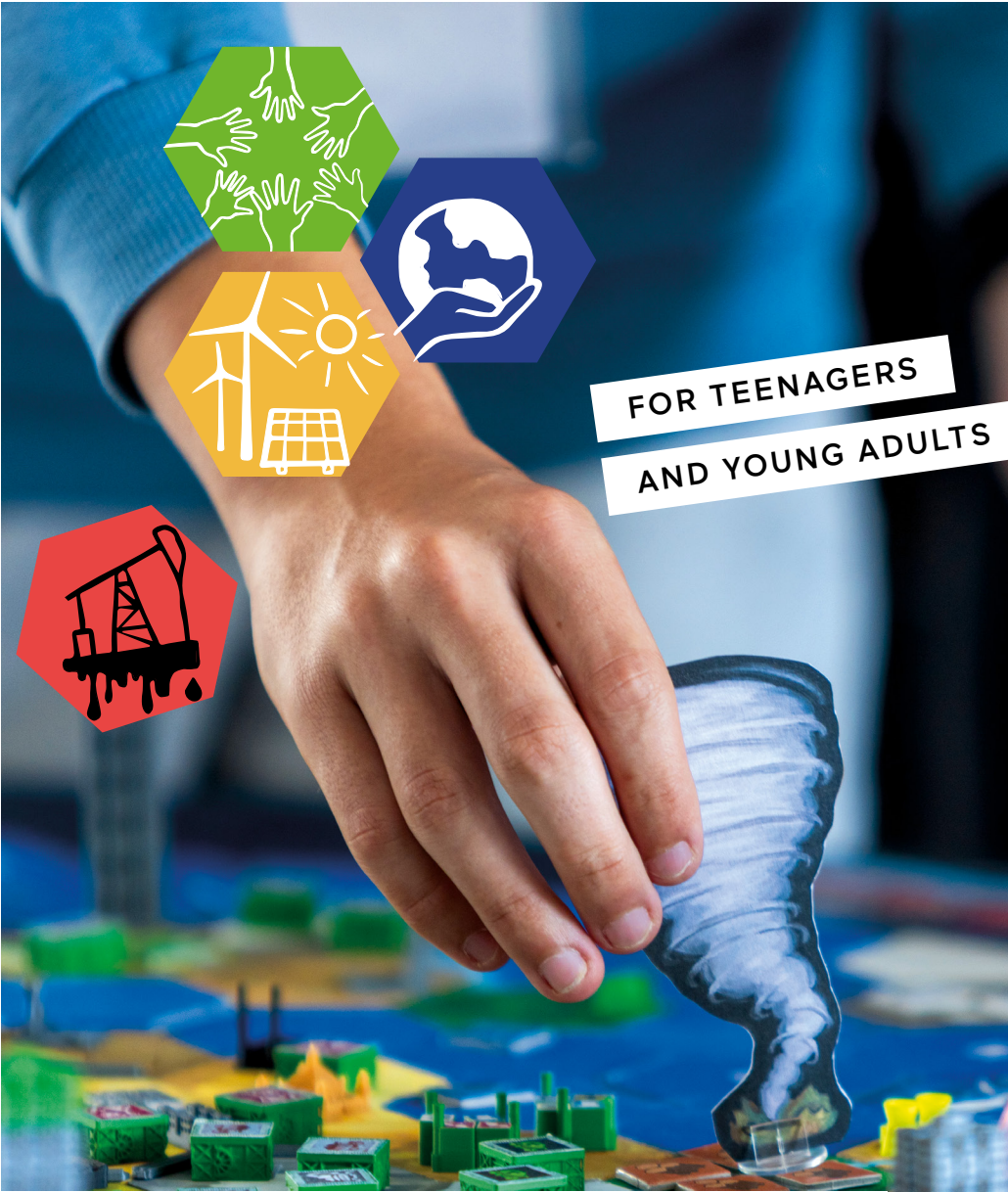




**FOR TEENAGERS
AND YOUNG ADULTS**



World Climate Game

Together for a Sustainable Future

World Climate Game

Together for a Sustainable Future

The climate crisis has reached our society in a palpable way. It is complex, multifaceted and threatening. Young people, in particular, are suffering anxiety and a sense of powerlessness because of it. How can we support young people and inspire them to face this challenge with hope and determination?

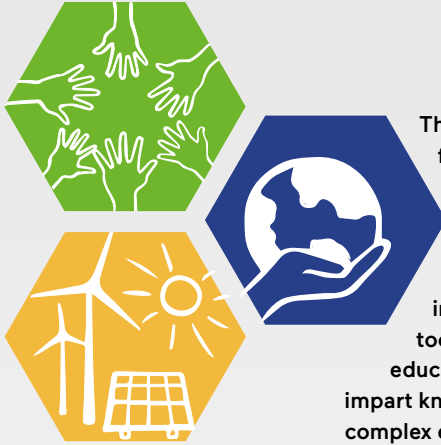
The World Climate Game is an interactive three-day app-supported board game on the topic of climate change and sustainability. Based on a scientifically-founded climate and economic simulation, it makes the interactions and interrelationships of the world climate crisis experiential in a playful way. The game world mirrors the conditions and crises of the reality. Participants take on responsibility for the global economy, geopolitics and social justice and assume the roles of decision-makers from business, politics and civil society.

They have a century (10 game rounds) to implement an economically, ecologically and socially sustainable societal and economic order.

The game is designed to help teenagers and young adults comprehend the complex interrelationships of a globally interconnected world shaped by mutual dependencies. They face the challenges of our time and collaboratively and self-effectively work out solutions for a sustainable world through co-operation, negotiation skills and empathy.



A Game with a Big Impact



The World Climate Game deepens factual knowledge and promotes life skills and formation of values. Group enjoyment during play heightens the awareness of global interrelationships and individual actions. This innovative tool for climate and environmental education uses playful re-enactment to impart knowledge and understanding of the complex ecological, economic and social challenges of our time.

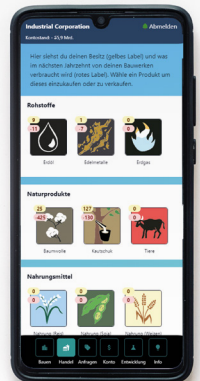


Climate Knowledge and Environmental Awareness

Imparting knowledge about worldwide topics and challenges of our globalised era. Promoting understanding of the complexity and interdependence of a global world economy and its impact on the Earth's climate system.

Together We Can Face the Challenges of our Time Head-On

Strengthening and enhancing life skills, especially in terms of problem-solving skills, critical and networked thinking, self-efficacy, and communication skills. Because the game can only be won as a group, it enhances the players sensitivity to the needs of others.



Empathy, Co-operation and Sense of Responsibility

Through group play and experiential, self-directed learning processes, the World Climate Game contributes to the formation of democratic values, especially in terms of human dignity, equality before the law, justice in a global world and mutual, cross-cultural respect.



© Daniela Rusch_Energieinstitut/Vorarlberg



© Daniela Rusch_Energieinstitut/Vorarlberg

The Game

The Target Audience and Application Fields:

As an innovative tool for climate and environmental education, the World Climate Game can be used as a didactic and methodical instrument to deepen understanding and knowledge of climate and global sustainability in both school and extracurricular contexts.

Possible Application Areas:

- General and vocational schools of various focuses (Secondary Level I and II)
- Educational institutions (students and learners from various disciplines such as universities, pedagogical colleges and adult education)
- NGOs, associations, and leisure educational institutions
- Companies in apprenticeship training

Content and Sequence:

After a preliminary phase spanning from the Neolithic Revolution through industrialisation to the near-present, the game

Category:

App-supported simulation board game for climate and environmental education

Target audience:

Young people aged 13 and up

Time frame:

3 days / 5 half days (recommended), total approx. 21 hours

Recommended number of players:

25 to 30 people

Game board dimensions:

150 x 150 cm

Requirements:

Large room, table island in the centre, circle of chairs, projector, tables, pinboards, internet access

begins in the year 2000. Each round covers a decade; after ten rounds, the game ends in 2100. During these rounds, extreme weather events, environmental disasters, tipping points and social crises may be triggered by the players' actions. The players must master the challenges while simultaneously transitioning to a sustainable economy and way of life – the fate of humanity lies in their hands.

Play to save
the world!



The 3 Dimensions of the Game

1

Simulation Game:

Guided by certified game facilitators in environmental education and skill development, the players assume the roles of global decision-makers and actors from politics, business and civil society. They experience the climate crisis from a global perspective and are confronted with the pressing questions of our time: preserving the Earth's ecological viability and ensuring the happiness of its inhabitants. The players learn the varying interests and rationales of the roles and discover that these must be harmonised through compromise and consensus. In the process, the individual interests of each role are confronted with the idea of the common good. As the game progresses, the players soon realise that the climate crisis can only be solved through harmonious and equitable international co-operation.

Climate
knowledge and
environmental
awareness

2

Board Game:

In the centre of the room stands the giant game board, like a blue-green jewel floating in space. It reveals the state of the world: gigatons of greenhouse gases in the atmosphere, the advancing destruction of nature and ecosystems through land use and extreme weather events, the sprawling cities and industrial areas, humanitarian crises, and knock-on effects of climate change.

The game board is a scaled-down representation of our world map, featuring climate zones, landscapes and the impact of humans across the globe. Illustrated with over a thousand game pieces, the abstract world climate crisis is made tangible, vivid and captured in all its aspects. The beauty of the illustrations inspires the players to preserve and protect our blue planet, help its inhabitants, and improve their quality of life. From a bird's-eye view, players can look out over the world's polycrisis and discuss their next moves. What is the smartest strategy? What laws and treaties are necessary? What measures need to be taken to mitigate climate change impacts? What can we do to prevent the climate crisis?

With strategy, negotiation skills and a little bit of luck, each game round becomes a challenge mastered on the road to global sustainability.



3

Shaping
the future
together



© Daniela Rusch, _Energieinstitut / Vorarlberg

App and Database:

A scientifically-founded simulation calculates the greenhouse gas circulation, where the natural absorption of greenhouse gases by plants and oceans is placed in contrast to human emissions. The IPCC (Intergovernmental Panel on Climate Change) report served as the primary source for the realistic allocation of greenhouse gases to economic sectors and continents.



© Daniela Rusch, _Energieinstitut / Vorarlberg

Players use a web app to control the economic simulation that generates the human emissions. The players must manage and actively shape for example: production

methods, the economic locations, tax policy and subsidies, population growth and urban development, consumption patterns and resource extraction, capital and commodity flows.



Experience
sustainability
through play!

This is how interests and dependencies are experienced, complexity is clarified and the realistic nature of the simulation is ensured. Players have ten rounds to implement an economically, ecologically and socially sustainable societal and economic order. During each round they receive direct feedback on their actions and measures. The unique combination of board game and digital simulation makes for an immersive and exciting gaming experience.



© Daniela Rusch, _Energieinstitut / Vorarlberg

Standing Strong Together for a Sustainable Global Society

The **World Climate Game** has been developed over the past three years on behalf of the non-profit organisation Weitblick GmbH, in collaboration with experts in education, psychology and climate science. It is based on the 17 Sustainable Development Goals (SDGs) of the United Nations and the IPCC report.

As a climate and environmental education tool, it imparts knowledge and skills, encourages and inspires, promotes self-efficacy and instils hope for a sustainable future.

**Do you have educational
experience and would like to run
the World Climate Game yourself?**

Contact us:

Mag. Matthias Mittelberger

matthias.mittelberger@weitblick-gmbh.org

Mag.^a Maria Malle, MA

maria.malle@weitblick-gmbh.org

Partner with us!



Weitblick GmbH
Zukunft gestalten

Weitblick – Shaping the Future

Weitblick GmbH is a non-profit, politically and financially independent company based in Vorarlberg with a branch office in Vienna. We develop and facilitate socially innovative projects in the areas of psychosocial health promotion, education, political education, climate education and environmental protection.

Sustainable. Independent. Interdisciplinary.

The goal of Weitblick GmbH is to make a sustainable contribution to positive social development. We are convinced that an ecologically, economically and socially sustainable society can only be achieved by increasing knowledge, raising awareness and developing the personality of the individual, because social challenges are, first and foremost, challenges for the individual.

Our mission:

- Raising awareness
- Increasing knowledge
- Conducting interdisciplinary research
- Collaborating, funding and consulting

Weitblick GmbH
Im Hag 16b
6840 Götzis
Austria
www.weitblick-gmbh.org



Weitblick GmbH
Zukunft gestalten

