

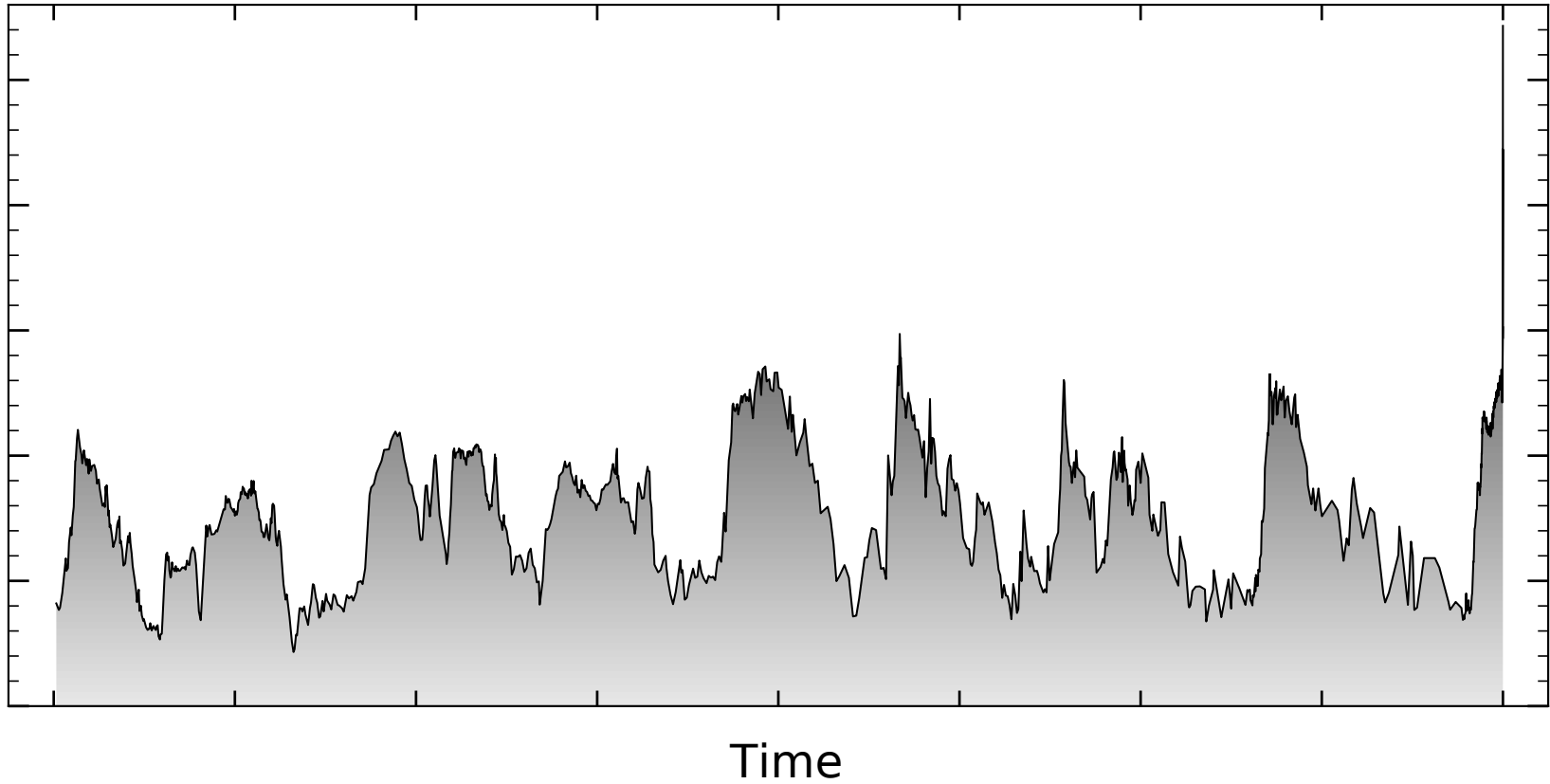
1st Belle II Sustainability Meeting



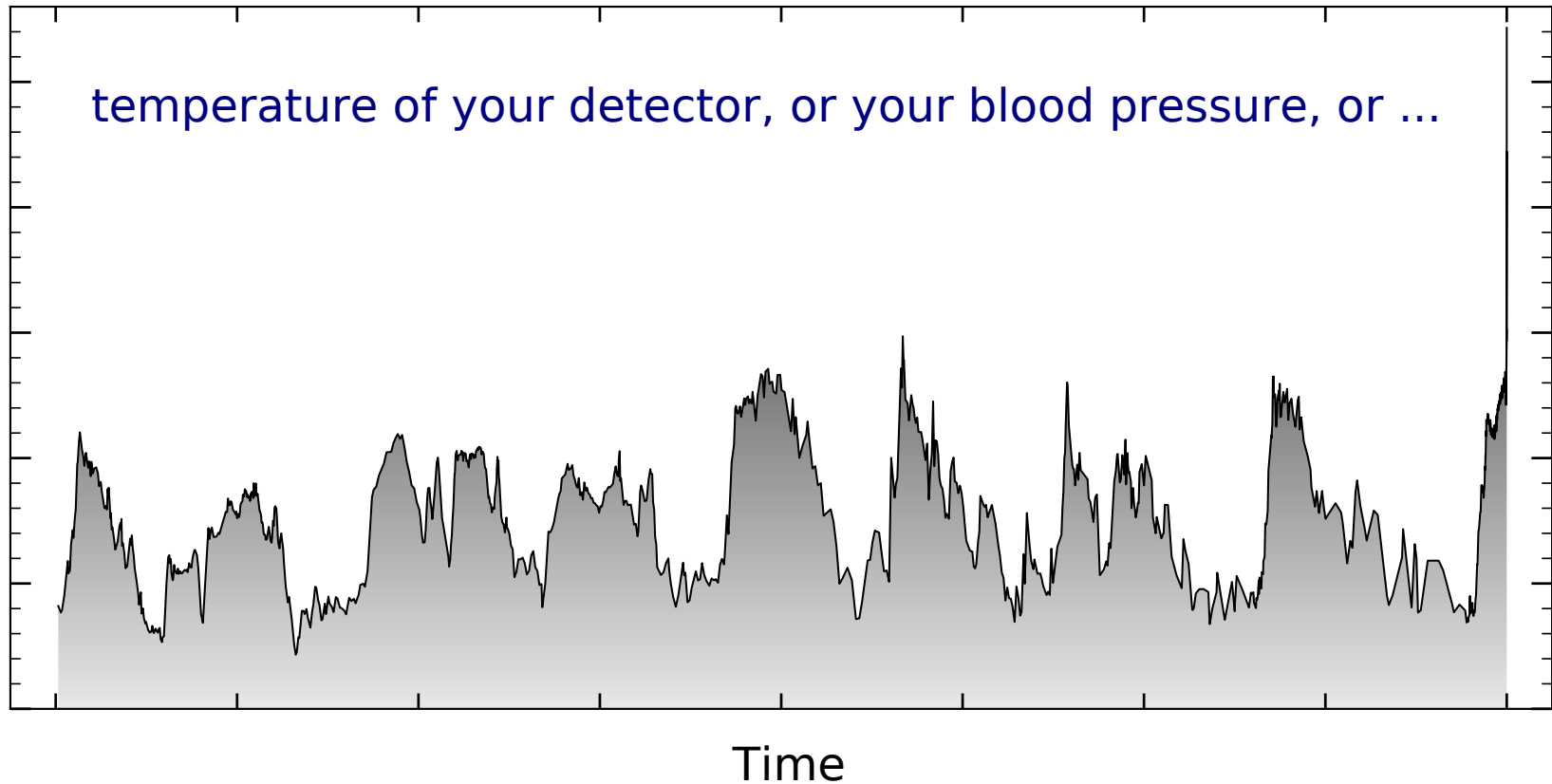
13.05.2024

Thomas Kuhr

Data

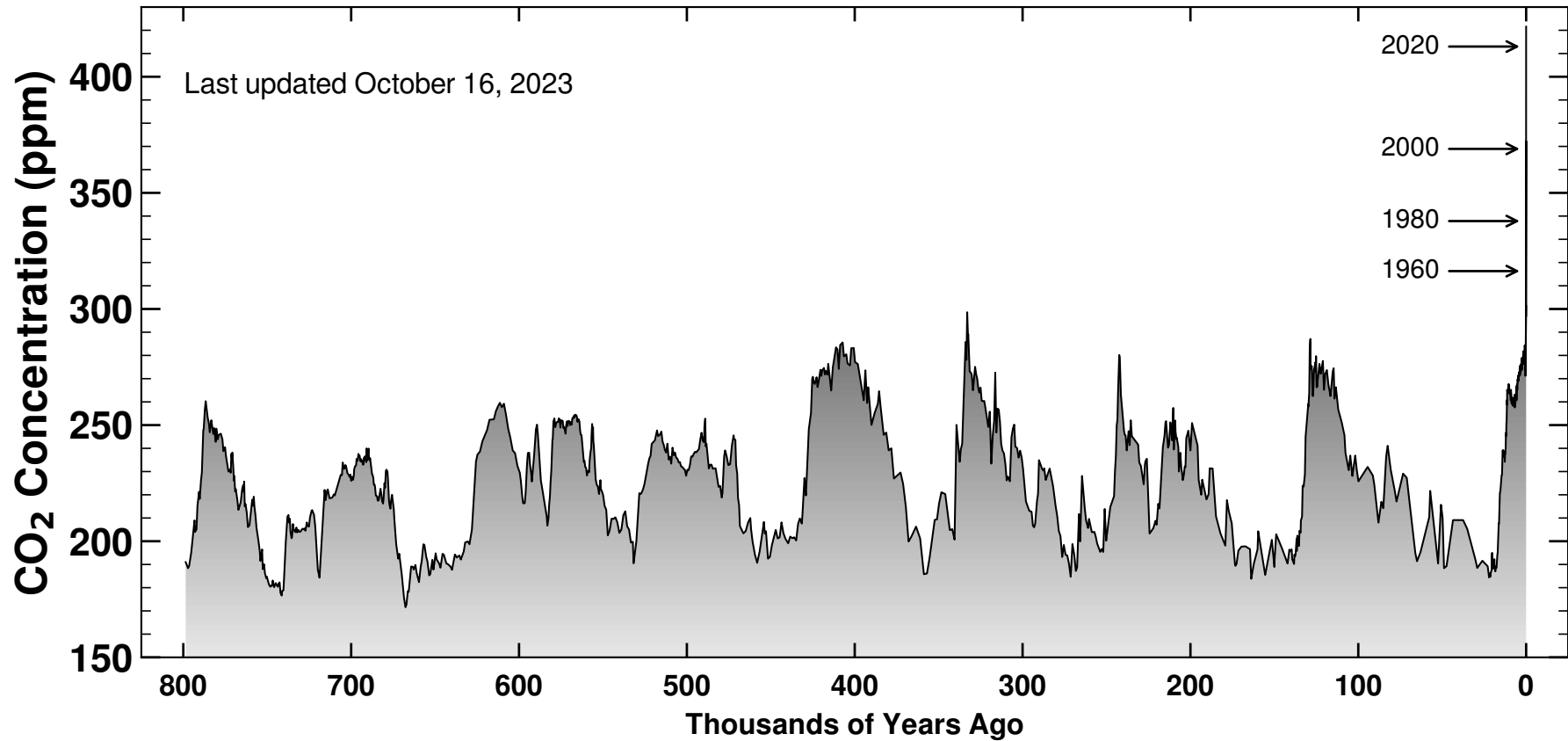


Data



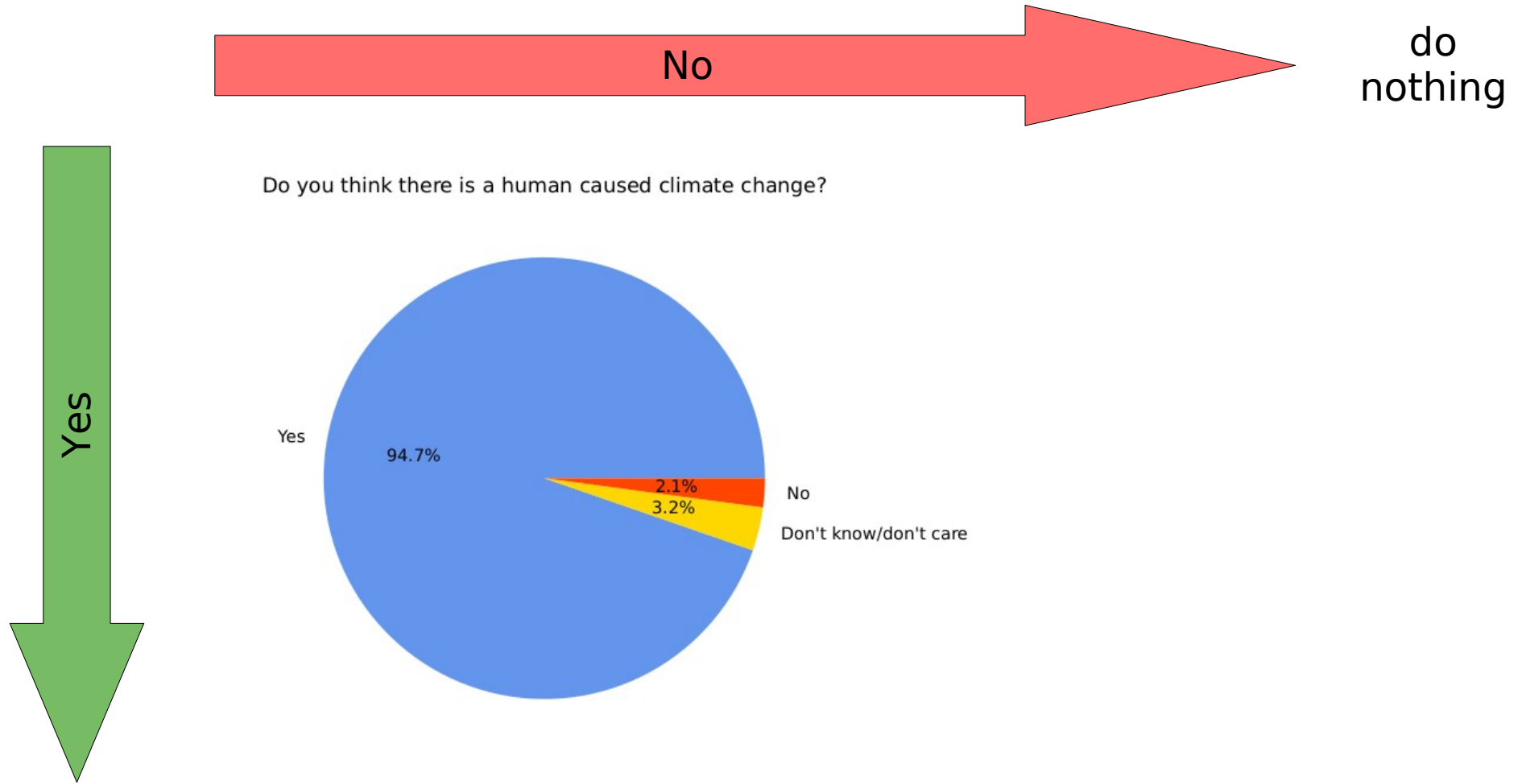
- **Would you be worried?**
- **Would you take action?**

<https://keelingcurve.ucsd.edu/>



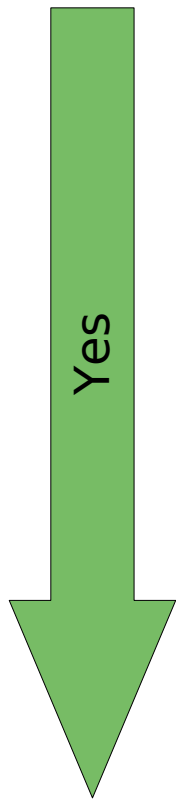
Question 1 of 3

Is there a human caused climate change?

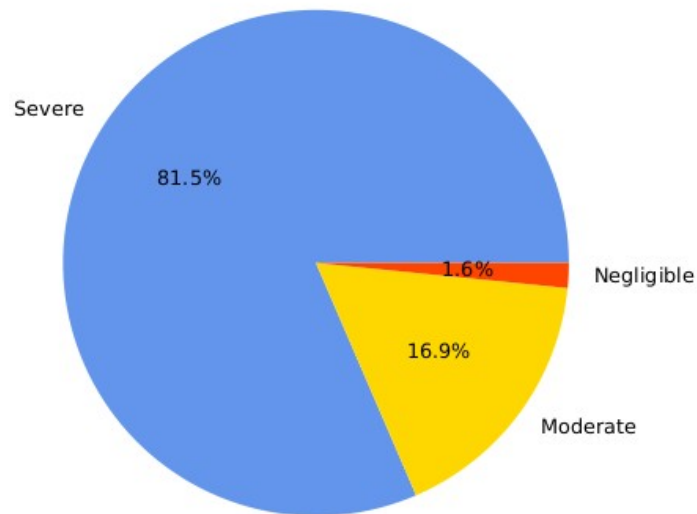


Question 2 of 3

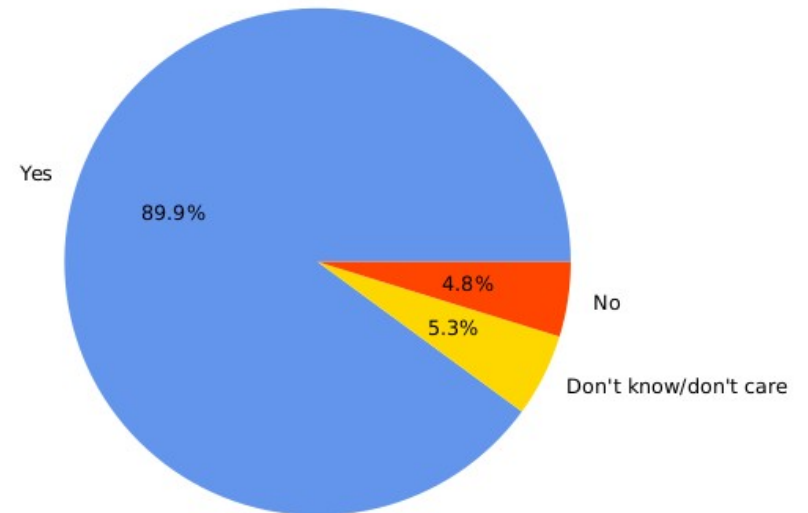
Is the problem severe and urgent?



How large do you expect the impact of climate change to be in general?

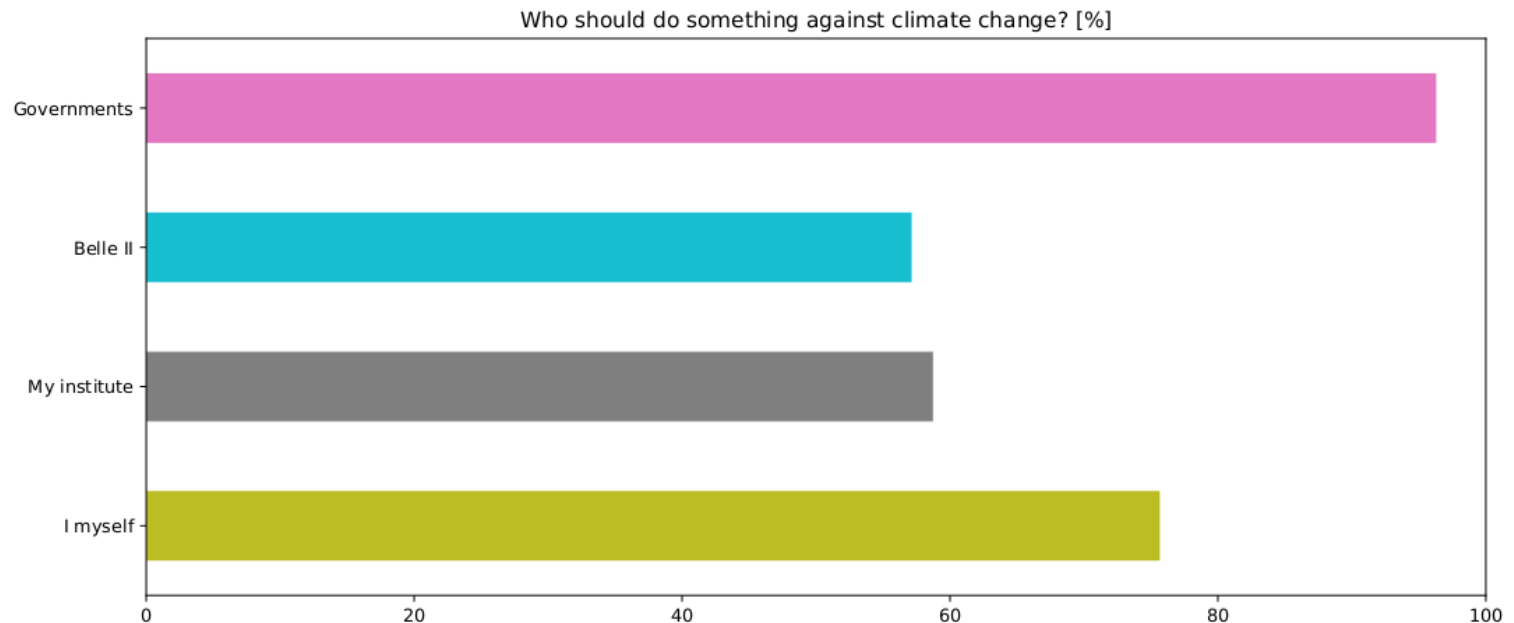
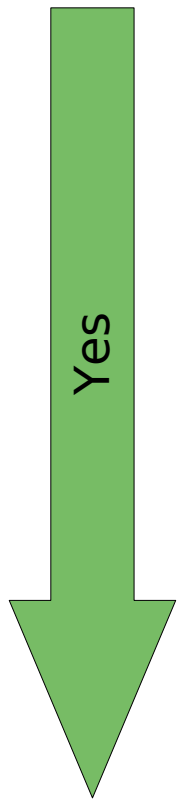


Do you think it is urgent to do something about climate change?



Question 3 of 3

Do I want *others* to do something?



Take actions that support a transformation toward carbon neutrality

Two Scenarios

Optimistic Scenario

- Human kind will solve the climate problem
- Reduction of CO₂ emissions
- Limits on or increased costs of CO₂ emissions

Pessimistic Scenario

- Human kind will not solve the climate problem
- Many more problems with higher priority than particle physics
- Better avoid this

=> Plan for carbon neutral science in 10-20 years

Today

- KEK path towards carbon neutrality, Prof. Haba
- labos1point5, Samuel Calvet
- Analysis of B2GM travel footprint, Fabian Becherer
- Discussion: What to do next?

Sustainable HEP 2024



INDICO.CERN.CH/E/SUSTHEP24

SUSTAINABLE HEP 2024

3rd International Workshop on Sustainable High Energy Physics
10 – 12 June 2024

The 3rd edition of the [Sustainable High Energy Physics \(HEP\) workshop](#), will take place Monday 10th through Wednesday 12th June from 14:00 to 17:00 CET. Within three half-days, this [free, online-only](#) workshop aims to present the intersection of HEP and the climate crisis, to highlight the sustainable initiatives ongoing in HEP, and to workshop with attendees on positive tangible outcomes. The program will consist of invited talks, panel discussions, workshops and submitted talks accompanied by a discussion forum on Mattermost.

Abstract submission open!

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10 – 12 JUNE 2024
14:00 – 17:00 CET
ONLINE VIA ZOOM

SCAN ME



Submitted abstract:

Title: Sustainability at Belle II

In the Belle II collaboration, a discussion of the sustainability topic began in 2023. A survey showed that many Belle II members care about the topic. We will report about the status of a grassroots initiative to address the sustainability challenge of research at Belle II.

→ Let me know if you want to be added as author