



THE ENVIRONMENT

# “My planet and its energy”

Ref. 20822



FOR EDUCATIONAL PURPOSES

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Ref. 20822

4-8  
years

## CONTENTS:

The game comprises 28 large pieces that are used to assemble two giant puzzles. The pieces are made from strong, very hard-wearing and high quality thick cardboard. Dimensions of the puzzles once assembled: 36.5 cm in diameter each.

The material of the pieces is eco-friendly, it comes from sustainable forests.

## DESCRIPTION OF THE CARDS

The cards illustrated with a picture form two planets: happy planet and sad planet.

The happy planet is completed with six pairs of cards with a green frame. They contain real pictures of renewable energy sources and their transformation:

1. Solar
2. Wind
3. Hydraulic
4. Wave
5. Biomass
6. Geothermal

The sad planet is completed with four pairs of cards with a red frame. They contain real pictures of non-renewable energy sources and their transformation.

7. Petrol
8. Coal
9. Natural gas
10. Nuclear

All of the energy cards are numbered on the back so they can be identified.

## RECOMMENDED AGE:

From 4 to 8 years.

## EDUCATIONAL OBJECTIVES:

- To discover where the energy that reaches our homes comes from.
- To learn to classify energy sources into renewable and non-renewable.
- To find out how the different energy sources are transformed.



- To learn the values of respect towards the environment.
- To develop an environmental awareness that helps to generate sustainable day-to-day habits.
- To develop observation and logical thinking.
- To improve psychomotor coordination and manual dexterity by handling the cards and joining them correctly.
- To develop and expand vocabulary related to the images of the puzzles.

### **METHOD OF PLAY:**

1. Place all of the pieces face up.
2. Group the pieces into three groups: planets, green frame and red frame.
3. Once grouped, assemble the planets and the energy sources.
4. Place the renewable and non-renewable energy sources around their corresponding planet to complete the giant puzzles.
5. Name and describe the different energy sources that appear.

