



Climate game by Firm of the Future.

QUAGGA ISLAND



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What year will your Quagga Island become climate neutral while remaining profitable? Go for it! Take on the climate challenge.

Take a seat at the climate tables of Quagga Island and decide how you will tackle this challenge.

Negotiations at the climate table

When you play the Quagga Island simulation game, you will experience the dynamics, politics and fast-paced commotion that are part and parcel of negotiations at the climate table. How do you deal with the different interests of various stakeholders, and what decisions will you make to reach climate neutrality? How can you become CO₂ neutral, reduce energy and achieve circular waste flows, while still making a profit?

Biomimicry

The game also introduces you to biomimicry: the lessons we can learn from studying the natural sciences. Biomimicry is based on 3.8 billion years of natural evolution, where only the best solutions and adaptations survive. Mimicking natural principles results in a circular, sustainable society. Get inspired, change your frame of reference, and collaborate towards creating a sustainable ecosystem.



Introduction: the quagga has been spotted again!

The quagga is a plains zebra that used to live in South Africa. The animal looked a bit odd: it only had stripes on the front half of its body. Sadly, the last specimen of this animal died in the Artis zoo in Amsterdam in 1883. But there is good news: the quagga has been spotted again on a tropical island! To celebrate, the animal's home has been named Quagga Island.

The story

A tsunami laid waste to Quagga Island, leaving destruction in its wake. The island is being rebuilt into a climate-neutral society. A programme director (game master) has been appointed. In five rounds, five parties (government, suppliers, industry, population and tourism) will design the island to be climate neutral.

What is the goal?

The purpose of the Quagga Island game is to create a climate-neutral island without going bankrupt. Prosperity, democracy, equal opportunities and ongoing employment are the key focus areas here.

Reach the top of the climate ladder

What year will your Quagga Island become climate neutral? In addition to your individual team score, there will also be a score for your organisation. That score is the year in which your organisation can reach climate neutrality based on the choices you make. This score on

the climate ladder, the ranking of teams who have played the game, can be viewed on the website www.quagga-island.nl.

Structure of the game

The simulation game starts with an introduction in which you receive information about the island and your own role. The programme director challenges each of the parties to work together and reach the collective goal. After each round of play, you will all reflect on the consequences of the demonstrated behaviour and the choices that were made.

Each of the five parties have different interests and assignments, but they all have one collective goal: to create a climate-neutral island in the shortest possible time with the maximum amount of profit. Much like actual practice, you will experience how difficult it is to get all of the different parties aligned. You will also find out more about sustainability techniques and learn to apply them to various climate issues.

Round 1

The first step is deciding where you will start on the island, and establishing your climate-neutral goals for the island.

Round 2

Round 2 revolves around building. In this round, you will decide which buildings and facilities will be constructed and how many. You also decide where these buildings and facilities will be placed on the island.

Round 3

In this round, you will come up with an architectural sketch of one of your buildings. In addition, you will create a materials passport for your building.

Round 4

Round 4 will deal with infrastructure. You will map out the infrastructure on the island and decide how many modes of transport you will need to arrange transport to and from the island.

Round 5

This round will be about reflection. As a team, you are allowed to change one (and only one!) previously made choice per round (1 through 4) to get you closer to your goals.

ROUND 4
GOAL: APPROVAL OF INFRASTRUCTURE

Determine how often you travel to which locations using which modes of transport. Try to achieve minimal waiting periods and travel times. Place the required infrastructure on the island.

Your chosen mode of transport and infrastructure have an impact on such aspects as:

- costs,
- CO₂ emissions,
- energy consumption and
- waste.

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ROUND 4

GOAL:
approval of infrastructure





Target group

The climate game has been designed to be played by executive boards, change leaders, policy-makers, aldermen and anyone else who wants to tackle the climate challenge.



Programme

The game can be played in five hours or in three hours, i.e. five rounds versus three rounds.

Number of players

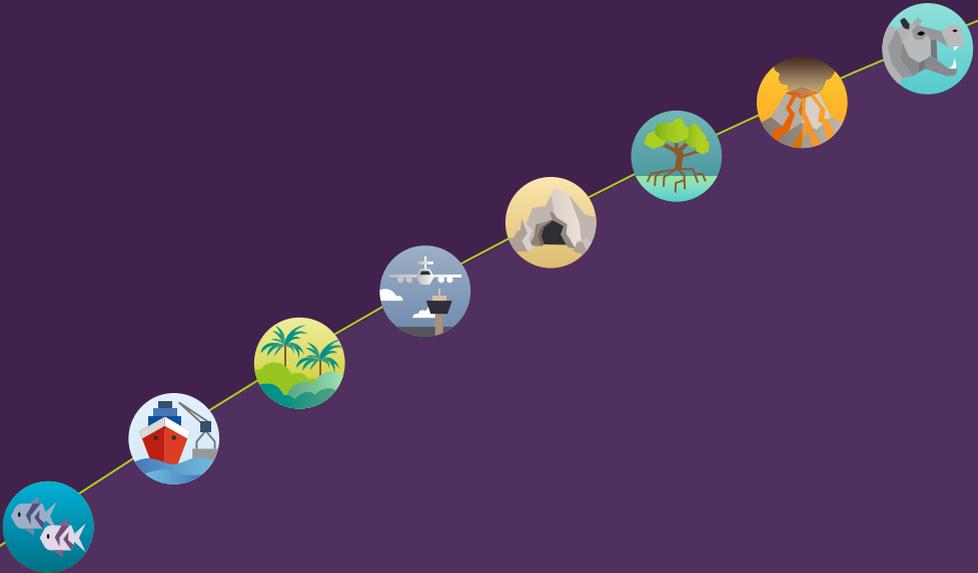
The game can be played with a minimum of 4 participants and a maximum of 15 (no more than 3 players per role).

Topics

- Climate neutrality
- Collaboration between various parties
- Sustainable design of the public space
- Natural and sustainable design

Learning objectives

- How do I apply new business models regarding climate neutrality?
- What is climate neutrality and what impact does it have on society?
- How can we work together to reach the goal of climate neutrality?
- How do I make smart climate investments?
- How do we find the right balance between the available resources?
- What adjustments are needed in terms of mobility, choice of materials and infrastructure?



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Quagga Island is a climate game by Firm of the Future. For more information, please contact Firm of the Future by sending an email to info@firmofthefuture.nl, or visit the website at www.quagga-island.nl.

In addition to Quagga Island, Firm of the Future also provides workshops and lectures on sustainability.

www.firmofthefuture.nl • www.quagga-island.nl