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# THE QUIZ SHOW

## SECTION 1: RENEWABLE ENERGY

- 1) This photo represents the largest photovoltaic park in Italy. Where is it located?



## SECTION 1: RENEWABLE ENERGY

**2)** What kind of energy does the expression “white carbon of the Alps” refer to? Why?

**3)** Italy has experienced frequent “NIMBY” problems that produced delays and in some cases cancellations of infrastructure projects.

What does the acronym NIMBY mean?

Why do we often talk about this syndrome when we discuss wind turbines?

One solution that we would like to experiment in Sardinia is that of offshore wind.

What's it about?

## SECTION 1: RENEWABLE ENERGY

4) When visiting the area in the picture, you can see the contrast between old and new. Where was this photo taken?

What type of energy is produced in the plants that can be seen in the background?



## SECTION 1: RENEWABLE ENERGY

**5)** Greenpeace Italy recently stated: "It is wrong to think that burning wood which does not come from unusable waste is a sustainable alternative to fossil fuels: the CO<sub>2</sub> emitted by the combustion of felled trees is not reabsorbed by other trees planted in their place. Young forests are unable to absorb the same amount of CO<sub>2</sub> as mature natural forests. Planting lots of trees and passing them off as a real forest is just greenwashing".

What kind of controversial renewable energy is Greenpeace referring to?

## SECTION 1: RENEWABLE ENERGY

6) Near Verona, between 1929 and 1935, an Italian engineer created a house called Villa Girasole.



Why can he be considered a pioneer on renewable energy?

## SECTION 2: ITALIAN CULTURE

7) Who and what does this fresco represent?

Where can you find it?

And who painted it?



## SECTION 2: ITALIAN CULTURE

8)

*“Nel mezzo del cammin di nostra vita  
mi ritrovai per una selva oscura  
ché la diritta via era smarrita”*

These are the first verses of a very famous poem, which one?  
Who wrote it?



## SECTION 2: ITALIAN CULTURE

- 9) This is an Italian group that won Eurovision in 2021, do you know who they are?  
What song did they win with?



## SECTION 2: ITALIAN CULTURE

**10)** This is a very famous sculpture. Do you know who made it?

What is the myth behind this sculpture?



## SECTION 2: ITALIAN CULTURE

11) Do you know the title of this film?

What does it talk about?

What title did it win?



## SECTION 2: ITALIAN CULTURE

- 12) In the picture you can see the protagonists of one of the most famous Italian novels. They are two lovers who struggled to marry each other, they had to go through many difficulties but they made it in the end.
- Do you know what novel it is?
- Who was it written by?
- What are the protagonists' names?



## SECTION 3: RECYCLE

**13)** This is the logo of an Italian company that reuses milk waste. What does it produce with them?



## SECTION 3: RECYCLE

14) What does Pigmento start-up produce by recycling agricultural and food waste?



## SECTION 3: RECYCLE

**15)** Solve the rebus in the picture and find the name of the italian company that bases its activity on enhancement of by-products from the rice cultivation to develop new construction materials.





## SECTION 3: RECYCLE

**16)** Vegea is an Italian Company that, in collaboration with Italian wineries, has developed a process for the valorization of wine waste. What does it produce with them?





## SECTION 4: ITALIAN SCIENTISTS

17) What is the “Automaton Knight” and who was its creator?



## SECTION 4: ITALIAN SCIENTISTS

**18)** Guglielmo Marconi is an Italian scientist famous for the radio invention.  
But he created other things. What are these?

**19)** Which Italian scientist has invented the scientific method?  
What are its phases?

## SECTION 4: ITALIAN SCIENTISTS

**20)** During the Second World War it was very difficult to do scientific research, but the future Nobel Prize Rita Levi Montalcini was not discouraged.

To continue studying the development of the nervous system in the country house where she was a refugee, which embryonic cells did she use?

