

Annex XVI Game “Sustainability and SDGs Heatwave”

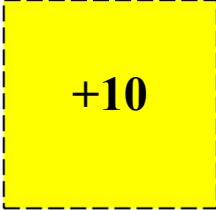
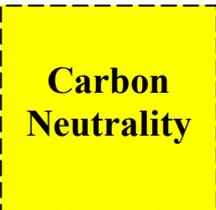
A game on sustainability and SDGs with an element of luck. Four or five players compete against each other using one playing board. The game takes around 20-25 minutes.



Required materials:

1. A4 Printed playing board (see next page). Each board can have 4 or 5 players, so need to print out the necessary amount of boards depending of the class size.
2. 16 point cards - print and cut to stick facedown with Blu Tack to each playing board as follows:

Amount needed for each playing board:

	→ Print and cut out 7		
	→ Print and cut out 4		→ Print and cut out 2
	→ Print and cut out 2		→ Print and cut out 1



3. Blu Tack or similar adhesive to attach above point cards to each playing board.
4. Printed and cut out pack of 16 question cards. Each player's board needs its own pack of questions so students can quiz each other
5. Small pieces of paper to cover quiz question answers as follows, that can be easily peeled off during the game:

1) Goal 1 is about poverty. What is the main target of this Goal?

A. Cut poverty in half by 2030.
B. End poverty in all forms everywhere
C. Reduce poverty by 75% by 2030.



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Answer: B

Note: This game could be made more sustainable by laminating the materials so they can be reused.

Playing Board to use by each set of 5 players

	1	2	3	4
A				
B				
C				
D				
	Name	Points		
Player 1				
Player 2				
Player 3				
Player 4				
Player 5				

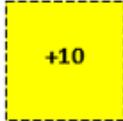
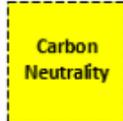
Game “Sustainability & SDGs Heatwave” – The Rules

1. Make sure you have all the materials: 1 playing board with 16 point cards stuck randomly facedown, 1 pack of 16 question cards with the answers covered and at least 1 pen.

Here, write the names of the students participating in this group, and the players write the points earned in the box besides the name. At the end of the game, the number of points is calculated to know the winner.

	Name	Points
Player 1		
Player 2		
Player 3		
Player 4		
Player 5		

2. Write your names into the points table at the bottom of the playing board.
3. To start the game, one person will pick up a question card and read out the question and the three possible answers to the person on their right.
4. Only one player is asked a question at a time.
5. If the person gets the question wrong, then **DO NOT READ OUT THE CORRECT ANSWER!** The next person to the right is then asked the same question and so on, until the question has been answered correctly.
6. The player who answers the question correctly can select a points card, e.g.: B:3 (like in the figure above). The player peels off this card and is awarded the points on it.
7. The meaning of the points cards are as follows:

	= Plus Sustainability points (Player receives points)		= Minus Sustainability points (Player loses points)
	= Carbon Neutrality (Player's current points double)		= Heatwave (Player's current points halve)
	= Sea levels rise (Player can steal all the points from a player of their choice)		

8. The person asking the question changes clockwise after each question.
9. The game ends when all the points cards have been peeled off.

Sustainability quiz questions

(Pass cut out questions around. Person asking a question changes every time.)

What is the most accurate definition of sustainability?

- a. "Development that meets the needs of the present without compromising the ability of future generations to meet their own needs."
- b. "Development that meets the needs of the present by using resources to ensure maximum economic development."
- c. "The shutting down of fossil fuel plants to reduce CO₂ emissions."

Answer: A



Which three main issues can be considered together when tackling sustainability?

- a. Ecological, Economic and Entrepreneurial
- b. Social, Ecological and Economic
- c. Social, Environmental and Sustainable

Answer: B



Complete the sentence: "Weak sustainability..."

- a. ... plants more trees.
- b. ... is good for preserving resources.
- c. ... allows for the depletion of natural resources.

Answer: C



Complete the sentence: "Strong sustainability..."

- a. ... requires that all forms of capital must be maintained independently of one another.
- b. ... demonstrates the sustainability problem.
- c. ... allows for the depletion of natural resources.

Answer: A



Tragedy of the Commons is a situation that:

- a. comes about when resources are almost depleted in a natural ecosystem.
- b. comes about when an individual has ownership over one resource.
- c. comes about when there is a shared resource that individuals have incentive to use.

Answer: C



By 2050 what number is the world's human population predicted to reach?

- a. 9 Billion
- b. 10 Billion
- c. 11 Billion

Answer: B



Products that are made from biological resources from land and sea (such as crops, forests, fish, animals and micro-organisms) are known as:

- a. Genetically Modified Organisms
- b. Bioproducts
- c. Green products

Answer: B



In Poland, in the regions of Szczecin and Vistula Lagoons, what is there is an available resource of?

- a. Low value fish-stocks.
- b. Wood chips
- c. Coal

Answer: A



How many Sustainable Development Goals (SDGs) are part of the UN 2030 Agenda for Sustainable Development?

- a. 17
- b. 8
- c. 10

Answer: A



Each SDG is supported by a set of targets with specific objectives that are associated with that Goal. How many targets are there in total?

- a. 99
- b. 1,016
- c. 169

Answer: C



SDG 1 is about poverty. What is the aim of this goal?

- a. Cut poverty in half by 2030.
- b. End poverty in all its forms everywhere.
- c. Reduce poverty by 75% by 2030.

Answer: B



To which countries are the sustainable development goals designed to apply?

- a. Low-and middle-income countries.
- b. All countries.
- c. Only high-income countries.

Answer: B



Sustainably managed forests, combat desertification, halt and reverse land degradation, halt biodiversity loss, enhanced value of biodiversity as a bio-economy asset. This is mainly related to:

- a. Goal 2 (Zero Hunger)
- b. Goal 9 (Industries, Innovation and Infrastructure)
- c. Goal 15 (Life on land)

Answer: C



A bioeconomy can contribute to sustainable yield increase, investments in agriculture, improved food and nutrition security. This is mainly related to:

- a. Goal 2 (Zero Hunger)
- b. Goal 13 (Climate action)
- c. Goal 15 (Life on land)

Answer: C



Bioeconomy can develop alternatives to fossil-based plastics and convert a waste stream into a major component of a new product. This is related to:

- a. Goal 12 (Industries, Innovation and Infrastructure)
- b. Goal 14 (Life below water)
- c. Goal 1 (No Poverty)

Answer: B



The UN agenda “Transforming Our World: The 2030 Agenda for Sustainable Development” was agreed by how many countries?

- a. 173
- b. 183
- c. 193

Answer: C

