

Participatory deep dives with climate services users



Formal standardization initiatives

European Commission and CEN

- European Commission mandate to CEN
 - Reviewing 350 EN norms to introduce Climate change adaptation criteria.
 - Development of a norm for Climate services.
- CEN/TC 467 (Climate change) call for experts.
- Adaptation to climate change Coordination Group (led by DIN)



EUROPEAN COMMITTEE
FOR STANDARDIZATION

International Standardization Organization



- ISO/TC 207/SC 7/TG 2 (“Adaptation”) 15/02/2024
- A New Work Item Proposal NWIP for ISO/TS 14092 (Adaptation to climate change - Requirements and guidance on adaptation planning for local governments and communities) is being prepared.
- Discussion on the development of a document on defining the term “Resilience”.
- Discussion on the development of an outline paper on asset management.
- Agreement on the development of an academic paper and/or guide for adaptation practitioners to support ISO 14090.
- Discussion on the development of additional standards supporting ISO 14090 on
 - Identifying uncertainties (How to deal with it)
 - Risk assessment (Examples and “ingredients”)
 - Threshold analysis (tipping points)
 - Developing adaptation capacities (How and cases)
 - Preparing a climate Risk assessment (relationship between asset management, climate risk assessment and adaptation to climate change)

Participatory exercise

The purpose

Engage all participants of the festival
in a participatory exercise
to **brainstorm** and **discuss together**
four key topics from the first synthesis report.

Four dialogue stations

- User driven knowledge about climate services
- Criteria and indicators for high quality climate services
- Exploring the value of standardised climate services
- How climate services can be effective through equity

Jorge Paz, Tecnalia

Andreas Villwock, Hereon

Isadora Jiménez, Lobelia Earth

Grit Martinez, Ecologic

Nominal Group Technique



Brainstorming

Bring as many ideas as possible

5 minutes



Sharing

Share ideas & Group Stickers by topic

10 minutes



Clarification & Discussion

Move individual topic stickers or groups

10 minutes



Voting

Team voting time

5 minutes

Public
administration

Academia
&
Research

Private
sector

Other

Select the station of your preference

30 minutes session

Move to new station

30 minutes, building on previous results

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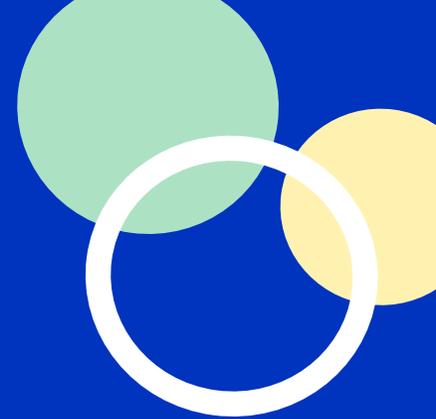
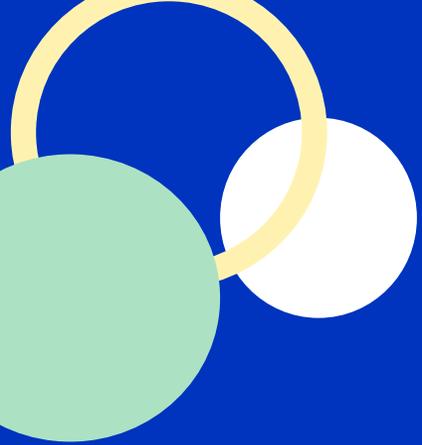
5 minutes

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Other





Climate information use across Europe

Dr. Sam Grainger, Dr. Andrea Taylor,
Prof. Suraje Dessai (University of Leeds, UK)
and ASPECT partners.

Climateurope 2 festival
13 March 2024



Funded by
the European Union

Who did we survey?

Screening questions

Organisations **sensitive or impacted in some way** by weather or climate.

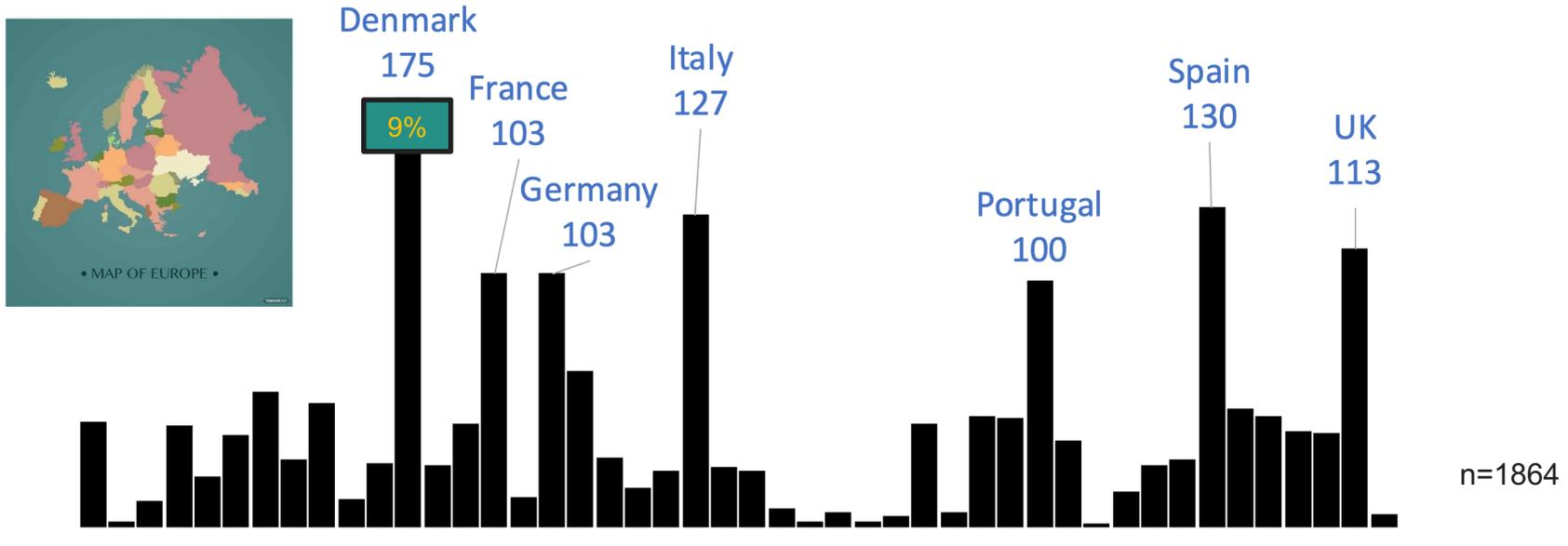
Individuals with **at least 1 year** of experience.

➔ **1864 respondents.**

Where are they operating?

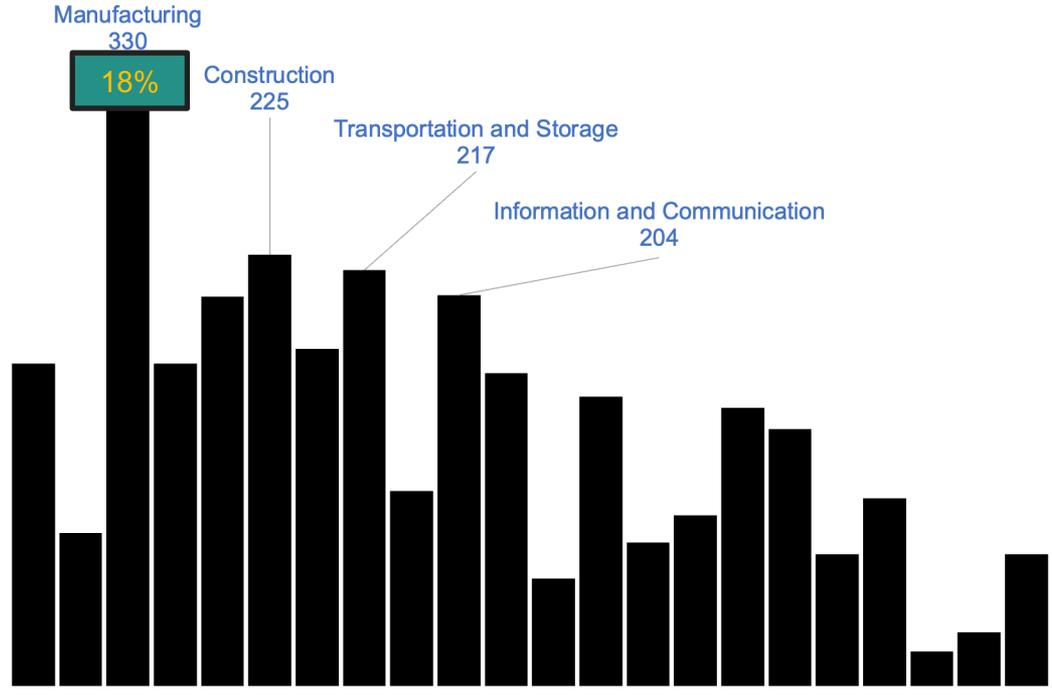
Almost all European countries.

Strong representation from **countries with larger populations.**



Types of organisations

Mostly from **large, national or multi-national** companies (62%).



n=1864
Choose >1

Planning horizons



How far into the future organisations plan.

~90% plan 1 month to 10 years ahead.

~20% between 2 and 5 years.

Indicates varied strategic approaches in response to climate risks.

Survey findings

How weather/climate impacts organisations



Diverse Weather/Climate Impacts – Choose 1

- Out 35 possible weather events or trends, extreme heat most cited (15%), followed by heavy rainfall (8%) and warmer climate (6%).
- Each option selected, indicating a wide range of climate sensitivities across organisations.

Organisational Impacts – Choose >1

- People (43%), premises (33%), and processes (33%) as key impact areas.

01

Information use

Do organisations use weather/climate information?

A thick yellow horizontal bar followed by two yellow dots.

77% actively use weather/climate information in their roles.

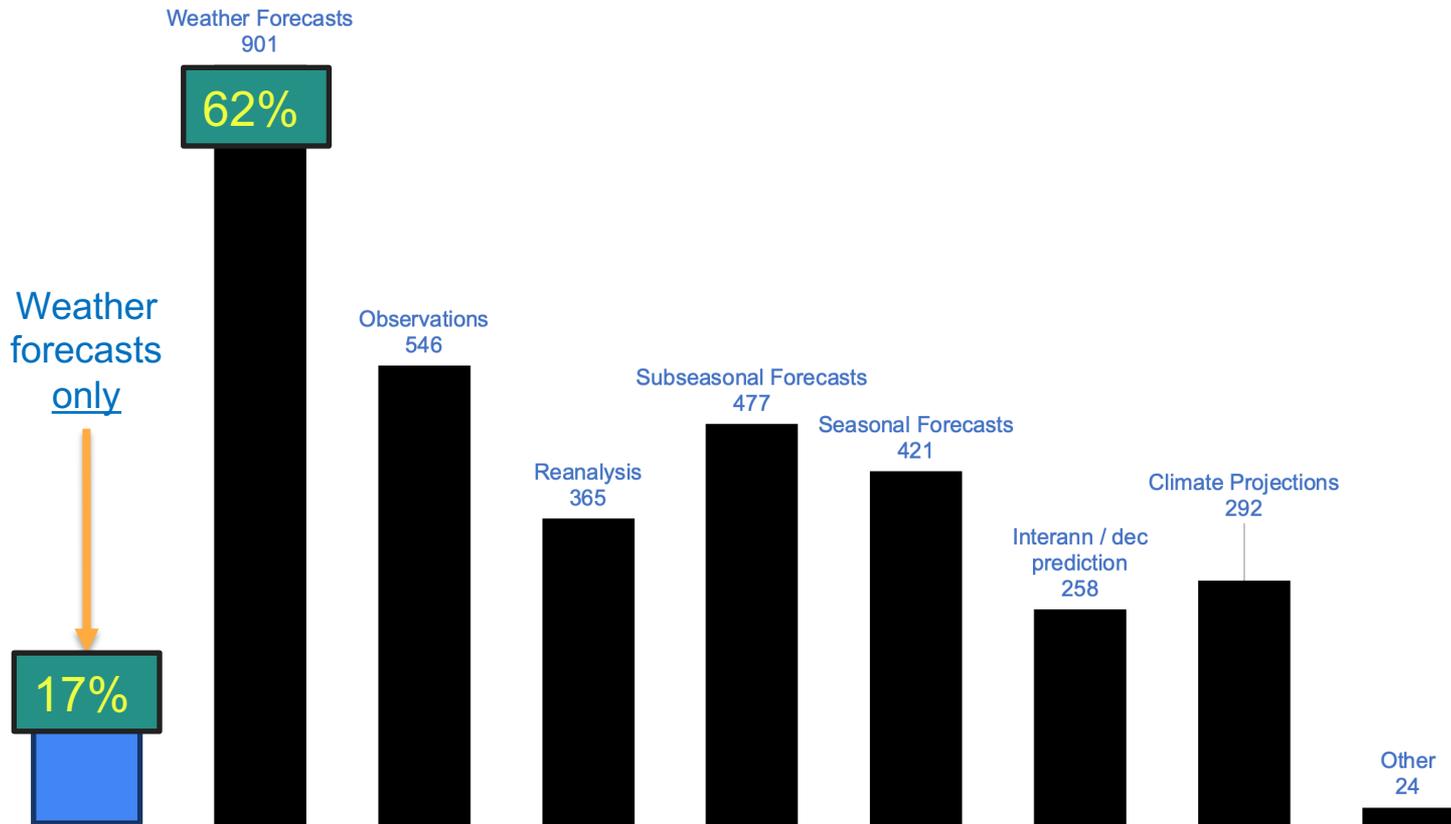
52% of non-users believe they might need such information in the future.

Altogether, nearly **90% either use or see potential value in using** weather/climate information.

Reasons for Non-Usage – Choose >1

- 55% “not required in their role”.
- 15% “Expensive”
- 15% “is it useful?”

What types of information?



n=1443
Choose >1

Where are they getting it from?

A thick yellow horizontal bar is positioned below the title. To its right, two yellow circular dots are spaced out horizontally.

National meteorological services scored highly across all types, especially weather forecasts.

Private companies more frequently reported for sub-seasonal and interannual predictions.

> **70% of users pay** for their weather/climate information.

User satisfaction?



Improvements needed

- ~35% want information that is “**easier to understand**”.
- Enhanced **reliability and accuracy** of forecasts.
- Improved **timeliness and accessibility** of information.

High Confidence Levels

- Approximately **70% express confidence or high confidence** in the relative quality of information they use.

In summary...



Climate impacts: European organisations affected by wide range of Weather/climate conditions.

Information use: Weather information more commonly used than climate information.

Providers: Mainly from national met services and private companies.

Improvements: Need better understandability, reliability, accessibility, and timeliness.



Thanks for listening!

CONTACT

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**Funded by
the European Union**

This project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101081460. The sole responsibility for the content of this document lies with the ASPECT project and does not necessarily reflect the opinion of the European Union.