

Climate crisis

Now we take action!

How we can save our planet for ourselves, our children, and our grandchildren

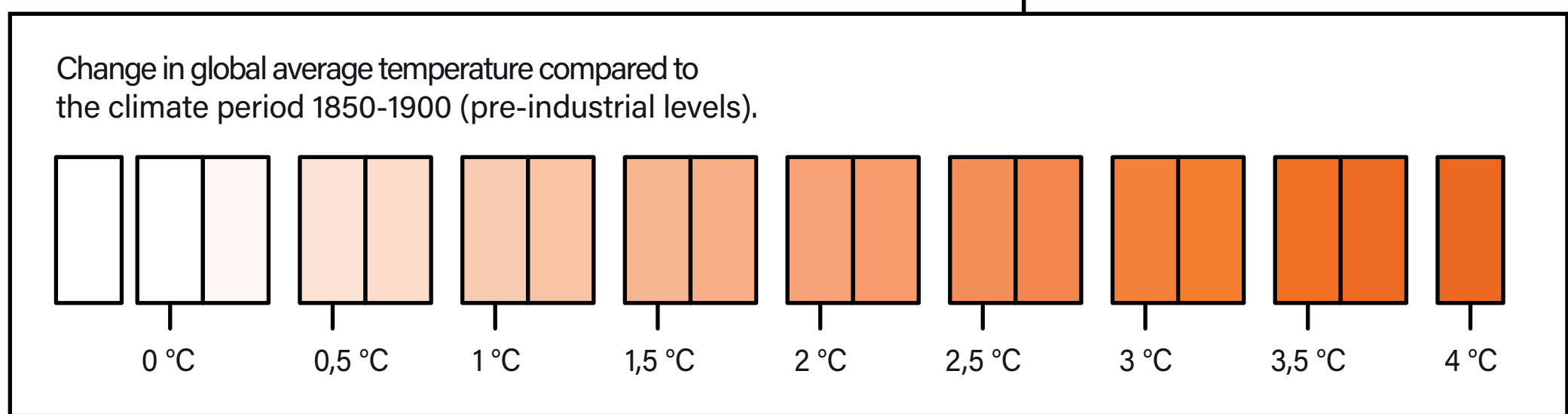
Scenario 5:
4,4 °C by 2100

Scenario 4:
3,6 °C by 2100

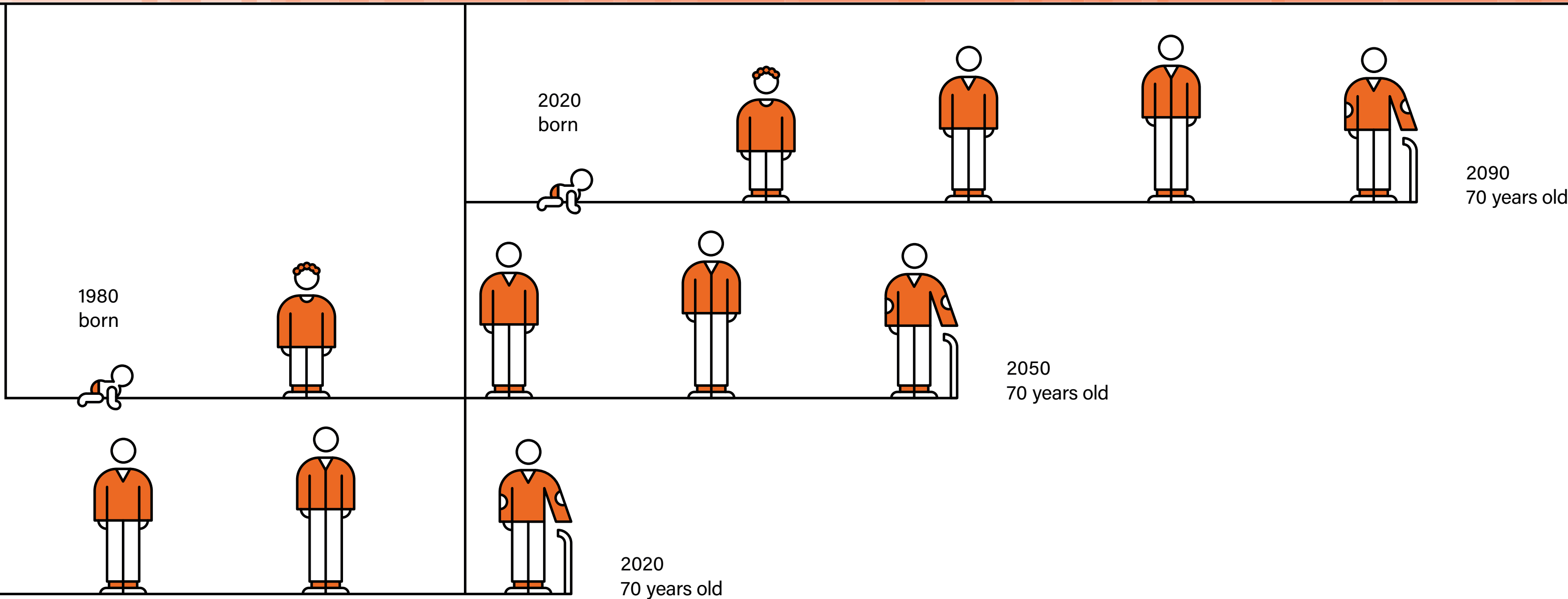
Scenario 3:
2,7 °C by 2100

Scenario 2:
1,8 °C by 2100

Scenario 1:
1,5 °C by 2100



Pic. 1

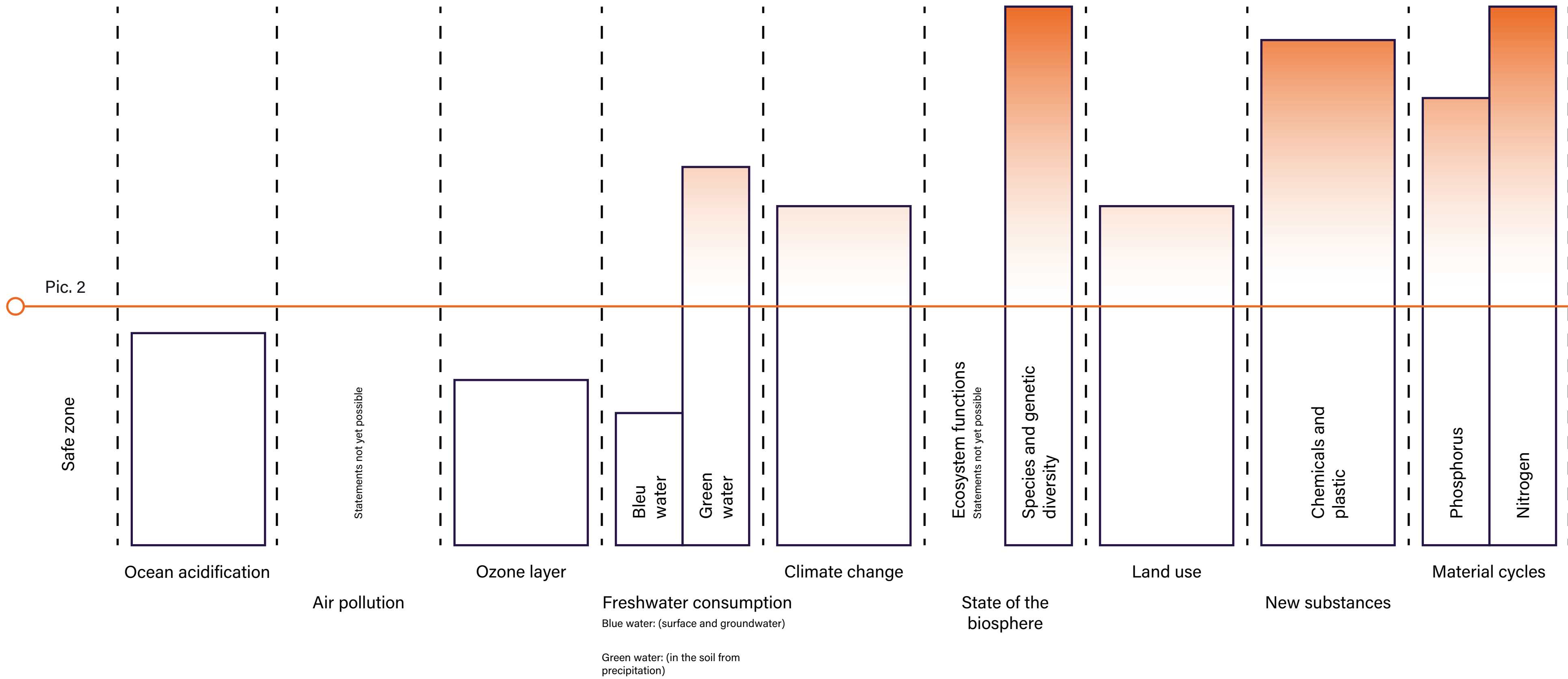


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In 2015, countries signed the Paris Climate Agreement. This agreement defined a global temperature increase of no more than 2 °C above pre-industrial levels as a safe limit for the global climate system, with efforts to limit the increase to 1.5 °C. Within this framework, the risks of the climate crisis largely remain manageable, and irreversible consequences (tipping points) can mostly be averted.

The Earth is reaching its ecological limits

The planetary boundaries refer to the nine relevant areas that define the Earth's capacity limits due to human activities. Within these boundaries, sustainable development is possible. If we exceed this safe zone of boundaries, we risk the stability of ecosystems and environmental damage. This can also have negative consequences for our society. The darker the areas, the more the boundaries have already been exceeded.



Your path through the exhibition

We are all confronted with the increasing changes in the climate system in our daily lives – for instance, through extreme weather events such as heavy rainfall and heatwaves. At the same time, climate science models are becoming increasingly precise, both in terms of accuracy and spatial resolution. By waiting, we further increase the risk of exceeding safe limits.

With this exhibition, we aim to highlight the biological, geological, and physical phenomena we face as part of the climate crisis and how responses to these could look in various everyday situations. In addition to individual courses of action, we also examine the structural level, showcasing what municipalities, businesses, and other organizations and entities can achieve within their areas of influence.

Audio guide

The posters, along with more detailed content and background information, as well as an audio guide and teaching materials, can be found online via the QR code on each poster or at:

<https://ausstellung.sustainability4u.at>

We wish you an informative tour and greatly appreciate your interest – even more so if you take action!



1. We explain how our climate system works: What causes the climate crisis, who is responsible for it, and what are its consequences?

2. We present possible courses of action. As you may already suspect, there are many options for this. Therefore, we will focus on the "big levers," supported by empirical data and scientific assessments.