

TOPIC

Energy

SDGS



LEARNING OUTCOMES

- 6.5.1 I can identify different types of renewable (solar energy, wind energy, water energy) and non-renewable sources (fossil fuels) to produce energy.
- 6.5.2 I can describe how Malta generates its energy so far.

ADDITIONAL OUTCOMES

- I can appreciate the work of a local STEM professional: An Engineer
- I can identify different apparatus found in a laboratory

MATERIALS NEEDED

<https://www.csm.edu.mt/stemmersion/>

- PowerPoint: stemmersion_y6_s1.pptx
- Video: Engineer Interview
- VR kit
- VR expedition: Malta's Energy Sources| STEMMERSION on ExpeditionsPro App
- laptops / computers per pair/individual students
- Discussion forum prepared with prompt on Padlet

KEY WORDS

fossil fuels (such as crude oil, coal and gas), solar energy, wind energy, generate, renewable, non-renewable, clean energy, power station, interconnector.

SESSION ACTIVITIES



PowerPoint about energy in Malta



Maltese STEM Professional Video: Engineer



VR expedition: Malta's Energy Sources | STEMMERSION on ExpeditionsPro which can be seen through a VR headset.



Students listen to a podcast - "We the Children - Kids talk climate solutions" - S01E01 "We the children - Uncovering your "One Green Thing".

- Discuss the impact of human action on the environment

CONCLUSION

**anything here? can I delete? -
Maybe students see what other
students have wrote? ma nafx in**