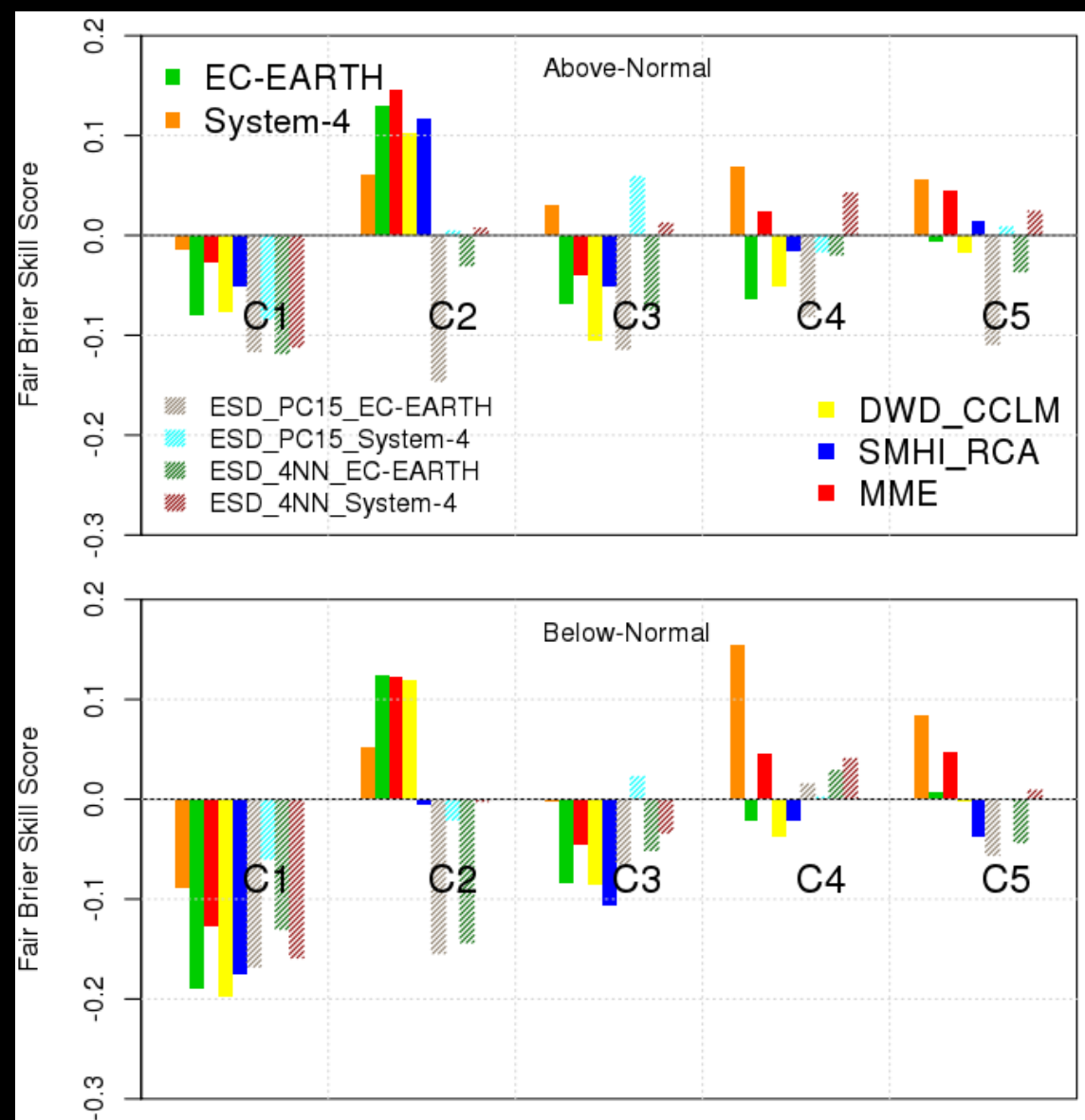
Impact model initialisation (crops and hydrology)

Incremental disclosure of information including uncertainty.

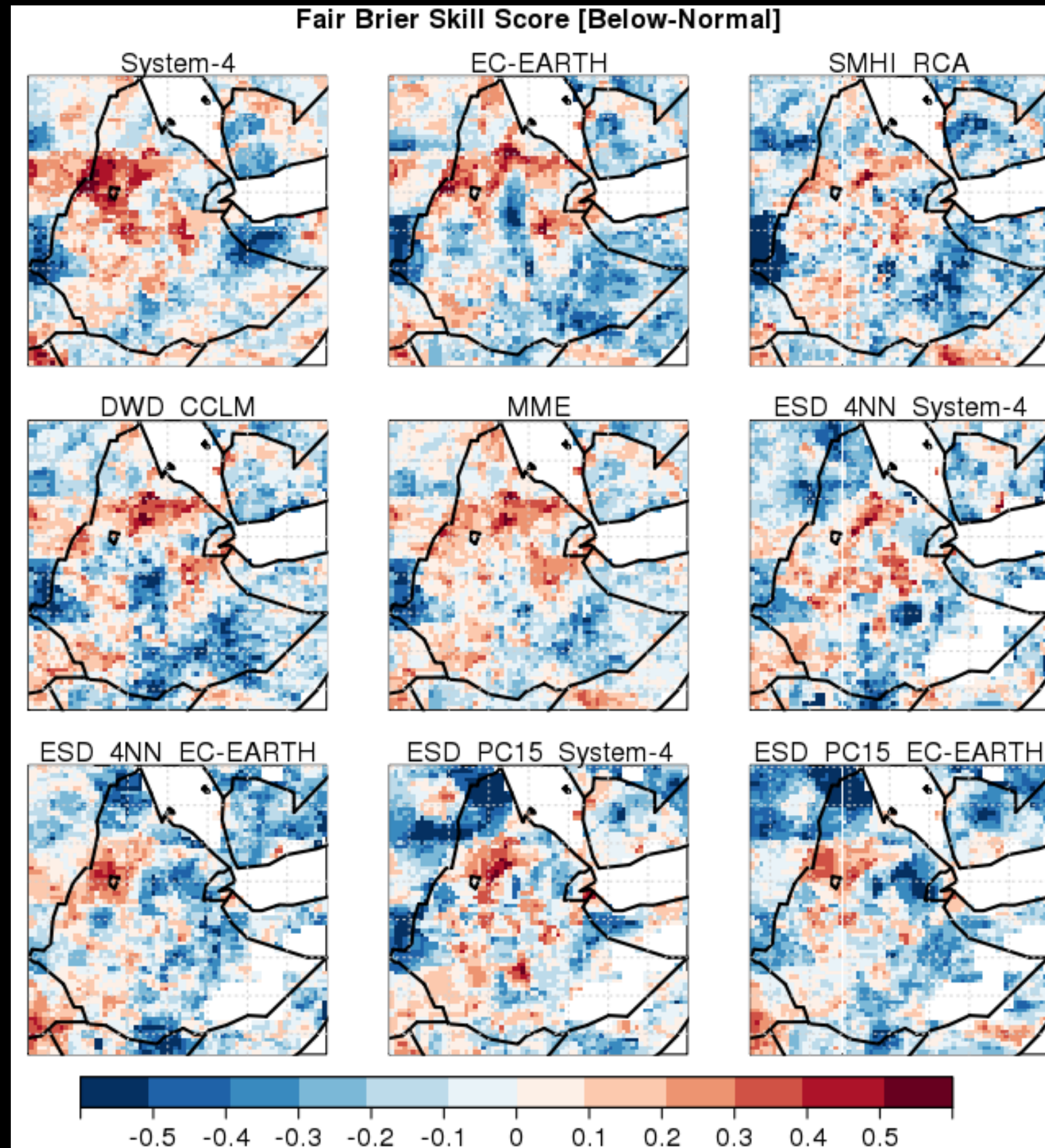


Statistical and dynamical downscaling of seasonal predictions.





- More of this on Thu afternoon





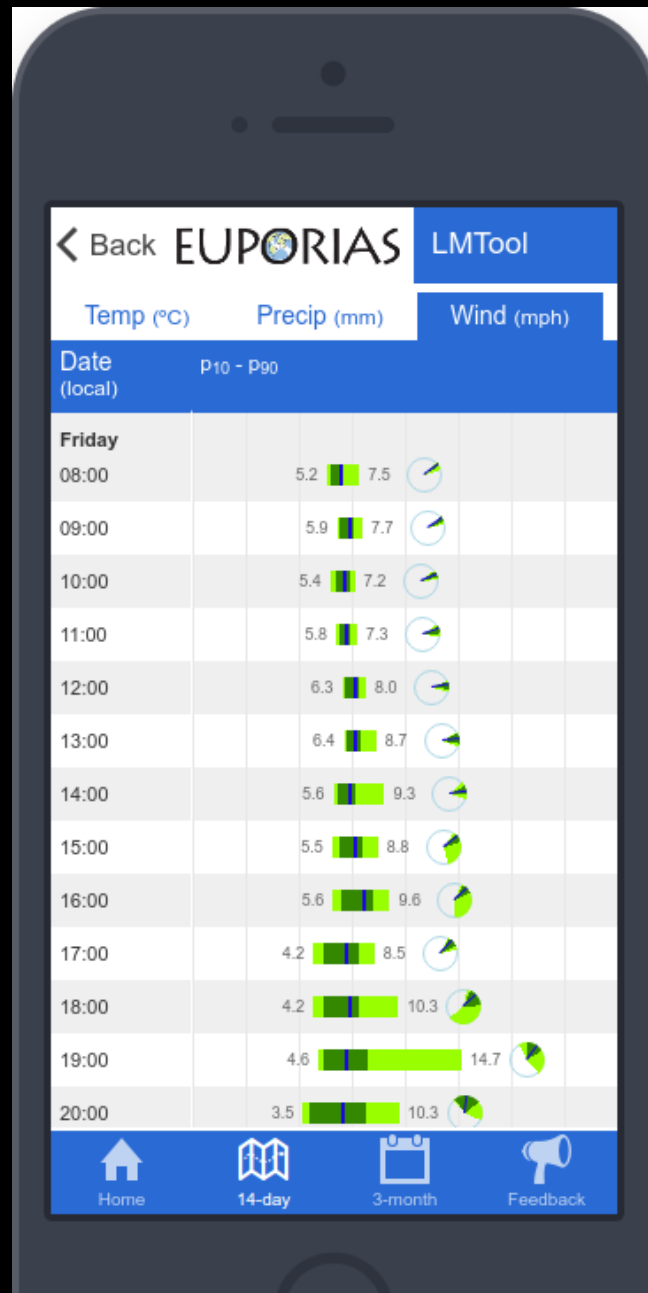
# The prototypes

- From 70 stakeholders to 5+1 prototypes: selection and development.
- Users see no obvious boundary between weather and climate.
- Building trust is way more complex but also more valuable than simply displaying information.

Viel, C., Beaulant, A.-L., Soubeyroux, J.-M., and Céron, J.-P., Adv. Sci. Res., 13, 51-55, doi:10.5194/asr-13-51-2016, 2016.

Hemment, D. "Drew Hemment & Moritz Stefaner." Emily Carr University of Art+ Design Vancouver, Canada (2016): 48.

# It works!



- If a farmer changed his behaviour and his decision on the basis of the information we provided through our mobile app it means it is possible to add user relevance to climate information through a combination of post-processing and reactivity to user feedbacks.

# The legacy

- New insights into the black art of climate service development including:
  - the importance of easy access to standardised data and metadata: ECOMS-UDG, R-tools.
  - the user engagement as a journey to take together
- a special issue on the Journal of Climate Services is in preparation.
- A new pan-European climate service community.

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More of this on Friday afternoon



