

The Eco Board Game 250 questions about human-environment relation



# Parts of the game

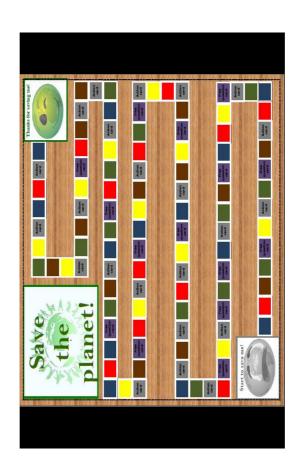
- Board
- 50 Question Cards
- 60 Activity Cards
- 2 Free Question Cards
- 6 Cards with guidelines and instructions for the game
- 5 Playing Pieces
- Die

### How to read the board

- The board consists of boxes of 7 different colours.
- Boxes with the colours blue, red, green, brown, yellow
   The player has to answer the question of a card that corresponds to the colour of the box.
- Boxes with the indication "Free Question Card"

  The player has to choose one of the 5 disciplines listed in the Free Question Card and then answer a question of the chosen discipline from one of the question cards.
- Boxes with the indication "Action Card"

  The player has to pick up an Action Card and perform the action indicated there (e.g. move the piece ahead 2 spaces, go back 1 space, lose a turn ect.).



### Types of cards

## • Question Cards

They contain 5 questions and the corresponding answer from 5 different academic disciplines. Each discipline is indicated with a different colour (blue, red, green, brown, yellow). Both questions and answers are broadly formulated in order to support learning process while playing. Furthermore, the answers are exemplary and aim to broaden general knowledge on environmental issues. It is possible that players give a different answer to the question which is correct, however it is not mentioned in the card. In this case players are encouraged to use further sources of information (e.g. internet) in order to verify the given answer.



What does it mean the term "waste water"?

Which environmental accident took place in 2010 in the Gulf of Mexico

What is the "Natura 2000"?

Can you name 2 destructive agricultural practises?

Can you name 2 effects on human health caused by the consumption of genetic modified organisms (GMOs)?

Urban, domestic and industrial waste water which is subject to treatment because of the substances or objects it contains.

The BP oil spill, an offshore rig explosion and sinking that killed 11 workers and caused a 4.9 million barrels spill after an oil flow in the sea for 87 days. It is considered as the largest accidental marine oil spill in the history of the petroleum industry.

It is a european network of about 26.000 protected natural areas, that covers almost 20% of EU land and in which find protection rare, vulnerable and seriously threated species and habitants.

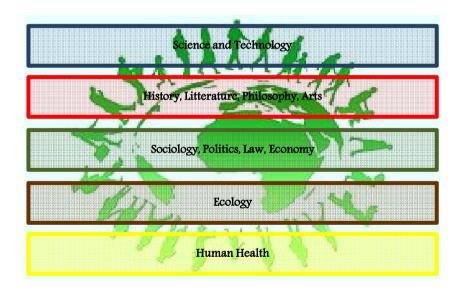
Overuse of fertilizers and toxic herbicides and pesticides, overgrazing which leads to land degradation, monoculture farming, genetic engineering, deforestation, irrigation, waste (esp. plastic culture) etc.

Food allergy, increased toxicity, decreased nutritional value, antibiotic resistance, gluten disorder, infertility, birth defects, cancer.



They indicate the 5 academic disciplines. The player can freely choose one of the 5 categories and answer the corresponding question of a question card.





#### • Free Question Cards

They indicate the 5 academic disciplines. The player can freely choose one of the 5 categories and answer the corresponding question of a question card.

#### Action Cards

They give practical advice about human behaviour on every day life or indicate good and bad habits that affect the environment. They also include directions that the player has to follow during the game (e.g. move ahead 2 spaces, go back 1 space, lose a turn ect.).



Your water tap in the kitchen runs since weeks. But you have not called a plumper yet. You consume 3 more litres of water per day. Stay for a round and call the plumper!

Upcycle your waste! Before you through your waste away think creatively! Use your imagination and try to find ways to use your waste. Give them a second life! Transform for example your old fashioned trouser into a handbag! It has fun and reduces waste!

Stay for a round and think on it!

Fruits and salads go bad very quickly! This leads to an immense food waste! You could save leftovers! Use your imagination and transform the excess food into tasty recipies! Make a marmelade or smoothes out of fruits that you won't consume before they get bad! Or an ice-cream out of mature bananas! Or use your vegetables in soups and stewes! Play again!

Your decision to replace paper napkins with cloth ones reduces the consumption of paper and saves resources! Well done! Play again!

### How to play the game

- Number of players 2 and more.
   The object of the game is to move around the track by answering correctly questions or performing accions. The player who first comes to the end is the "Eco- hero", the one who has interdisciplinary knowledge and can save the planet.
- 3. Every player picks up a playing piece of a different colour and puts it in the box of the crying earth (the grey one).
- 4. During the game all players follow steps 5 and 6 repeatedly, until one of them comes to the end (the green earth).
- 5. The player rolls the die and counts the boxes accordingly to the number of the die without moving his piece in this moment.

- 6. Based on the type of the box there are 3 possibilities.
- 6.1. The box has one of the 5 colours (blue, red, green, brown, yellow), the player picks up a Question Card, reads and answers the question of the card which corresponds to the color of the box. In case of a correct answer he moves his piece to the space according to the number of the die. In case of a false answer he stays in the space where he was before. The answer is correct when it approximately corresponds to the proposed answer or is acknowledged as correct by the other players based on their general knowledge.
- 6.2. The box has the indication "Free Question Card", the player freely chooses one of the disciplines of a Free Question Card and answers a question from the Question Card that corresponds to this discipline. Here follows step 5.1.
- 6.3. The box has the indication "Action Card": the player picks up an action card, reads it and follows the instructions.

# Aim of the game

- Broaden interdisciplinary knowledge on environmental issues by answering questions from 5 different academic disciplines
- Understand the interactive relation between human and environment
- Become aware of human's impact on the environment in general
- Become conscious of bad habits and conducts and of their individual impact on the environment
- Reflect on daily habits, change them, adopt better ones and limit the negative human impact on the environment



