

Comparing Global Energy Plans

Part 1: World Energy Consumption: <https://yearbook.enerdata.net/>



Explore the 4 tabs under “Total energy” (Production, Trade, Consumption, and Energy Intensity)

Enerdata

Global Energy Statistical Yearbook 2017

DOWNLOAD DATA | PREVIOUS EDITIONS | GLOSSARY | SOURCES

TOTAL ENERGY

CRUDE OIL

OIL PRODUCTS

NATURAL GAS

COAL, LIGNITE

ELECTRICITY

RENEWABLES

CO₂ FUEL COMBUSTION

PRODUCTION

TRADE

CONSUMPTION

ENERGY INTENSITY



What stands out to you after reviewing the data? - Discuss with your table before answering.

Share your Thoughts with Your Partner



How were your partner's takeaways similar/different from yours?



Choose 1 country from each continent and explore each of the tabs for each country you choose. Be sure to look at of the tabs and dig deeper into the categories and connected tabs.

TOTAL ENERGY

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Country	Summary of Energy Use Connected the Country

Discuss with your partner before moving on.

Part 2: Review Your Energy Plan



Briefly describe how your plan addresses each of the following components connected to sustainable energy use.



How will your plan address efficiency?



How will your plan address conservation?



How will your plan address improvements to infrastructure/grid?



Which sources did your plan connected to each sector?

Sector	Energy Resources Supporting Sector	Why you chose these?
Industrial		
Transportation		
Commercial		
Residential		

Discuss with your partner before moving on.

Part 3: Country Energy Use Research



Choose a country from a continent where you might like to live. You cannot choose the United States. Please try to choose a different country than your partner and classmates near you.



Research the country’s current energy use and learn what you can about their plans for the future.

- If you need help picking a country explore this [Countries by Continent](#) list.



How does your chosen country plan to address efficiency?



How does this compare to your plan?



How does your chosen country plan to address conservation?



How does this compare to your plan?



How does your chosen country plan to address improvements to infrastructure/grid?



How does this compare to your plan?



Which sources does your researched country plan connect to each sector?

Sector	Energy Resources Supporting Sector	How do these compare to your plan?
Industrial		
Transportation		
Commercial		
Residential		

Discuss with your partner before moving on.

Part 4: What is Illinois Doing to Create a Sustainable Energy Future



Explore this article: [Is Illinois America's Next Clean Energy Leader?](#)



What do you think about Illinois moving forward with this plan?



Explore the [Naperville Power Up! Site](#)



What do you think about the Naperville commitments to powering the future?

Discuss with your partner before moving on.

Part 5: Reflect and Share Your Learning



Create a visual responding to the question below using Google Autodraw. Share your visual in our [Unit 4 Padlet](#).



How does your plan compare to another country’s plan?



Extend your learning experience with these videos and sites.

- [Good Review of Energy Consumption](#)
- [11 Countries Leading the Charge on Renewable Energy](#)
- [International Energy Efficiency Scorecard](#)