

100% PERU

Transition to 100% wind, water, and solar (WWS) for all purposes
(electricity, transportation, heating/cooling, industry)



Residential rooftop solar
21.7%



Solar plant
19.7%



Concentrated solar plant
2%



Onshore wind
25%



Offshore wind
0%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
13.5%



Wave energy
1%



Geothermal energy
6.8%



Hydroelectric
10.2%




Tidal turbine
0.1%



40-Year Jobs Created


Number of jobs where a person is employed for 40 consecutive years

Operation jobs: 

34,537

Construction jobs: 

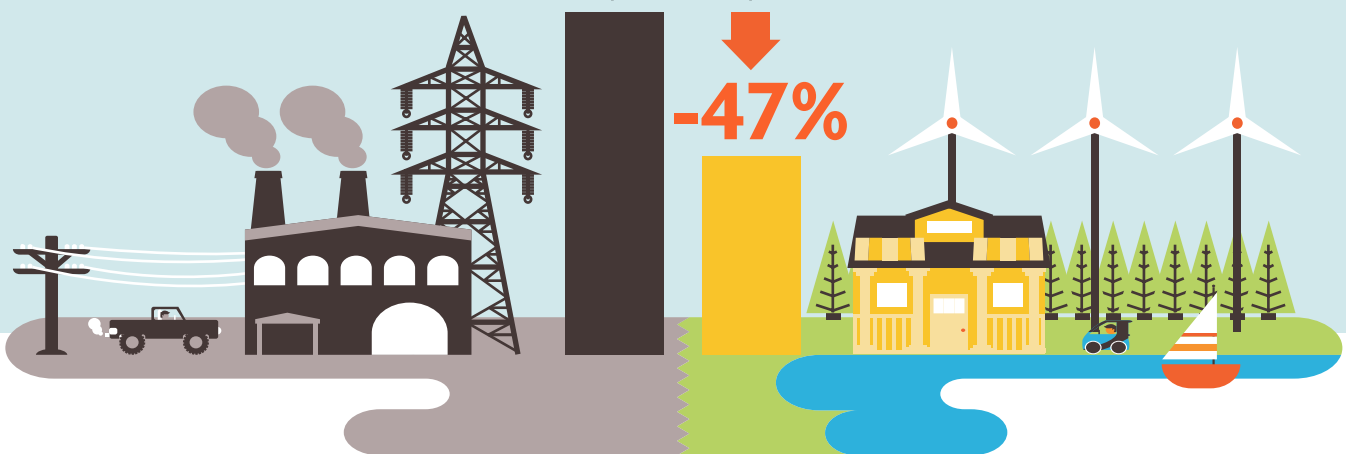
43,679

 = 10,000

Using WWS electricity for everything, instead of burning fuel, and improving energy efficiency means you need much less energy.

2050 Demand with BAU

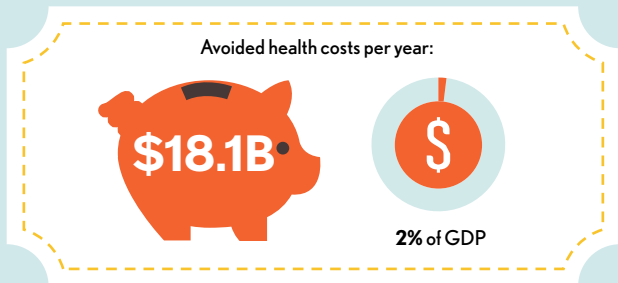
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



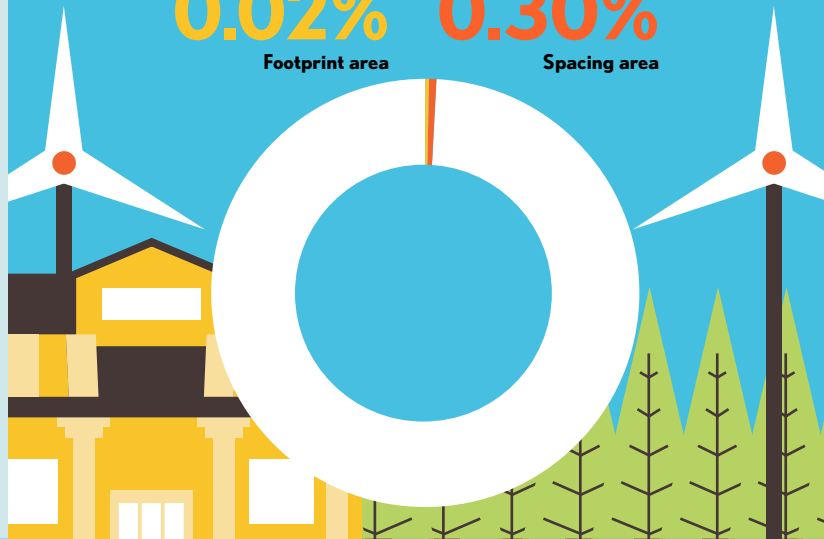
Air pollution deaths avoided every year: **2,641**



Plan pays for itself in as little as **1.8** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.02% Footprint area
0.30% Spacing area



Future Energy Costs 2050

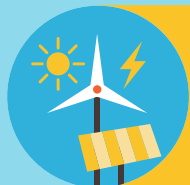
BAU (Business as usual) WWS (Wind, water, solar)



Average fossil-fuel energy costs*

9.2 c/kWh

*Health and climate external costs of fossil fuels are another 5.7c/kWh



Average WWS electricity costs

8.5 c/kWh

Money in Your Pocket

= \$200

Annual energy, health, and climate cost savings per person in 2050: **\$1,398**



Annual energy cost savings per person in 2050: **\$31**

