

100% INDONESIA

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



Residential rooftop solar
8.7%



Solar plant
49.3%



Concentrated solar plant
10%



Onshore wind
6.3%



Offshore wind
10%

2050

PROJECTED
ENERGY MIX



Commercial/govt rooftop solar
8.7%



Wave energy
2%



Geothermal energy
3.9%



Hydroelectric
1.1%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



500,660

Construction jobs:



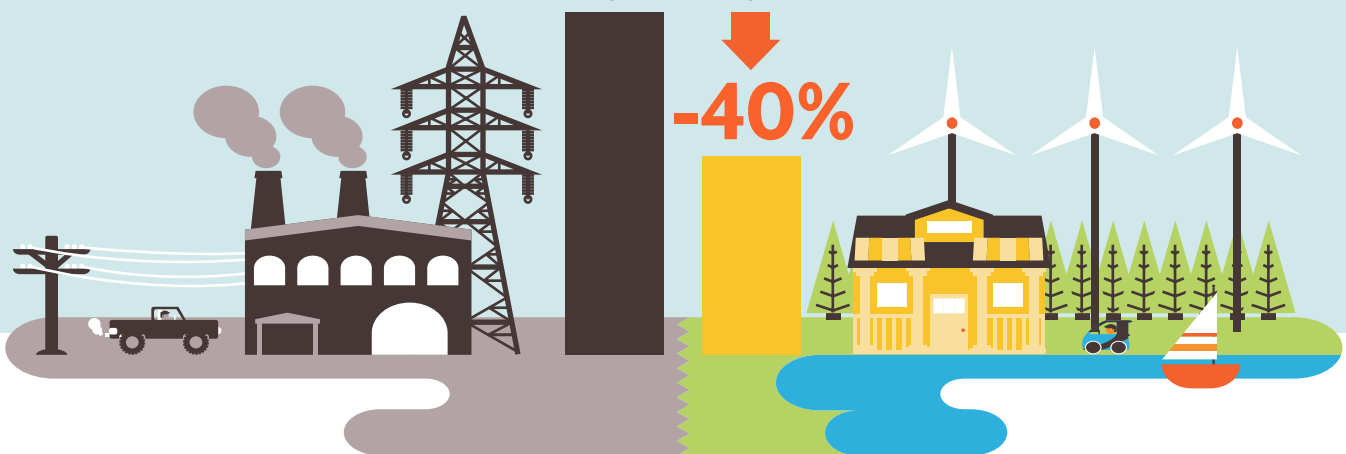
542,343

= 50,000

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

2050 Demand with BAU

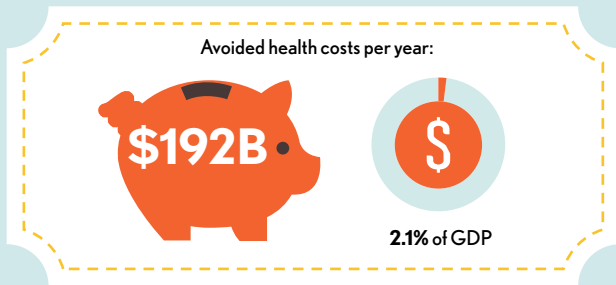
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



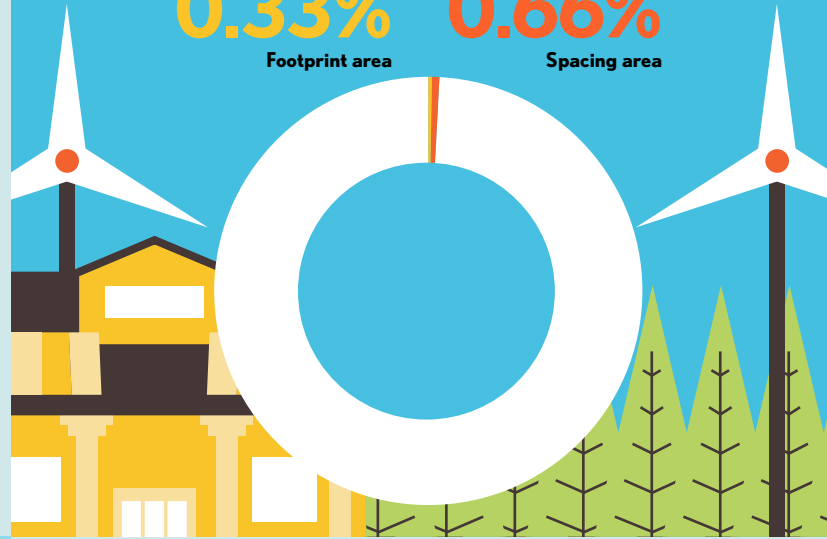
Air pollution deaths avoided every year: **26,207**



Plan pays for itself in as little as **2.2** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.33% Footprint area
0.66% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

10.9 c/kWh

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



Average WWS electricity costs

7.5 c/kWh

Money in Your Pocket

(P) = \$200

Annual energy, health, and climate cost savings per person in 2050: **\$1,457**



Annual energy cost savings per person in 2050: **\$80**

