

Climate information use in organisations in Europe

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Research aim

To understand how climate-sensitive organisations in Europe use climate information.

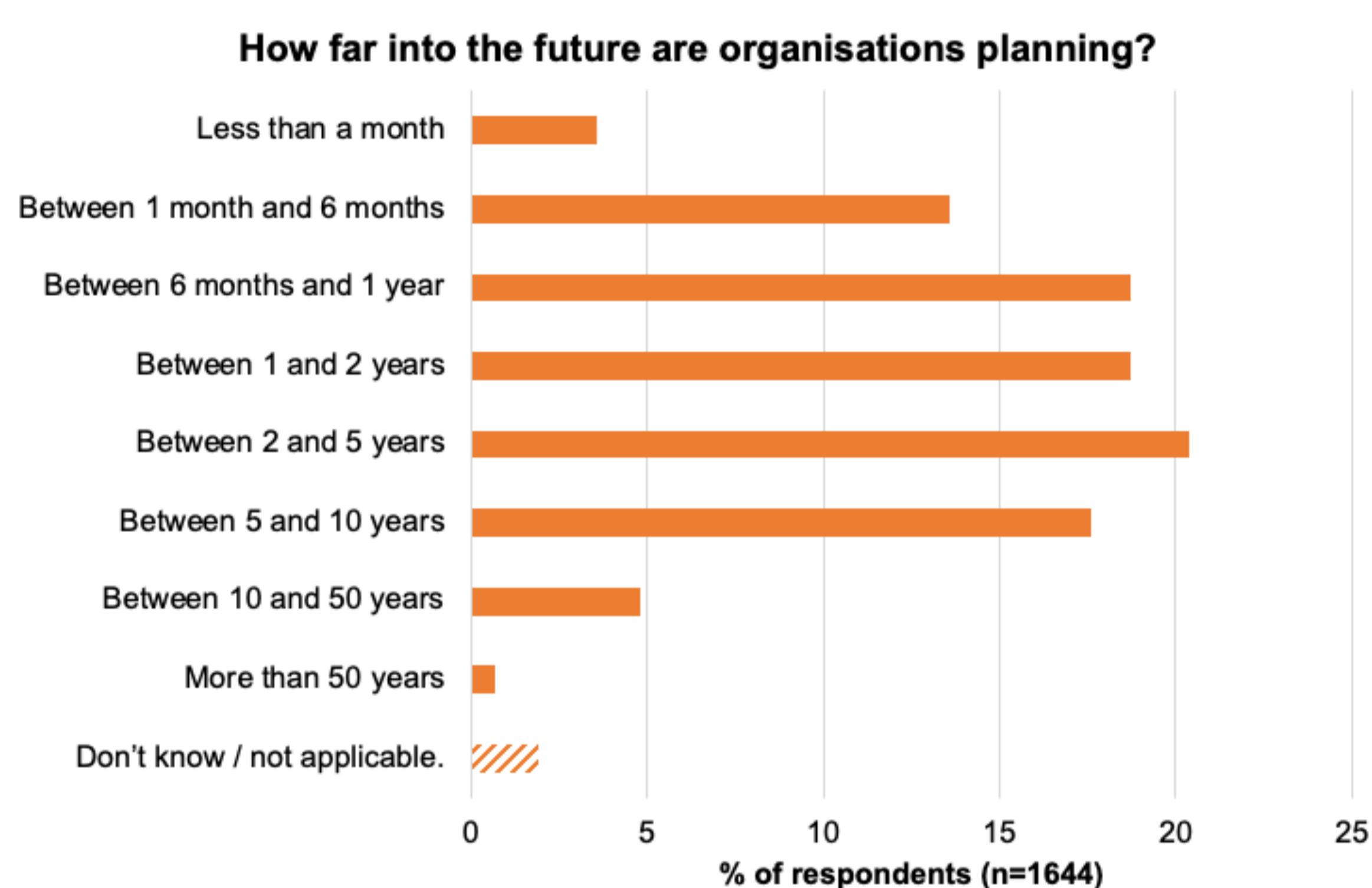
Method

Between October 2023 and January 2024, we surveyed 1864 individuals (e.g. analysts, managers, and planners) from climate-sensitive organisations across a broad range of European countries, with the help of a sample recruitment company. Our focus encompassed organisations of all sizes and sectors.

Key findings

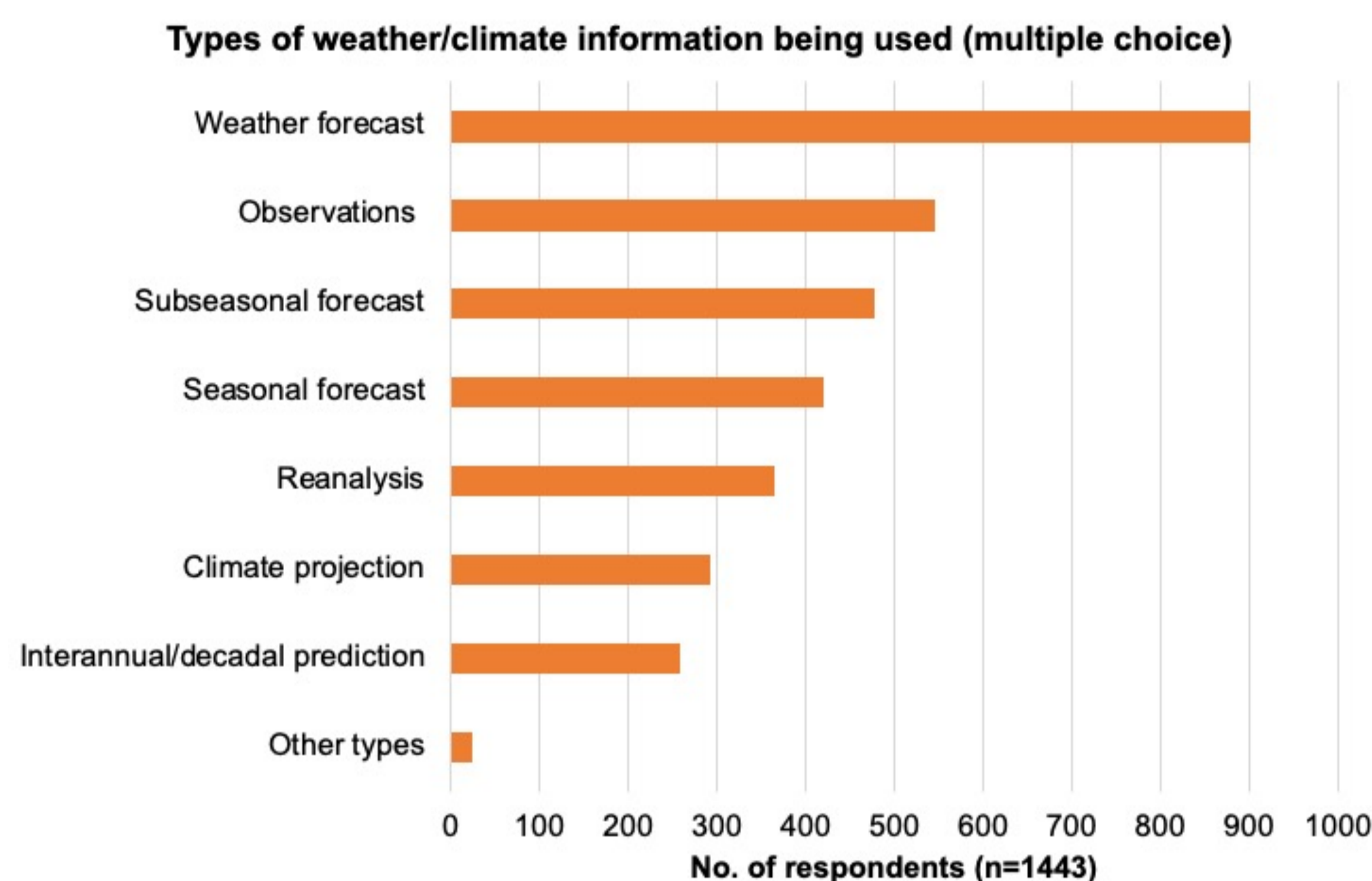
- European organisations are most impacted by extreme heat and heavy rainfall events.
- Many of these organisations use weather/climate information, primarily for strategic planning with a time horizon of up to 10 years.
- Most common providers of information are national meteorological services and private companies.
- There is a clear need for improvements in the understandability, reliability, accessibility, and timeliness of this information.

Decision timescales

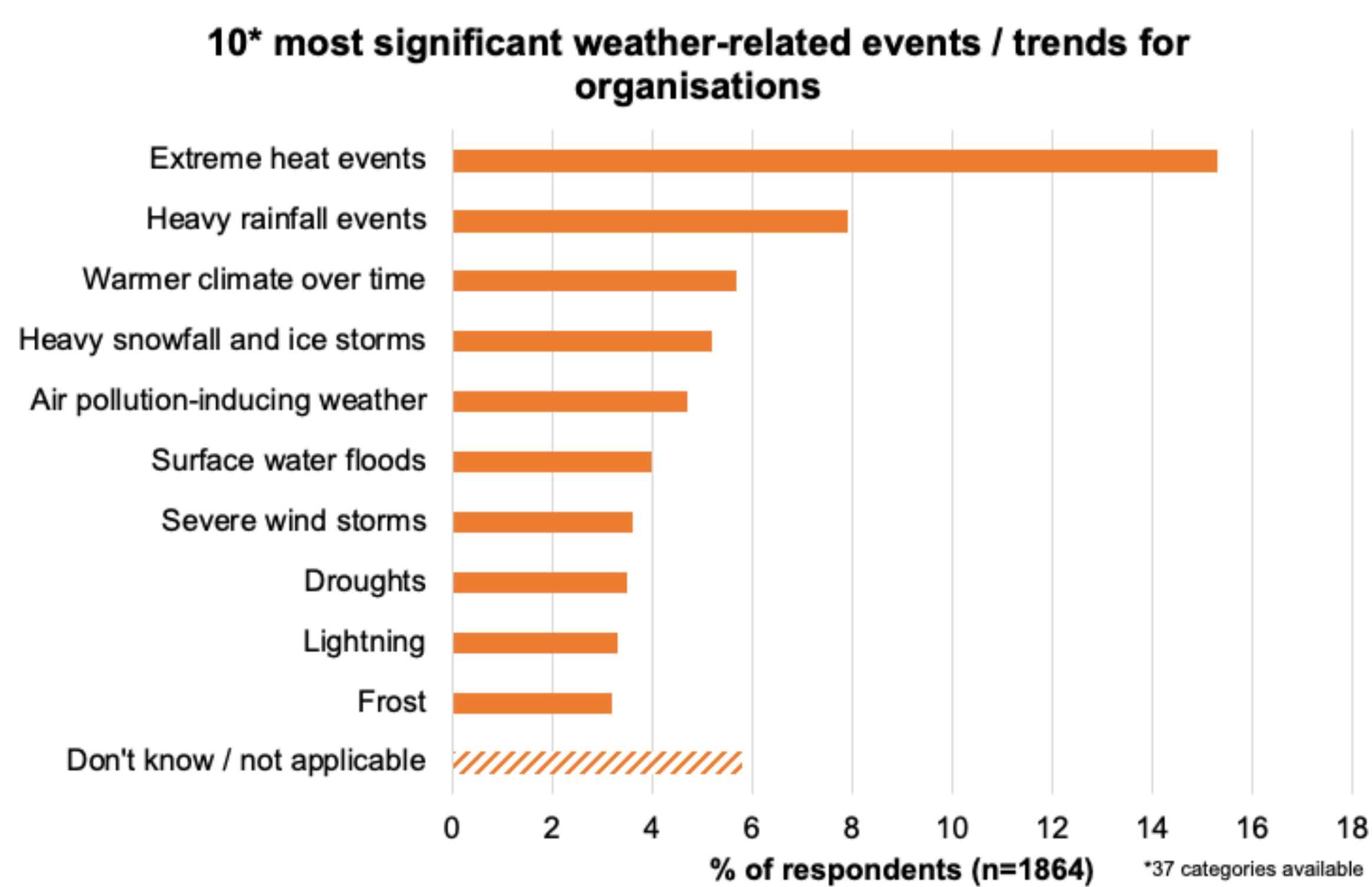
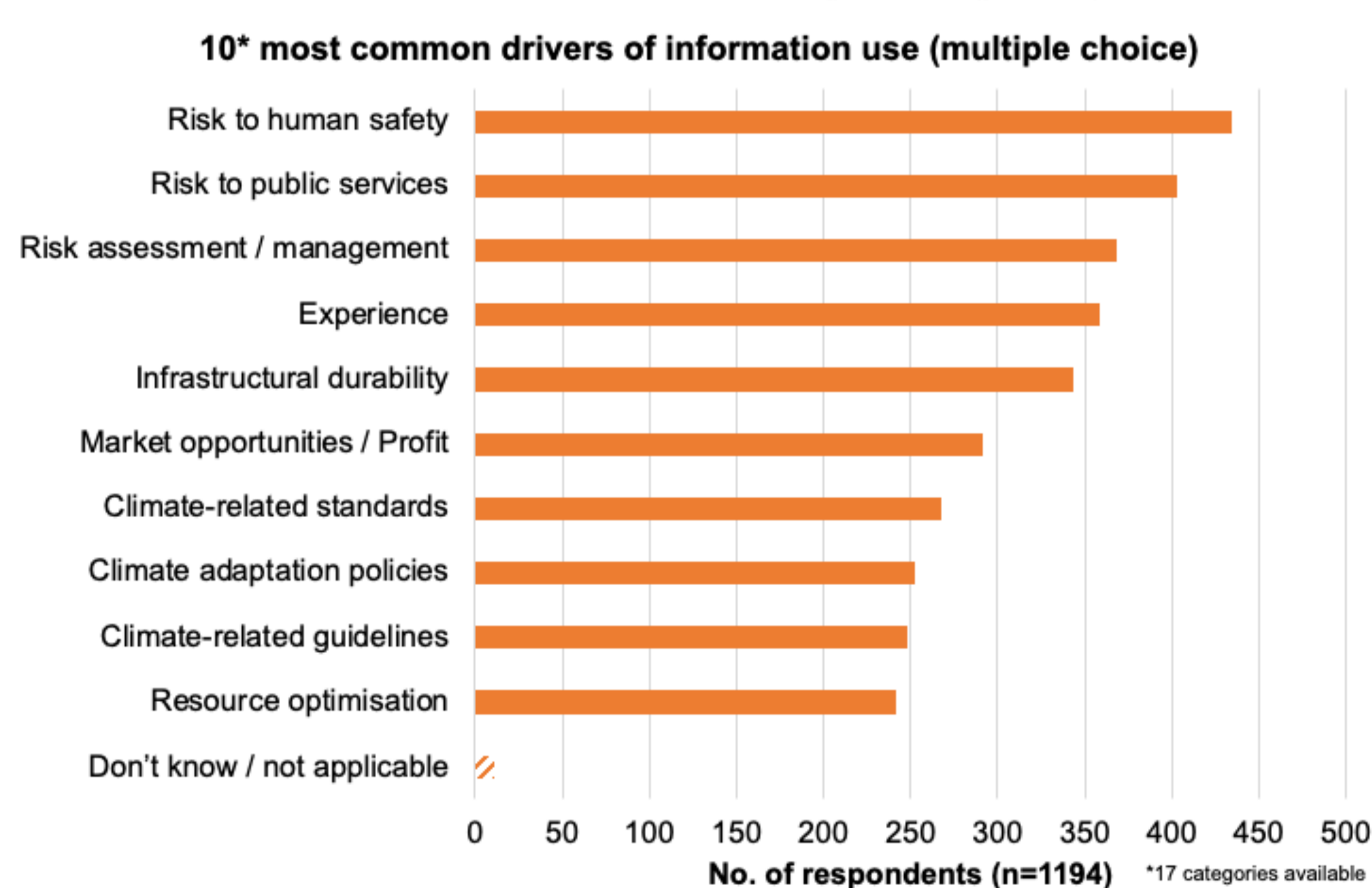
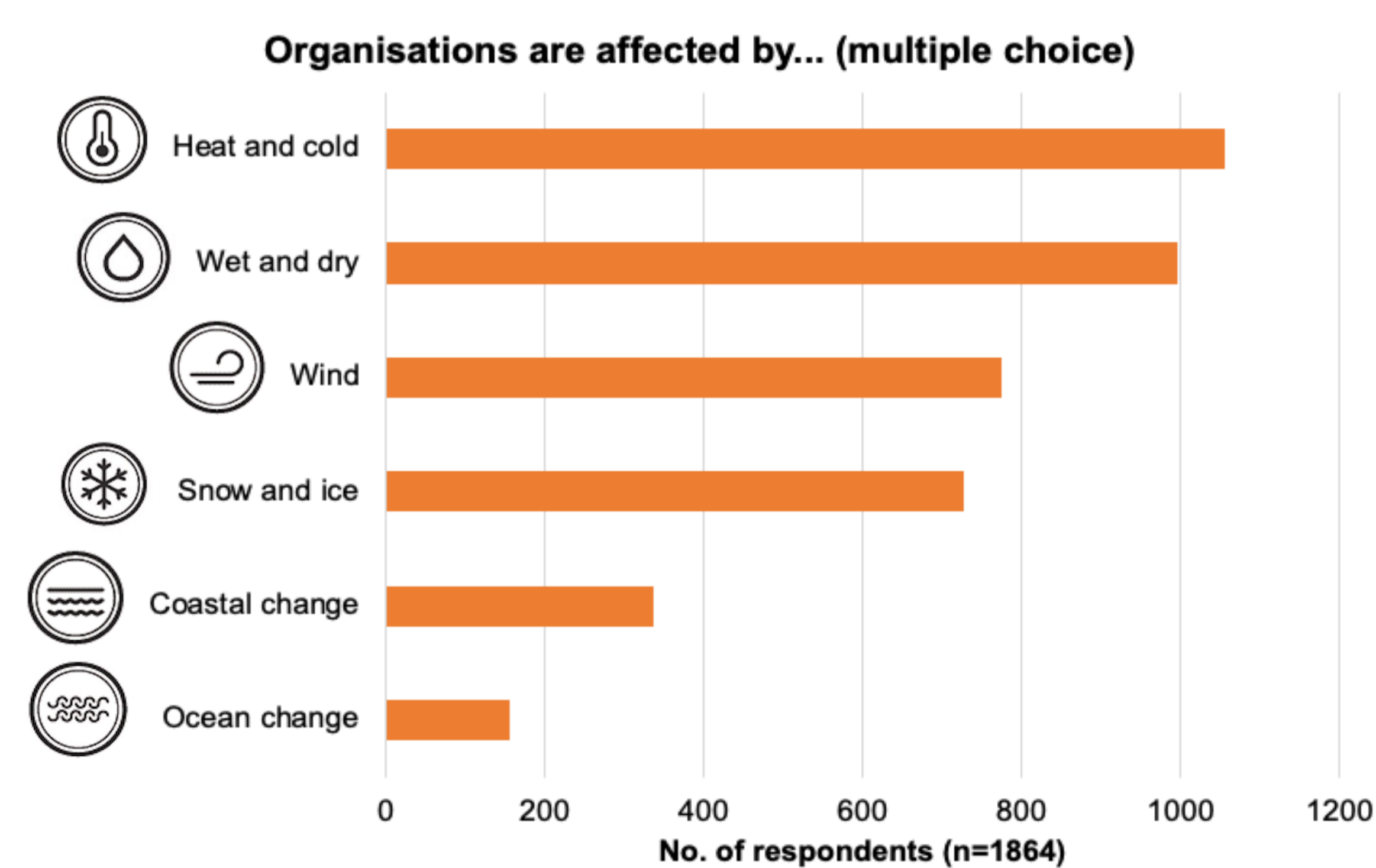


Information use

- 77% use weather/climate information (n=1864).
- Of those organisations that use climate information, 72% pay for it (n=1186).



Climatic impact-drivers



Information sources (multiple choice)

	Projections (n=292)	Interann/decadal (n=258)	Seasonal forecasts (n=421)	Subseasonal forecasts (n=477)	Reanalysis (n=365)	Observations (n=546)	Weather forecasts (n=652)
National Met / gov	126	85	171	176	112	227	446
C3S	98	71	106	156	148	156	158
IPCC	122	117	167	149	143	175	175
Private companies	103	99	135	176	122	162	196
Own data	85	77	131	122	107	172	212
Other sources	21	31	30	56	31	33	43
Don't know / NA	6	4	15	8	4	17	9

Communication formats (multiple choice)

	Projections (n=292)	Interann/decadal (n=258)	Seasonal forecasts (n=421)	Subseasonal forecasts (n=477)	Reanalysis (n=365)	Observations (n=546)	Weather forecasts (n=652)
Raw data	122	66	126	123	105	205	313
Written text	123	110	184	218	175	227	248
Orally	96	125	151	167	156	173	196
Visually	149	98	186	193	135	210	313
Others	14	22	18	16	9	35	33

Acknowledgements

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