



CREATE A
COMMUNICATION
TOOL ON
RENEWABLE ENERGY

Physics | Chemistry | Computer Science



ENERGY :
PRODUCTION AND
RESOURCES

PEDAGOGIC CONTENT:

- Renewable energy sources
- Wind
- Sun
- Water
- Biomass
- Geothermics

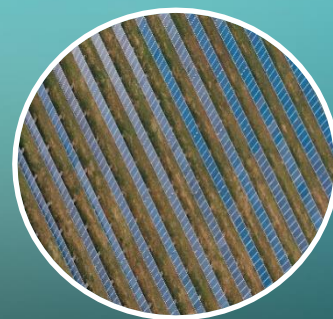
PRE-REQUISITES:

Knowledge about renewable energy (O1 draft)

NEW COMPETENCIES TARGETED/LEARNING OUTCOMES:

STUDENTS WILL BE ABLE TO:

- Retransmit information through a panel / poster
- Identify sources and forms of energy (energy associated with a moving object, electric and solar energy)
- Create a communication tool









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DESCRIPTION:

PREPARATION

Find books and internet sites on renewable energy in the Mediterranean. The teacher can also target his country or region as a research area.

IMPLEMENTATION

-  #1: The teacher introduces the activity and divides students in 3/4-scholars groups.
-  #2: The teacher asks student to do some research (information, photos or images) on renewable energy (general definition, sources) using the books available and internet sites.
-  #3: The teacher lets the students summarize the different sources of renewable energy and choose a specific topic of energy / group.
-  #4: Each group looks for illustrations on the specific sources of energy, such as hydroelectric power, and finds an image and a small explanation corresponding to the energy production system.
-  #5: After the research, each group summarize the information found on a panel or on a software (power point) or a dedicated website to create a poster.
-  #6: The teacher lets each group present its work and do a final synthesis and discussion about what has been learned during the activity.

Type of activity	 Publication/exhibition, Information research
Target audience	 From 11 years old
Place	 Classroom
Material needed	 Computers and access to a documentation center 1 panel/group if necessary Colored markers if necessary
Duration of activity	 Implementation : 1-2 hours
Authorship	 CPIE Bastia U Marinu No authorization or registration required
Links	 Create your own panel online: - English: https://spark.adobe.com/make/social-media-graphics/ - French: https://www.canva.com/fr_fr/
Notes by author	 None

