PLANETARY HEALTH

ONE PLANET. ONE HEALTH. OUR FUTURE.



TRAVELLING EXHIBITION

Deutsches Museum

In cooperation with MUNICH SCIENCE COMMUNICATION LAB

Supported by VolkswagenStiftung



ABOUT THE EXHIBITION

The special exhibition "Planetary Health – One Planet. One Health. Our Future." illustrates how closely human health is linked to the state of the Earth's natural systems – and, above all, the opportunities for action this creates to shape a positive future.
The exhibition is arranged in five interconnected real-life thematic areas:

- **Water** as a vital resource and as part of global cycles.
- **Biodiversity** as a foundation of functioning ecosystems, food security, and human health.
- **Air:** Implications of air pollutants and summer heat for human health.
- Effects of man-made **substances** on human and non-human organisms.
- Natural **landscapes** and their importance for our mental well-being.

Using everyday examples – from consumer products to our everyday routines – it illustrates how we as a society interact with our environment and influence natural systems.

Focus on Solutions and (Co-)Design

Particular emphasis is placed on identifying pathways towards sustainable development and demonstrating how positive change can be effectively achieved in practice. The exhibition highlights concrete solutions drawn from both research and real world experience. Across all modules, visitors encounter examples of how we can foster a healthier coexistence with nature today, rather than harming it through our actions – ranging from technological innovations to local initiatives. These "good news" stories aim to inspire and demonstrate that change is both possible and effective. In addition, the exhibition features "culture ambassadors" – people who are already leading by example and actively contributing to a healthier and more sustainable world.

Design as a Means of Communication

Design and architecture play a key role in the communication concept: By deliberately using unconventional and aesthetically attractive spaces and objects, the exhibition encourages visitors to explore new perspectives on a sustainable future and inspires them to envision positive change. A central design feature is the so-called "attractors" – large-scale, tower-like installations in the center of each module. These structures symbolize a spectrum that ranges from problematic current situations – the "ground of reality" – to positive and desirable future scenarios. This design concept threads its way through the entire exhibition and speaks to our imagination, suggesting that change is possible and can be actively shaped.

Experiencing "Planetary Health" in Everyday Life

Selected exhibits bring the concept of "Planetary Health" to life and illustrate its deep connections to our everyday world: The exhibition features technical innovations such as the portable water filter "PAUL Waterbackpack", PFAS-free non-stick coatings, and packaging materials made from fungal mycelium. But everyday objects are also part of the exhibition – such as a pair of skis, a frying pan, or a pizza box.
At numerous stations, visitors can get actively involved. For example, in a game module developed specifically for the exhibition, they take on the roles of decision-makers to discuss scenarios together and develop solution strategies for global challenges. Other elements, such as an investigation game, soundscapes, scent stations, or a "Green City" utopia, invite visitors to experience "Planetary Health" with all their senses, reflect on its implications and engage in conversation with one another.

Scientific Evaluation

The exhibition is closely monitored using a scientifically validated evaluation approach that combines quantitative online surveys, game-based questionnaires, qualitative observations and brief interviews. This enables a thorough analysis of the selected educational principles and elements during the exhibition's run.

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ERFOLGSGESCHICHTEN
SUCCESS STORIES

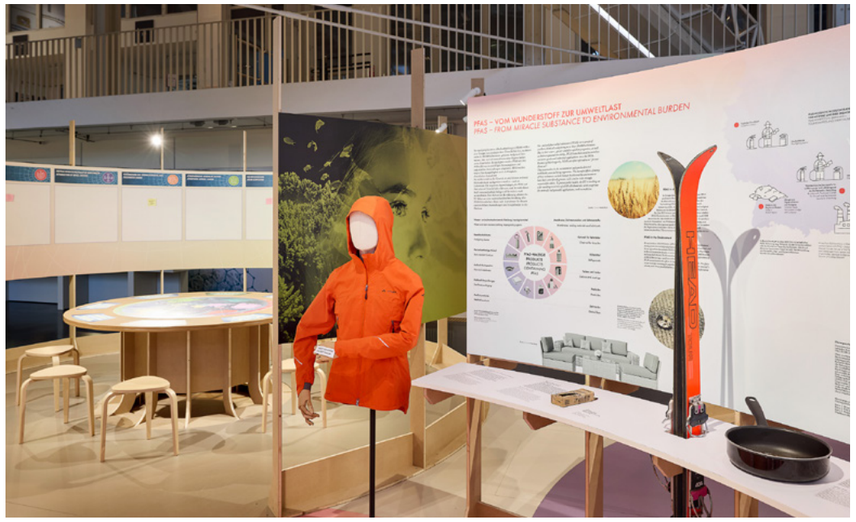
MIT GUTEM BEISPIEL VORAN
LEADING BY EXAMPLE

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GUTE
NACHRICHTEN
GOOD NEWS
AM PULS
ONE PLAN

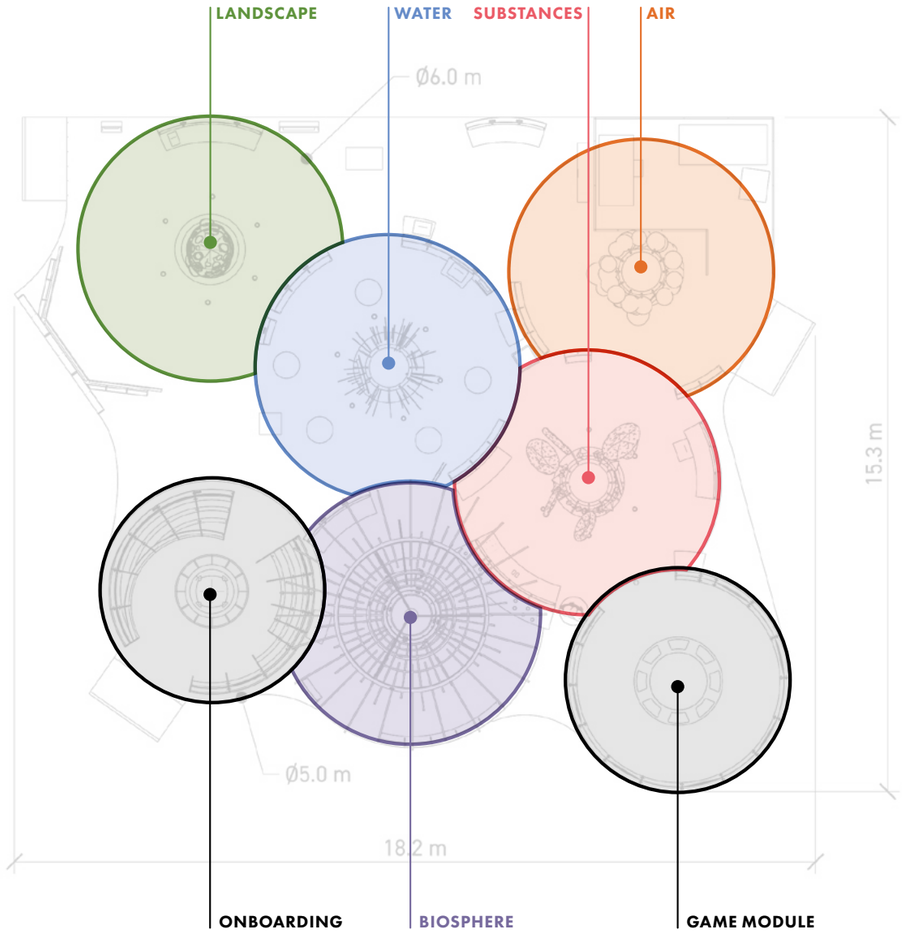


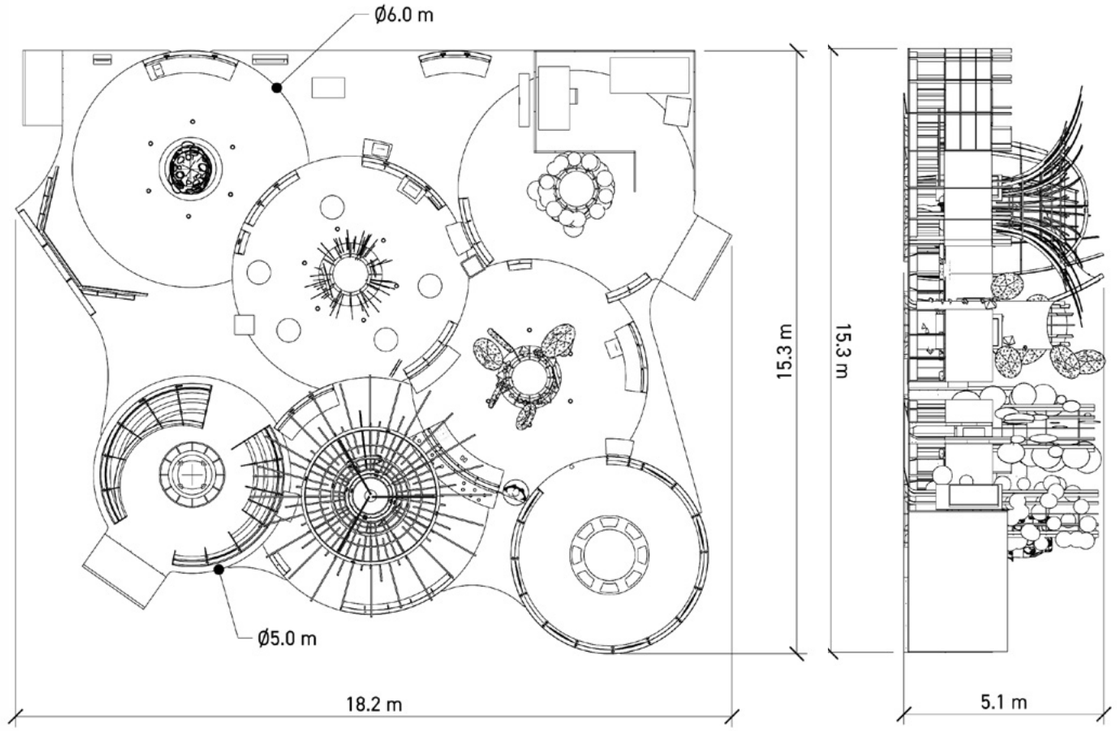

PFAS – VOM WUNDERSTOFF ZUR UMWELTLAST
PFAS – FROM MIRACLE SUBSTANCE TO ENVIRONMENTAL BURDEN

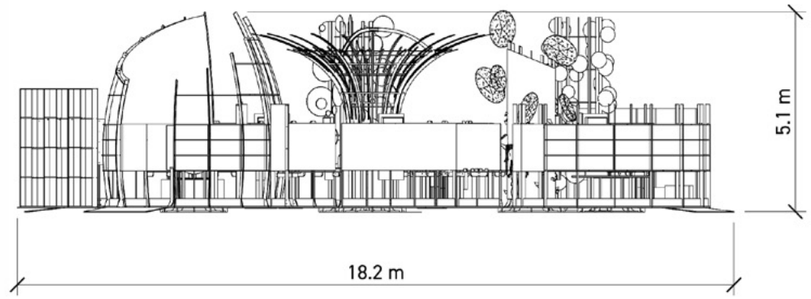


Floor Plan

The special exhibition "Planetary Health – One Planet. One Health. Our Future." is organized into seven circle-shaped modules: The five thematic modules are complemented by an onboarding module that introduces the concept of "Planetary Health" and a module featuring the interactive "Planetary Health" game. The interlocking islands reflect the connections and interactions within the human-environment system. The open spatial structure encourages visitors to explore the diverse facets of Planetary Health.







Key Facts About the Exhibition

- **Area:** approx. 288 m²
- **Length / Width:** approx. 18.0 m x 16.0 m
- **Height of tallest Element:** 5,1 m
- **Lighting** is installed on the „attractor" towers and on the graphic panels
- **The exhibition** is mounted on a raised platform beneath which the cables are routed
- **No ceiling mounting** is required
- **Bilingual text and graphic content**, currently German and English (can be modified)

CONTACT INFORMATION

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