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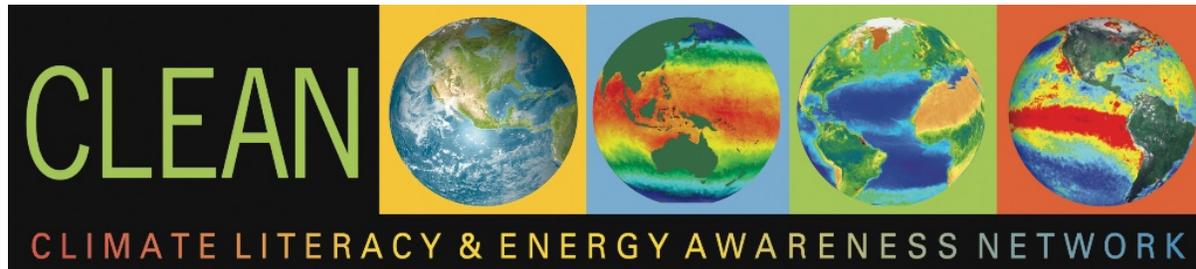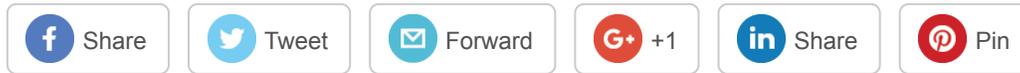
Energy Sources | Renewable Energy | Renewable Capacity

CLEAN STEM Flash

A Timely Climate and Energy E-Learning Series to Use and Share

November 6, 2019

Topic: Renewable Energy

Engineers and scientists are innovating ways to advance our energy infrastructure to be focused on net-zero and renewable sources in response to climate change.

CLEAN Resource Feature

Video: Energy Sources

This video offers valuable insight on the pros and cons of various renewable and nonrenewable energy sources and explains how they're used to produce energy.

Video length: 6:09 min
Audience: Middle School

Browse CLEAN for more videos related to energy sources.

Through technological growth and innovation, scientists have been able to use a wide variety of energy sources to fit our everyday needs. This video discusses the benefits and

hydro electricity, wind power, geothermal power, solar power, hydrogen fuel power, biomass power, and nuclear fusion power.

CLEAN Resource Feature

Activity: Renewable Energy Living Lab: Energy Priorities
In this activity, students explore feasible locations for renewable energy in their home state based on real data for energy potential from NREL (National Renewable Energy Laboratory).

Audience: Middle School
Take a look at some more CLEAN resources focused on Renewable Energy.

Students use the same approaches an engineer would in assessing the best and worst locations for the production of five different renewable energy sources. Using mapping data from NREL, students are able to make recommendations on the best forms of renewable energy in their assigned state.
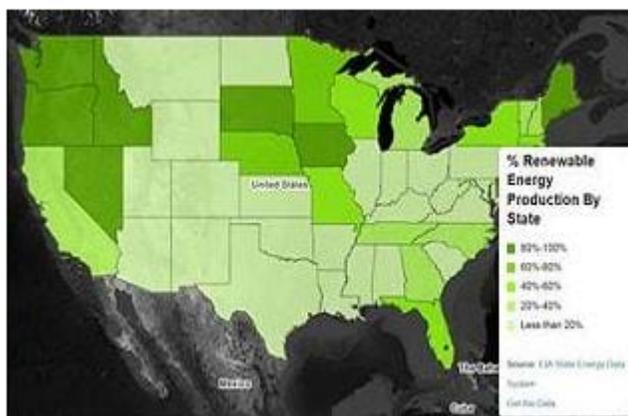
In the News: Renewable capacity set for 50% growth over the next few years, IEA says

This article reports on the predicted renewable power capacity increase of 50% between 2019 and 2024.

Explore the CLEAN collection of climate & energy learning resources

CLEAN supports teaching and learning about climate and energy with 700+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

Browse the CLEAN collection by NGSS topics.

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