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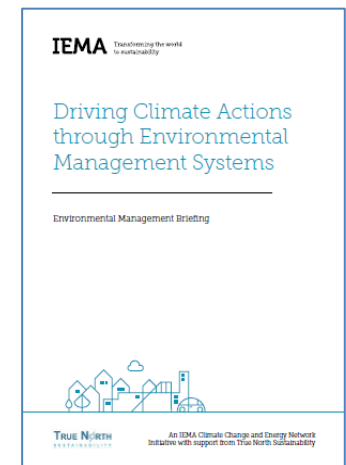
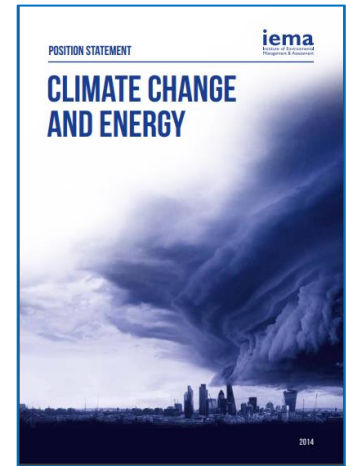


# Climate & Environmental Emergency

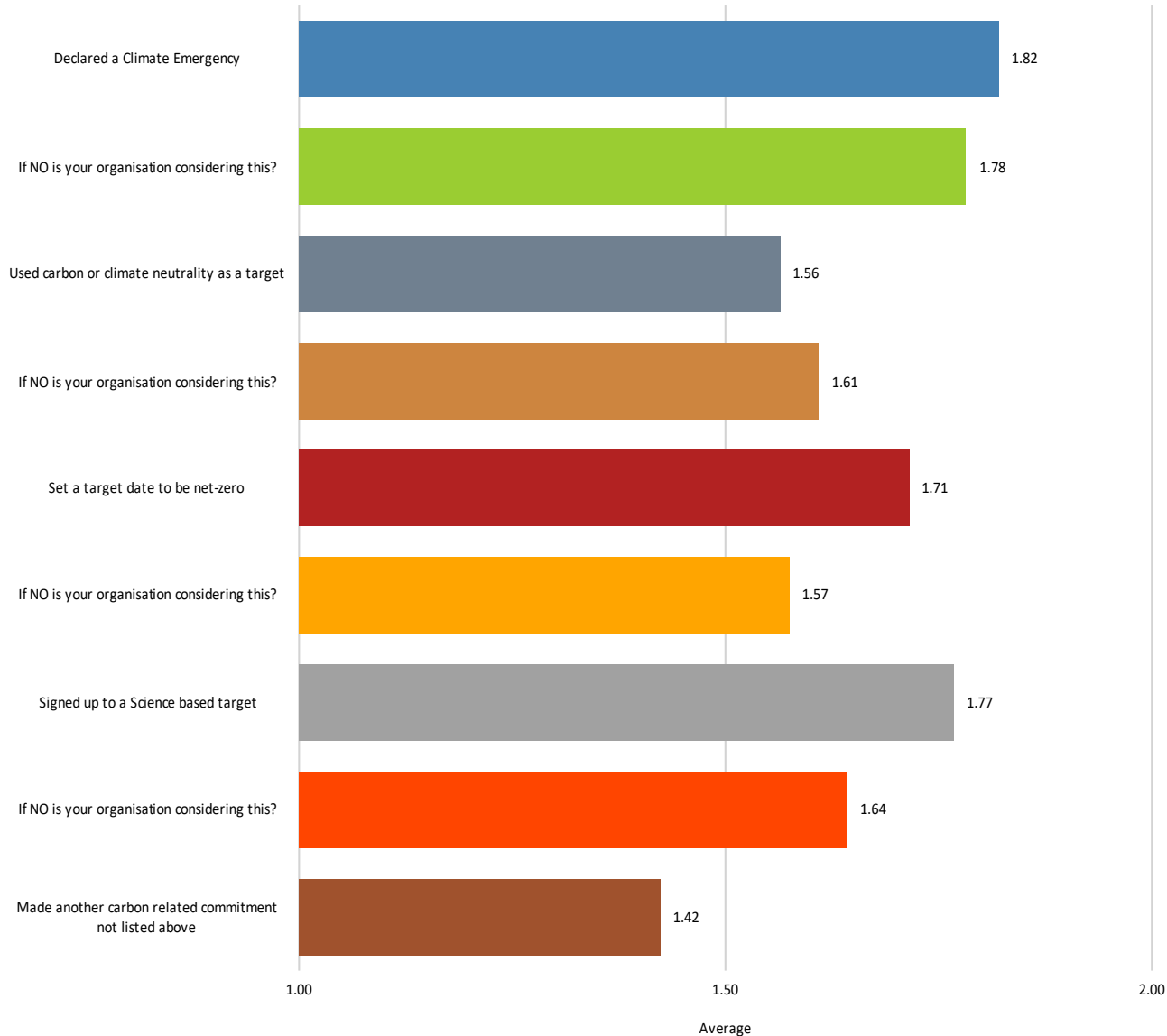
## IEMA's declaration is rooted in the Science;

- *“IEMA and its members have been working to transform the world to sustainability for many years.*
- *The 2018 report from the IPCC and 2019 report from IPBES show that the current rate of transition places us on a trajectory that has catastrophic implications for global society and the environment.*
- *Systemic change is required within a very short timeframe.*
- *IEMA therefore declares that there is a climate and environmental emergency and calls upon all organisations to respond with urgency and action.”*

IEMA Board, September 2019



# IEEMA Member 'Net-Zero' Commitments



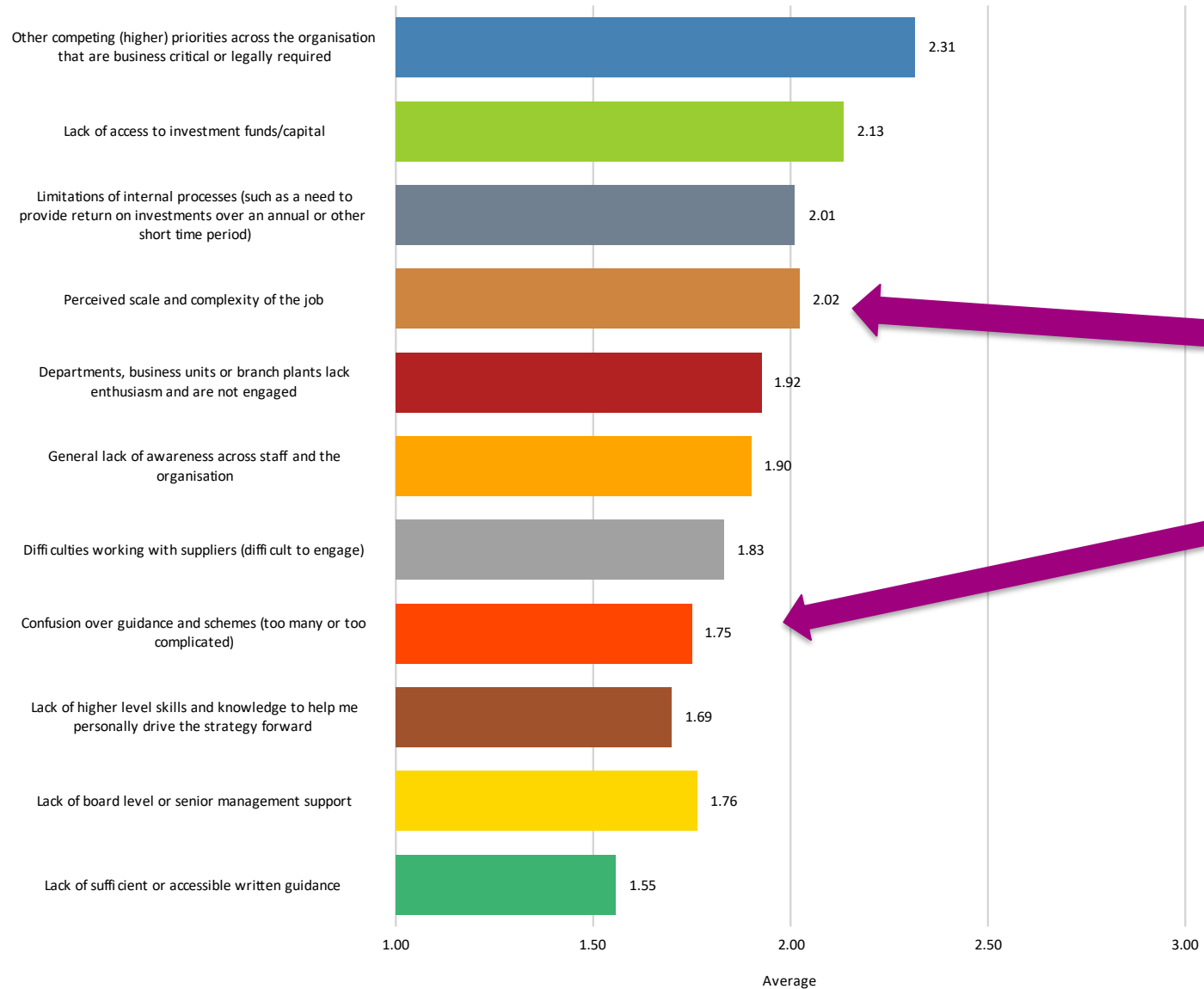
Declared Emergency = 18% (22%)

Used Carbon Neutral = 44% (36%)

Science Based Target = 29% (43%)

Other Commitment = 58%

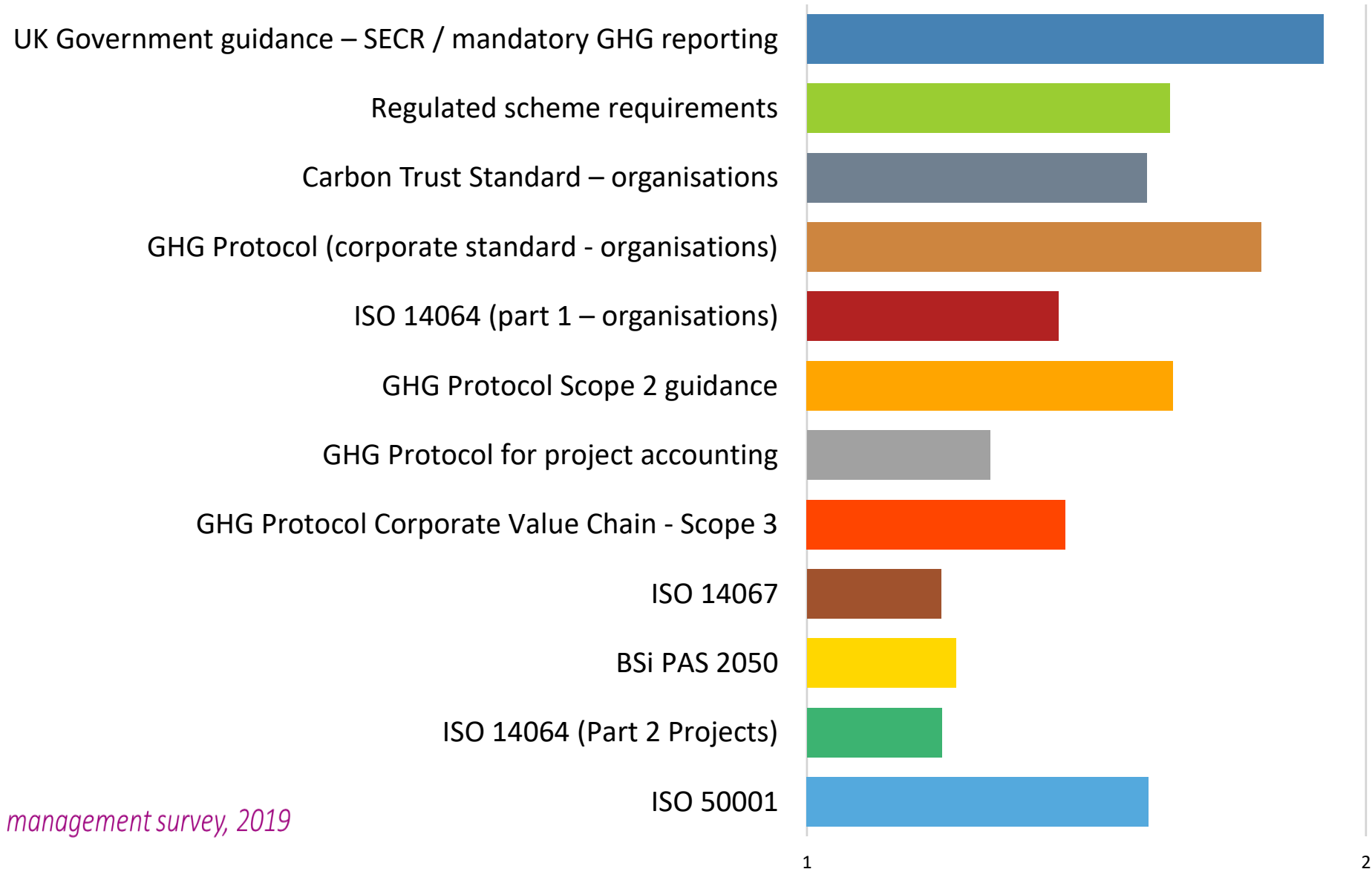
# What barriers do you face



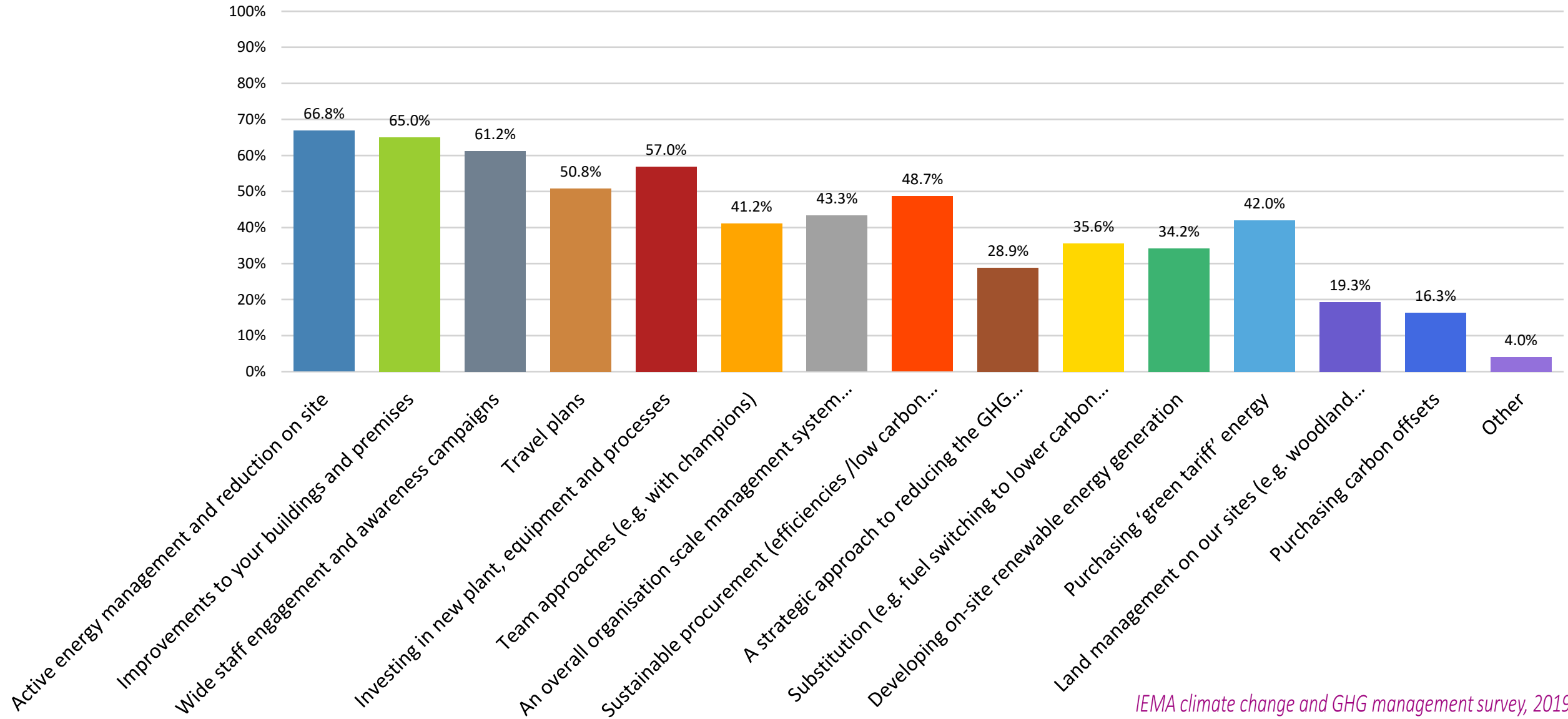
Scale and complexity of task

Confusion between schemes and standards

# GHG standards, schemes or guidance documents used



# Measures used to address the organisation's carbon/GHG footprint



## IEMA Greenhouse Gas Management Hierarchy (updated 2020)

### ELIMINATE

- Influence business decisions / use to prevent GHG emissions across the lifecycle
- Potential exists when organisations change, expand, rationalise or move business
- Transition to new business model, alternative operation or new product / service

### REDUCE

- Real and relative (per unit) reductions in carbon and energy
- Efficiency in operations, processes, fleet and energy management
- Optimise approaches (e.g. technology and digital as enablers)

### SUBSTITUTE

- Adopt renewables/low carbon technologies (on site, transport, etc)
- Reduce carbon (GHG) intensity of energy use and of energy purchased
- Purchase inputs and services with lower embodied/embedded emissions

### COMPENSATE

- Compensate 'unavoidable' residual emissions (removals, offsets etc)
- Investigate land management, value chain, asset sharing, carbon credits
- Support climate action and developing carbon markets (beyond carbon neutral)

# Pledge to Net Zero



- Making the environmental services sector a leader for action on the transition to a Net Zero carbon economy
- Working in partnership to ensure we maximise our results
- Championing environmental professionalism

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# Three commitments

1. Set a science based greenhouse gas target
2. Publicly report progress each year
3. Publish one piece of thought leadership each year (or support others)

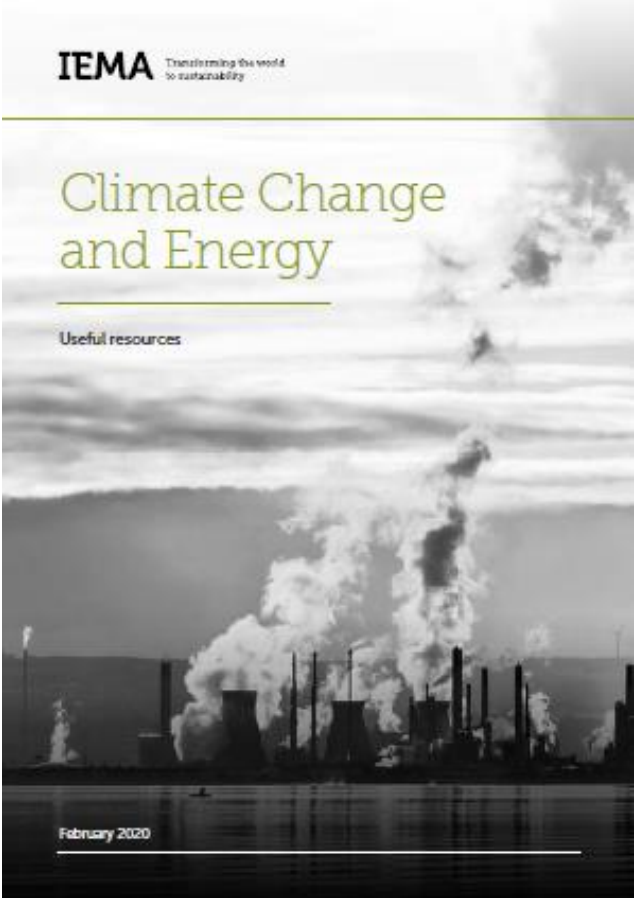
Long-term temperature goal	Absolute reduction target
2°C	1.23%
Well below 2°C (Paris Agreement)	2.5%
1.5°C	4.2%



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# Climate Network - Guidance & Support



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Thank you

[iema.net](http://iema.net)