



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 **Jorge Paz**, Tecnalia
- Criteria and indicators for high quality climate services **Andreas Villwock**, Hereon
- Exploring the value of standardised climate services **Isadora Jiménez**, Lobelia Earth
- How climate services can be effective through equity **Grit Martinez**, Ecologic

Nominal Group Technique



Brainstorming

Bring as many ideas as possible

5 minutes



Sharing

Share ideas & Group Stickies by topic

10 minutes



Clarification & Discussion

Move individual topic stickies 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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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.

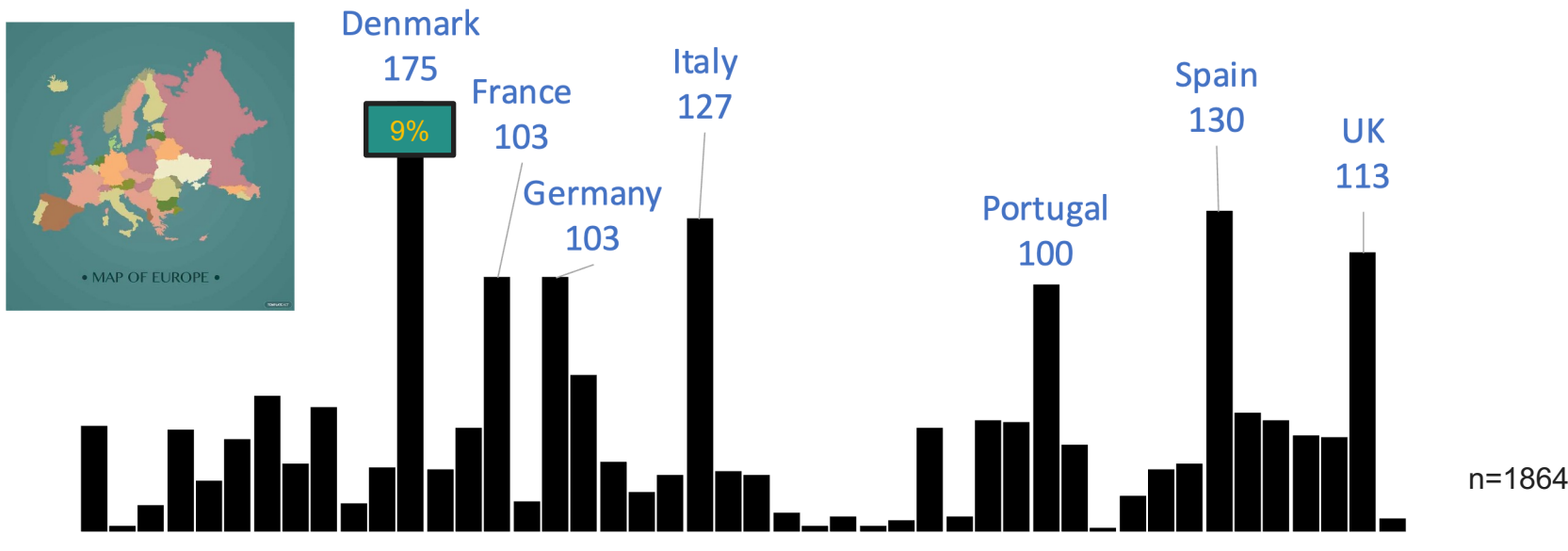
Individuals with **at least 1 year** of experience.

➡ **1864 respondents.**

Where are they operating?

Almost all European countries.

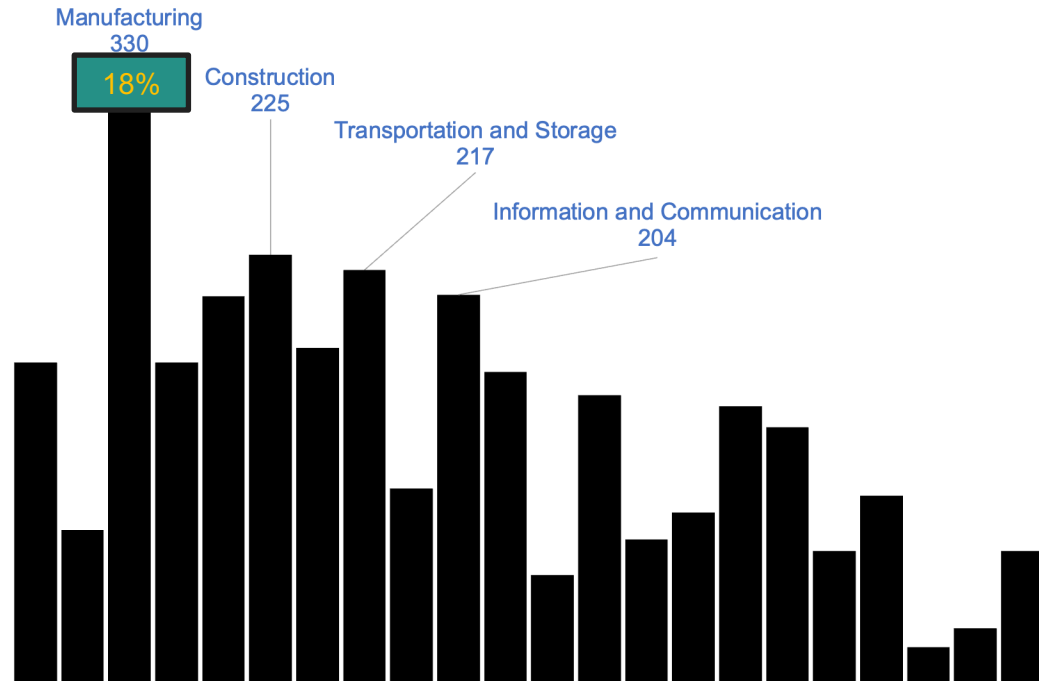
Strong representation from **countries with larger populations.**



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?

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

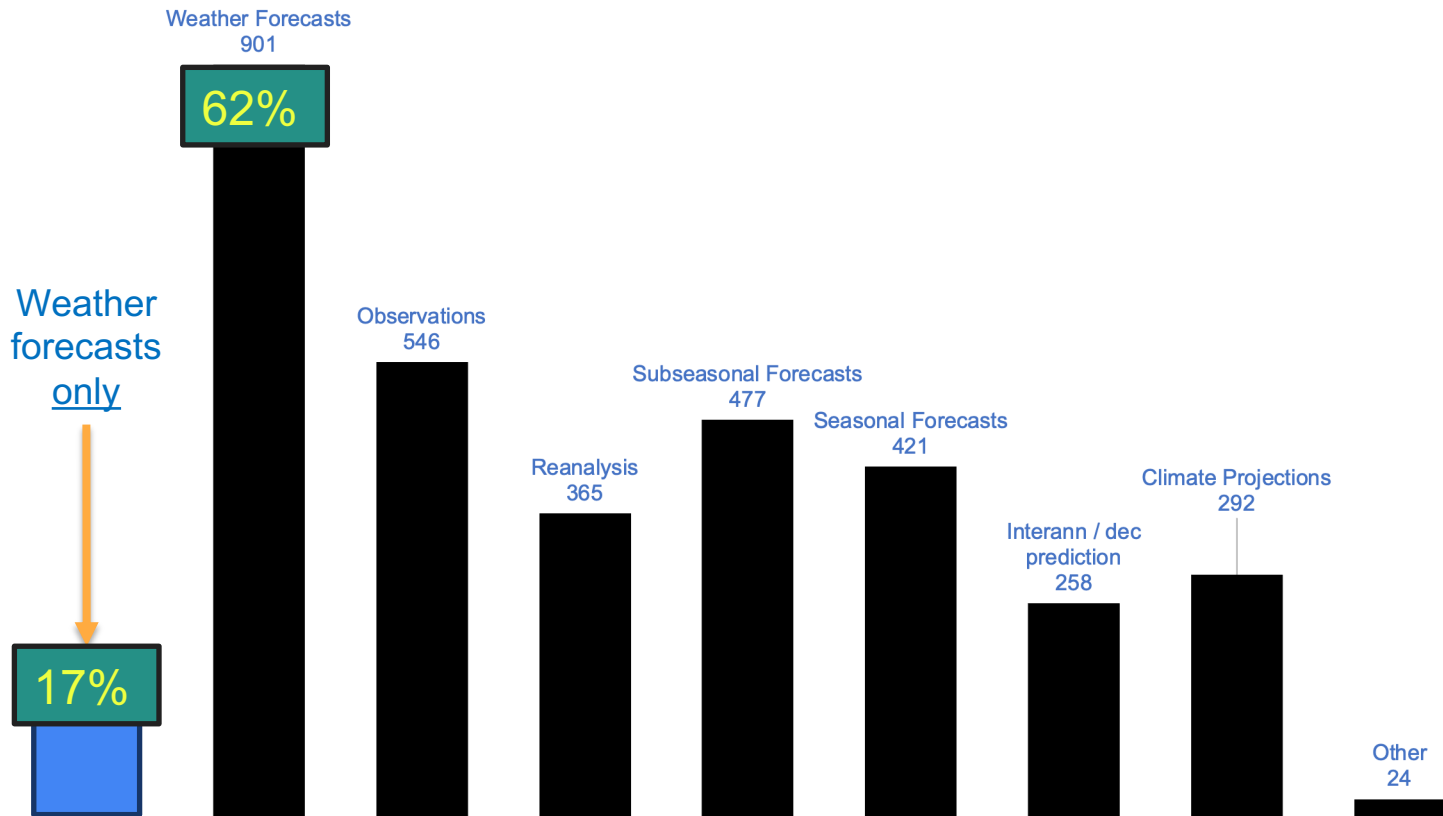
52% of non-users believe they might need such information in the future.

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 followed by two yellow dots.

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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