

100% HONDURAS

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



Residential rooftop solar
17.2%



Solar plant
14.8%



Concentrated solar plant
7.5%



Onshore wind
25%



Offshore wind
7.5%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
6.6%



Wave energy
4%



Geothermal energy
11.2%



Hydroelectric
5.9%



Tidal turbine
0.3%



40-Year Jobs Created


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

Operation jobs: 

7,751

Construction jobs: 

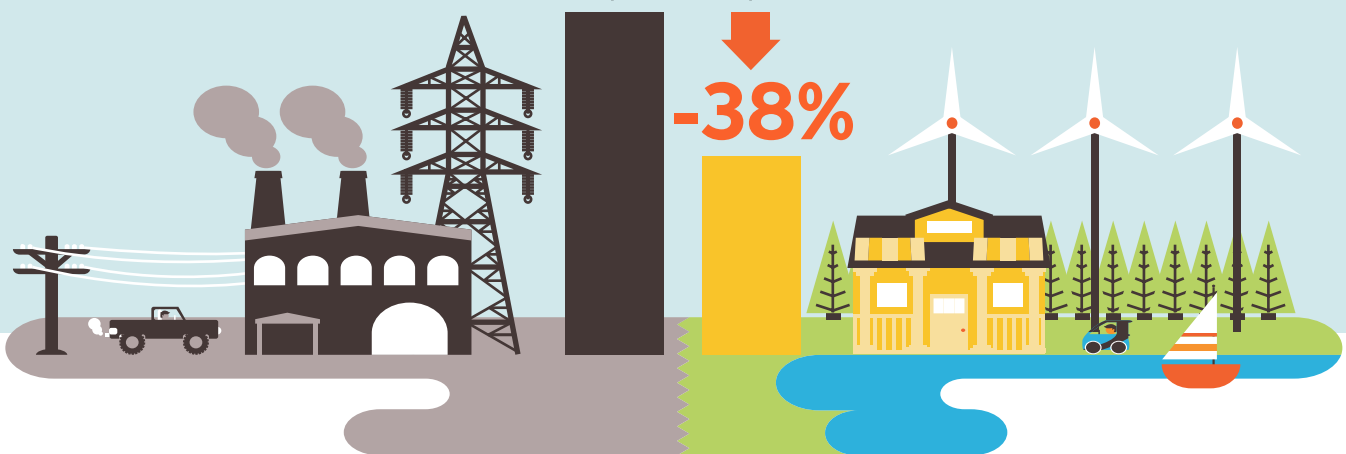
10,157

 = 1,000

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

2050 Demand with BAU

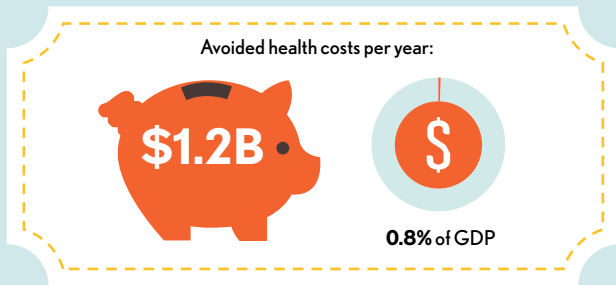
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



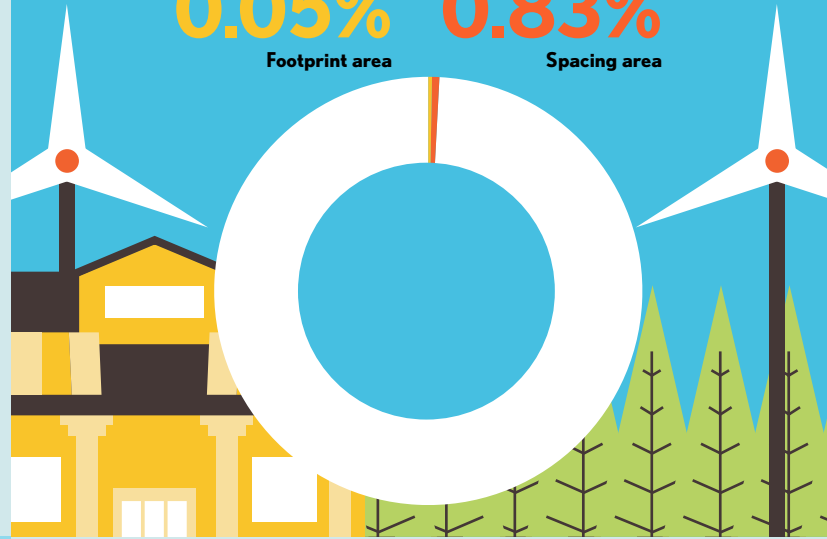
Air pollution deaths avoided every year: **257**



Plan pays for itself in as little as **3.3** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.05% Footprint area
0.83% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

10.1 c/kWh

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



Average WWS electricity costs

8.6 c/kWh

Money in Your Pocket

(P) = \$50

Annual energy, health, and climate cost savings per person in 2050: **\$427**



Annual energy cost savings per person in 2050: **\$23**

