

Factsheets

Special Issue – Learning from Home
A fun way to learn about or revise energy
April 2020

planete
energies

An initiative by  **TOTAL**
FOUNDATION

In this difficult period of lockdown, Planète Energies is offering factsheets on energy-related topics to help make learning and revising fun.

On each factsheet, you will find a short video with a game or exercise related to the topic covered.

All content is organized by level:

- elementary,  Exploring
- Intermediate  Tell me more
- advanced.  Going in depth

On its website, Planète Energies also offers a range of media (infographics, videos, reports, close-ups, slideshows, etc.) all about energy. These are aimed at giving young people and their teachers and parents key facts on all types of energy, as well as how they can be used responsibly.

The site is packed with content, with even more on Twitter or on Planète Energies' YouTube channel.

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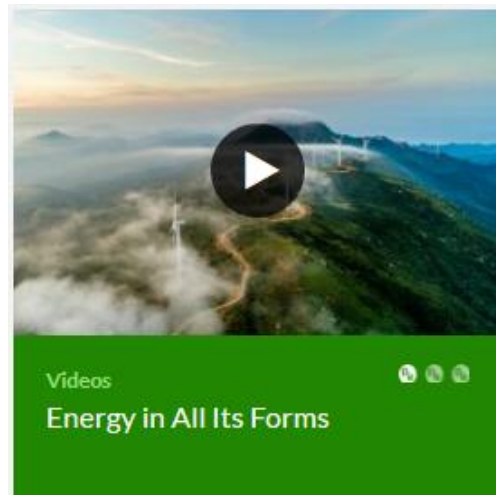


Energy in All Its Forms

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-energy-all-its-forms>

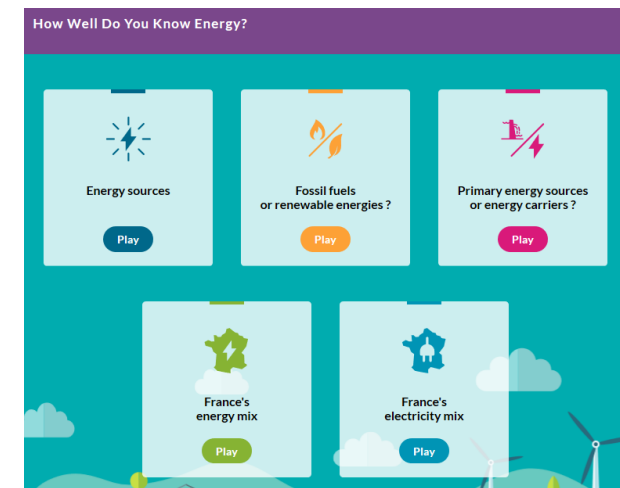
This module gives a brief overview of all the different forms of energy. From low-carbon energy to renewables, fossil fuels and primary energy converted to secondary energy, this video will explain it all. Finally, the “How Well Do You Know Energy?” game is a fun way to find out how much you’ve learned. So grab your mouse and start playing!

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/energy-all-its-forms>

Practice what you’ve learned by playing the game



<https://www.planete-energies.com/en/medias/games/how-well-do-you-know-energy>

Natural Gas

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-natural-gas>

As global demand for natural gas – the lowest carbon fossil fuel – continues to grow, production, transportation and storage techniques are continually being optimized. Find out more and learn about exploration and extraction methods in natural gas reserves that are currently difficult to access.

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/z-natural-gas>

🔍 🌐 📱 Exploring

Practice what you've learned by playing the game



<https://www.planete-energies.com/en/medias/games/how-well-do-you-know-energy>

🔍 🌐 📱 Exploring

Energy Efficiency

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-energy-efficiency>

Find out what energy efficiency is, how it is measured and how it can be improved.

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/measuring-and-improving-energy-efficiency>

🌐 🌐 🌐 Exploring

Exercise level 1 / Beginner: *Practice what you've learned*

How Much **Electricity** Does Your Video Game Console Use?



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-1>

🌐 🌐 🌐 Exploring

Energy Efficiency (2)

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-energy-efficiency>

Find out what energy efficiency is, how it is measured and how it can be improved.

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/measuring-and-improving-energy-efficiency>

🌐 🌐 🌐 Exploring

Exercise level 2 / intermediate:

Practice what you've learned

Reading the Labels When Choosing Home Appliances.



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-first-set>

🌐 🌐 🌐 Tell me more

Digital and Everyday Energy

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-digital-and-everyday-energy>

The digital sector accounts for between 3% and 4% of global energy consumption, and digital equipment and connected devices are becoming more and more widespread. Find out how to balance digital and energy consumption:

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/reconcile-digital-technology-and-energy-consumption>

👤 👤 👤 Exploring

Practice what you've learned

Exercise level 3 / Expert:

Charts to Help Visualize Flows



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-1>

👤 👤 👤 Going in depth

Videos and Online Games

→ <https://www.planete-energies.com/en/medias/close/factsheet-videos-and-online-games>

Online videos produce CO₂ emissions. True or false? Find out!

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/online-videos-produce-co2-emissions>

👤👤👤 Exploring

Practice what you've learned

Exercise level 1 / Beginner:

How Much Electricity Does Your Video Game Console Use?



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-0>

👤👤👤 Exploring

The Cities of the Future

→ <https://planete-energies.com/en/medias/feature-reports/cities-future-0>

How can we live better in the cities of the future? And what are the sustainable solutions available to us? Find out more about renewable energies, alternative transportation methods and ways to reduce pollution.

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/living-better-cities-future>

🌐 🌱 🌞 Exploring

Exercise level 2 / Intermediate: *Practice what you've learned*

Understanding a Solar Map



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-0>

🌐 🌱 🌞 Tell me more

Electrical Energy Storage

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-electrical-energy-storage>

In a world where the need for electricity keeps increasing year after year, electricity storage has become a real priority, as it offers the only solution for balancing supply and demand. In this module, you will learn about the different methods for storing electrical energy.

Learn or revise by watching the video



<https://www.planete-energies.com/en/medias/videos/electrical-energy-storage>

🌐 🌐 🌐 Exploring

Practice what you've learned

Exercise level 3 / expert:

Representing a Table in Chart Form.



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-first-set>

🌐 🌐 🌐 Going in depth

Electrical Energy Storage (2)

→ <https://www.planete-energies.com/en/medias/feature-reports/factsheet-electrical-energy-storage>

In a world where the need for electricity keeps increasing year after year, electricity storage has become a real priority, as it offers the only solution for balancing supply and demand. In this module, you will learn about the different methods for storing electrical energy.

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🌐 🌐 🌐 Exploring

Exercise level 3 / Expert:

Practice what you've learned


Charts to Help Visualize Flows



<https://www.planete-energies.com/en/medias/games-and-exercises/exercises-read-tables-and-charts-properly-0>

🌐 🌐 🌐 Going in depth

Many more videos are available at <https://www.planete-energies.com/en>

or on our YouTube channel:  Planète Energies - YouTube

