Στέφανος Καρωτάκης

τάξη Γ΄6

3ο Γυμνάσιο Ηρακλείου

AFFORDABLE AND CLEAN ENERGY

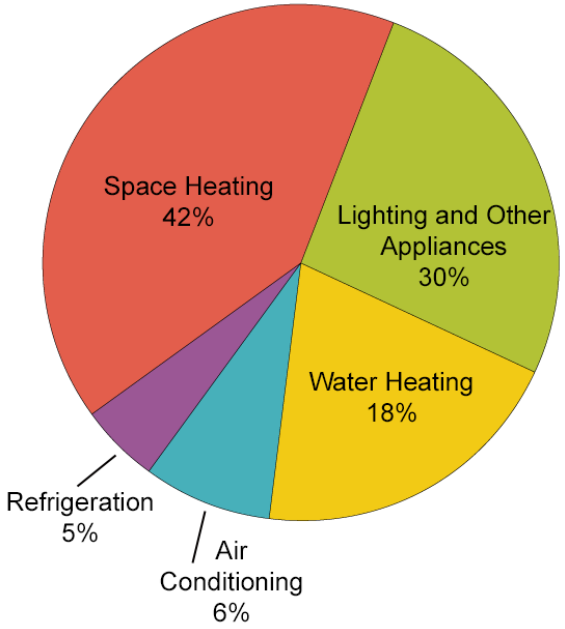
Renewable energy solutions

energy solutions are becoming cheaper, more reliable and more efficient every day

Our current reliance on fossil fuels is unsustainable and harmful to the planet

we have to change the way we produce and consume energy!

How Energy Is Used in Homes (2009)*

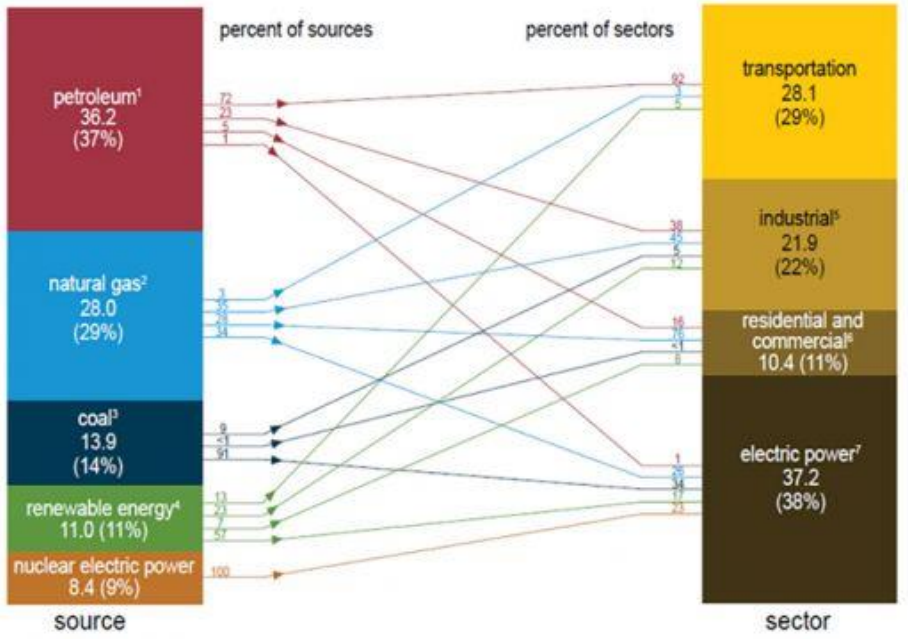


* 2009 is the most recent year for which data are available.

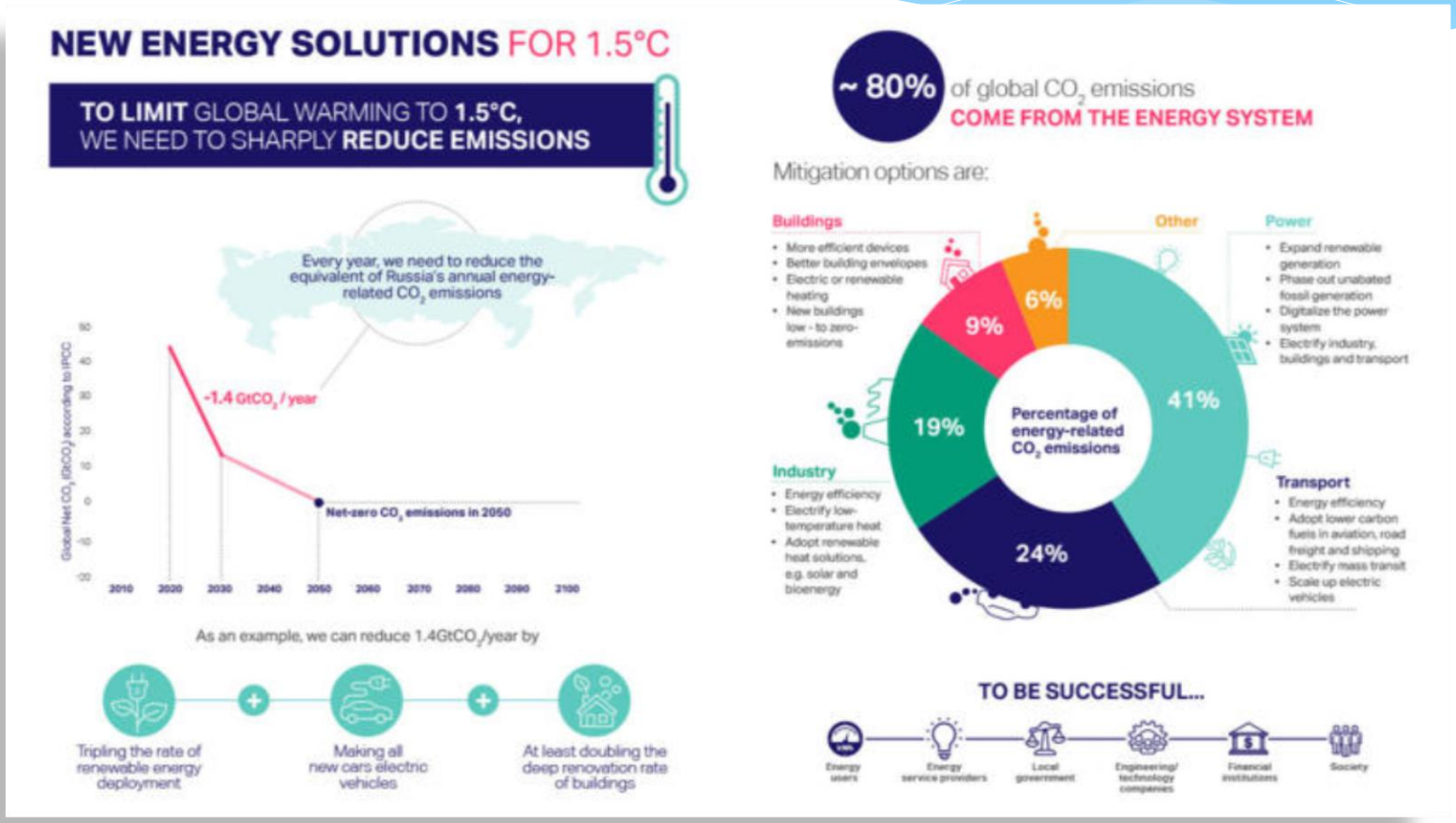
Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey (RECS) 2009*.

U.S. primary energy consumption by source and sector, 2017

Total = 97.7 quadrillion British thermal units (Btu)

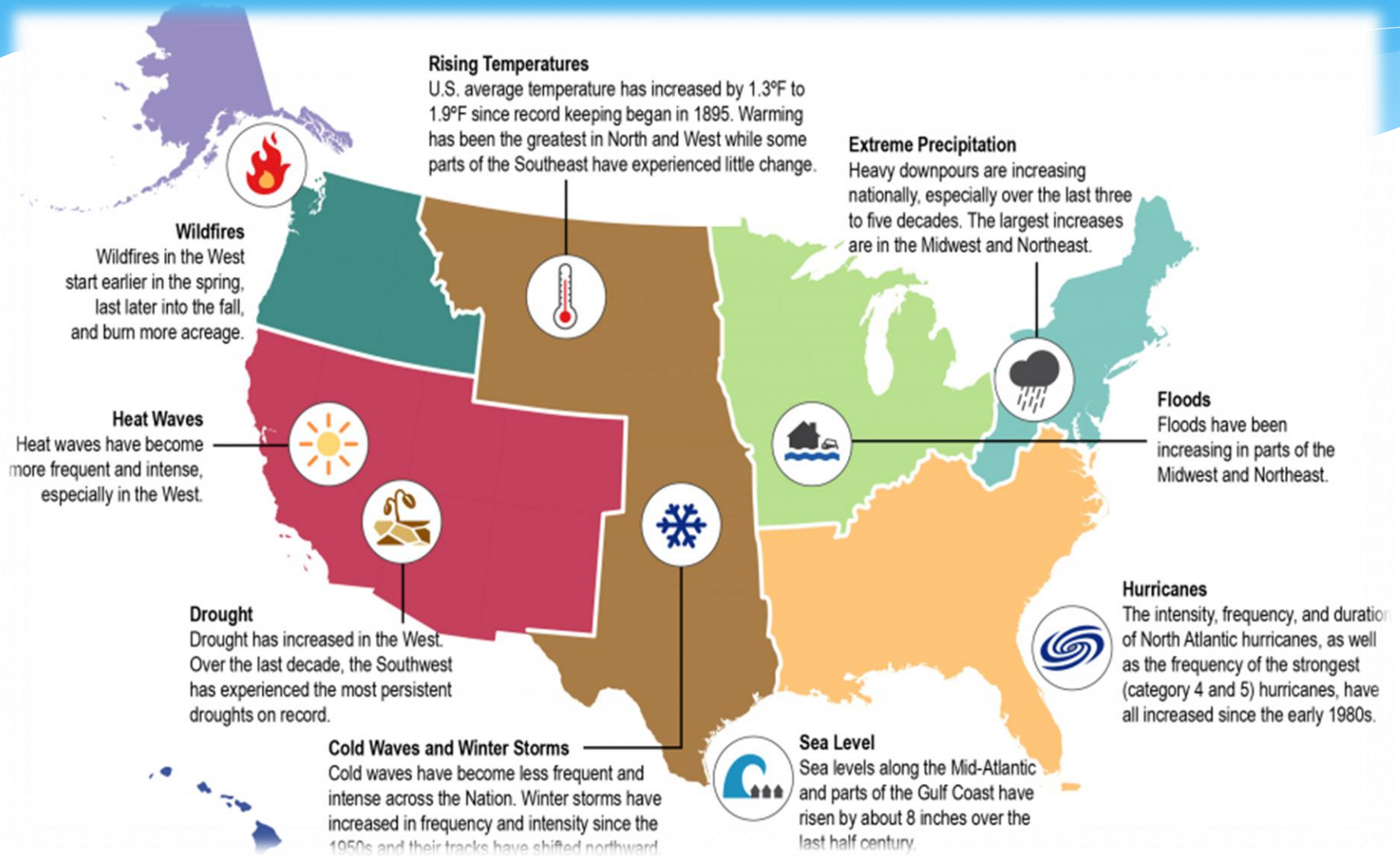


Implementing new energy solutions

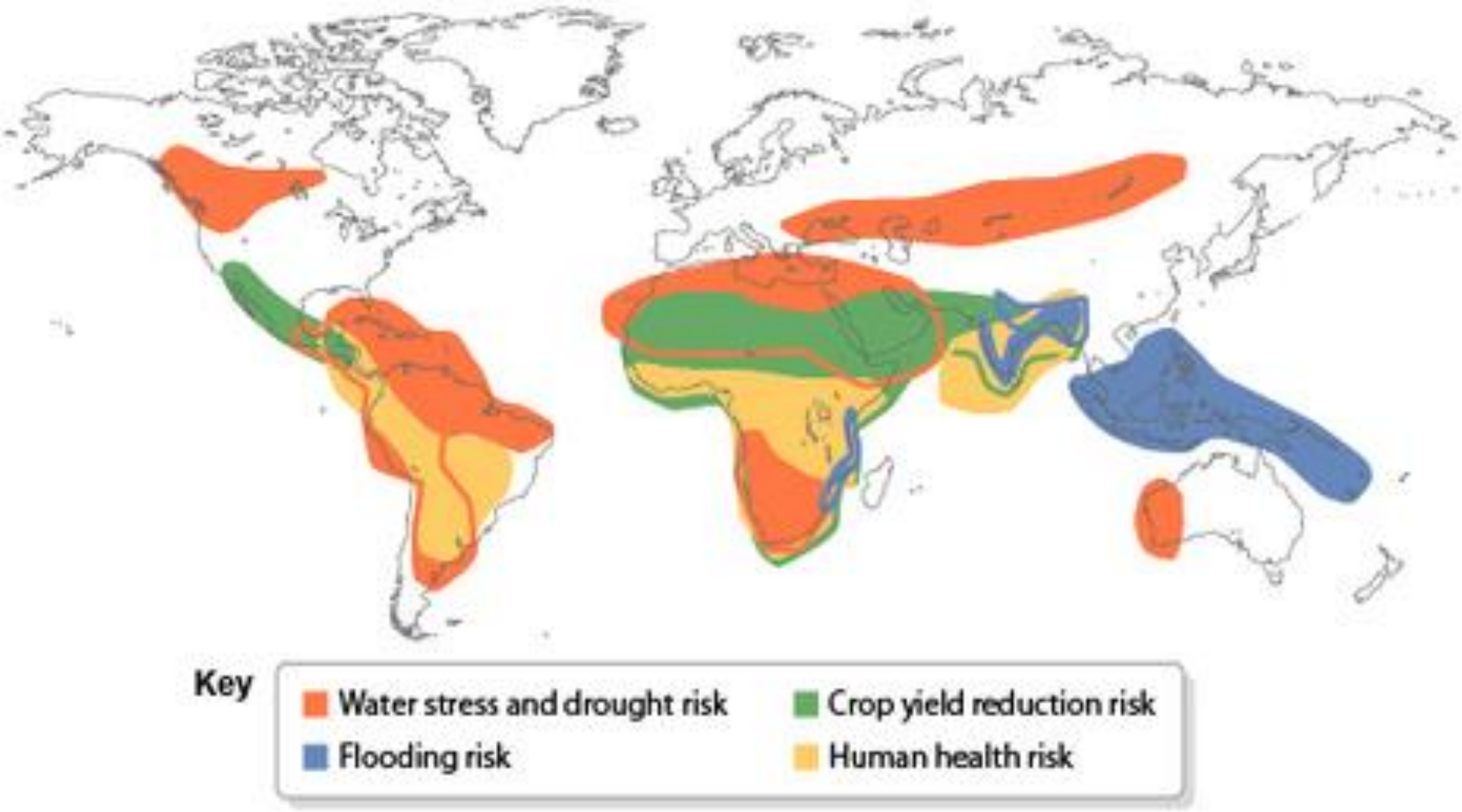


as fast as possible is essential to counter climate change

climate change, one of the biggest threats to our own survival



RISKS OF CLIMATE CHANGE



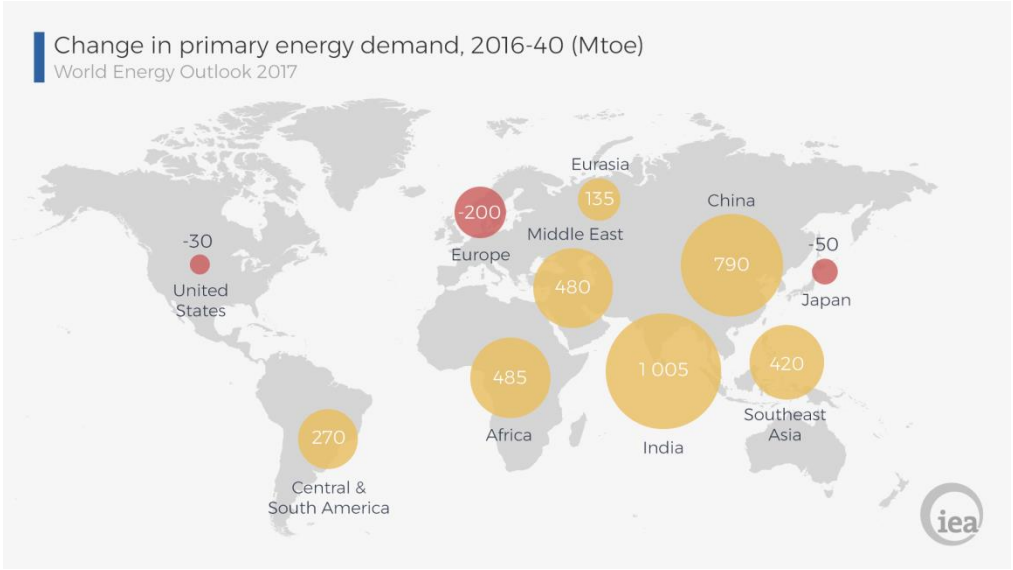
The Targets of affordable and clean energy

Universal Access to Modern Energy

By 2030, ensure universal access to affordable, reliable and modern energy services.

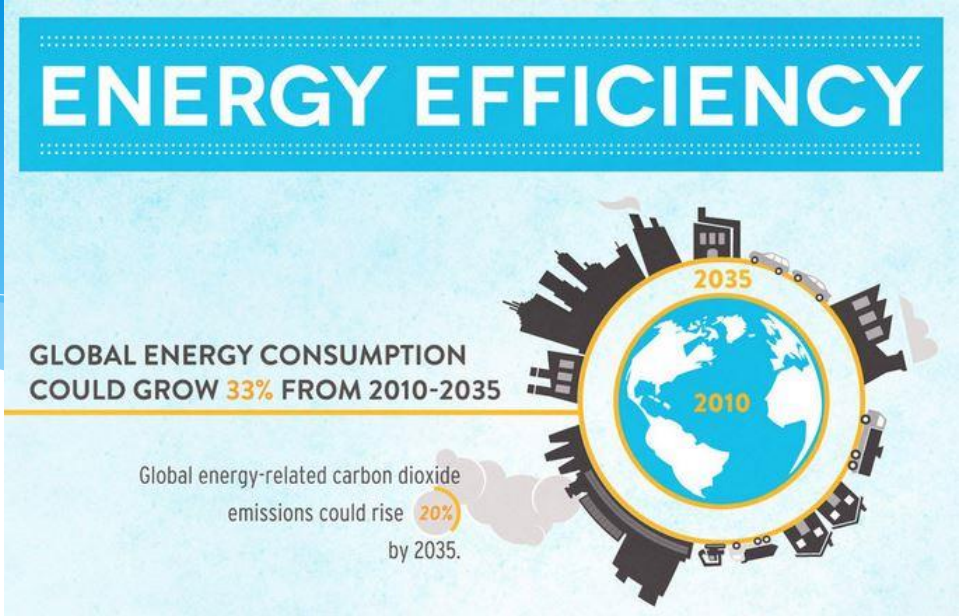
Increase Global Percentage of Renewable Energy

By 2030, increase substantially the share of renewable energy in the global energy mix.



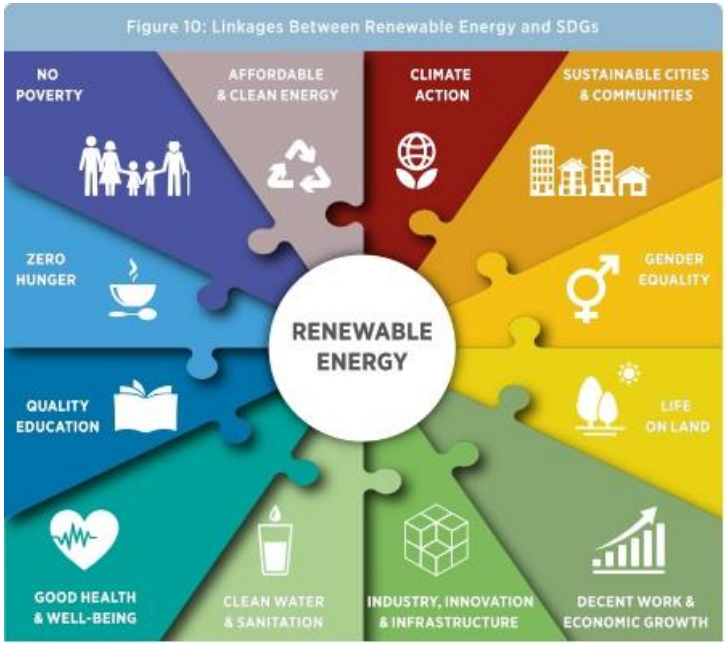
Double the Improvement in Energy Efficiency

By 2030, double the global rate of improvement in energy efficiency.

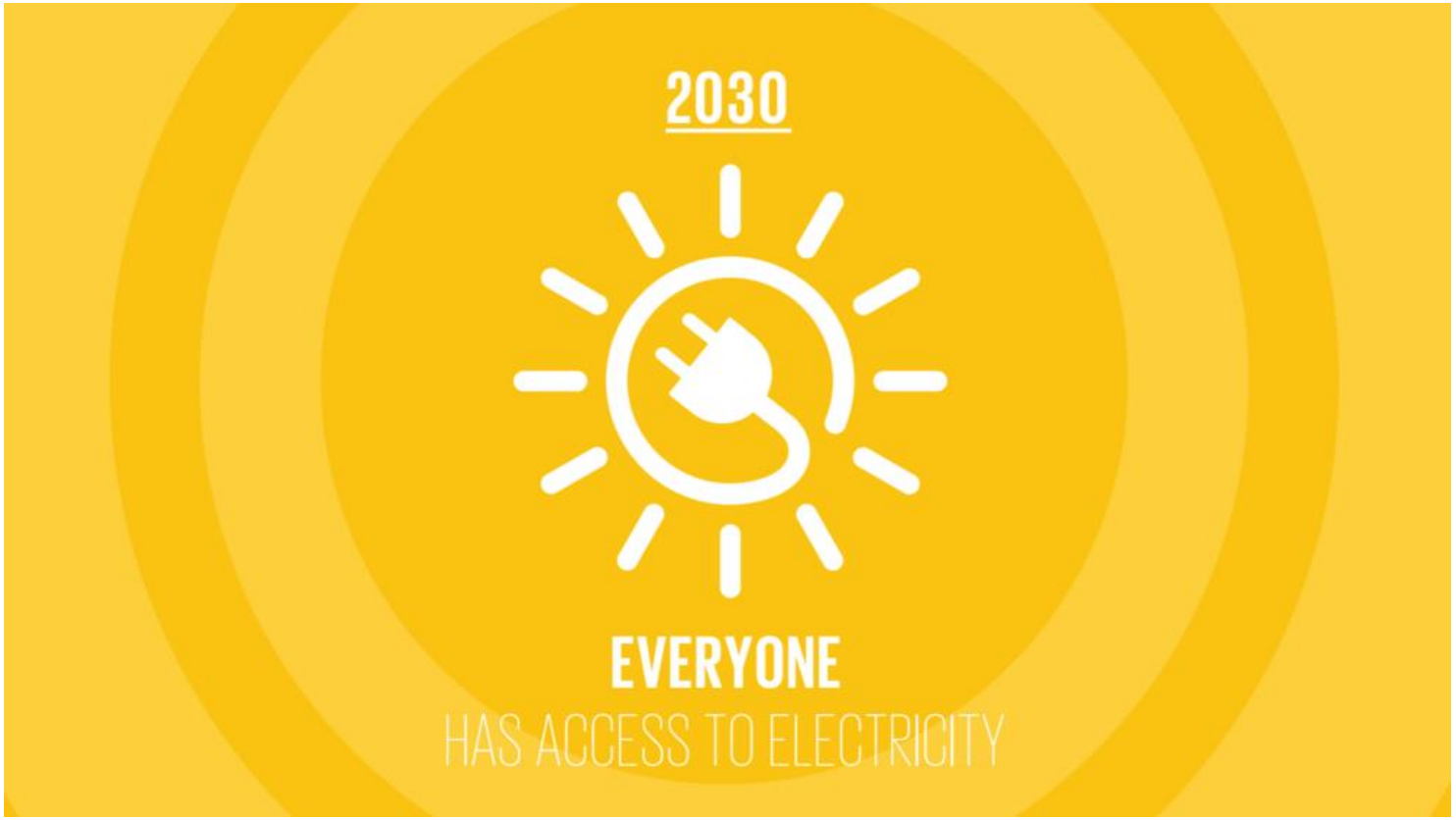


Promote Access to Research, Technology and Investments in Clean Energy

By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.



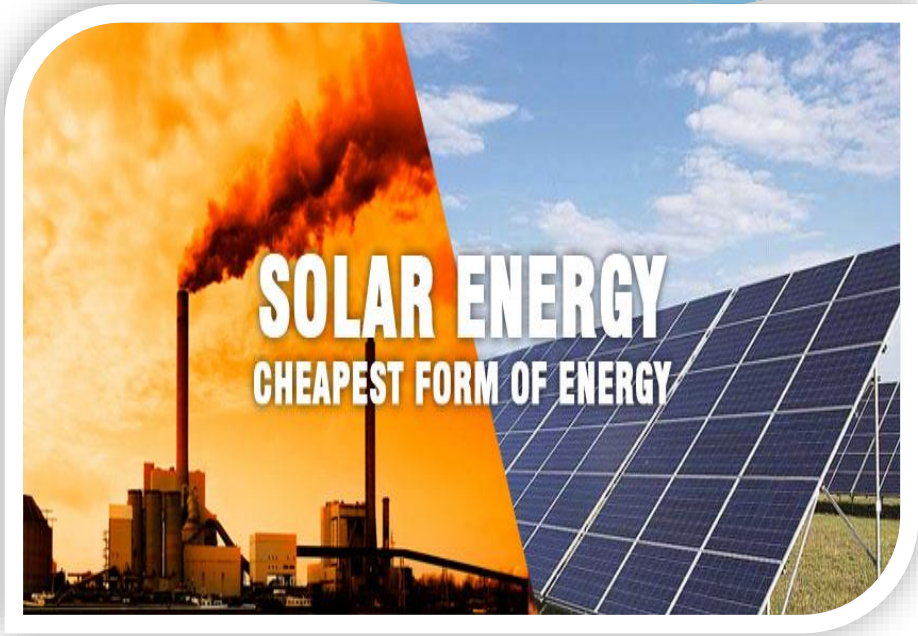
* **Expand and Upgrade Energy Services for Developing Countries**
By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support.



THINGS TO DO

Don’t use multiple devices at the same time. Be mindful about this and only several devices when absolutely necessary.

Use solar energy sources. Install solar panels in your home for your heating and electricity. Use solar technology – radio, charger, lights etc…



THINGS TO DO

Find a Goal 7 charity you want to support. Any donation, big or small, can make a difference!.

Switch off your appliances at the socket. Turn off the lights when you're not using them.

Turn off your air conditioning, especially for sleeping – open a window or use a fan.

Buy rechargeable electronics. Don't buy or use one-use batteries.

INTERNET SOURCES

- https://www.globalgoals.org/
- https://gr.pinterest.com/pin/486459197234322983/
- https://www.ceh.org/news-events/blog/fossil-fuel-dependence-pollutes-planet-bodies/
- https://health2016.globalchange.gov/climate-change-and-human-health
- https://legendpower.com/uncategorized/energy-efficiency-infographic/
- https://www.researchgate.net/post/What_literature_exists_on_the_benefits_of_renewable_energies_towards_reaching_the_Sustainable_Development_Goals_SDGs

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