

100% NEPAL

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



Residential rooftop solar
11.6%



Solar plant
56.4%



Concentrated solar plant
10%



Onshore wind
15%



Offshore wind
0%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
3.8%



Wave energy
0%



Geothermal energy
0%



Hydroelectric
3.2%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



25,115

Construction jobs:



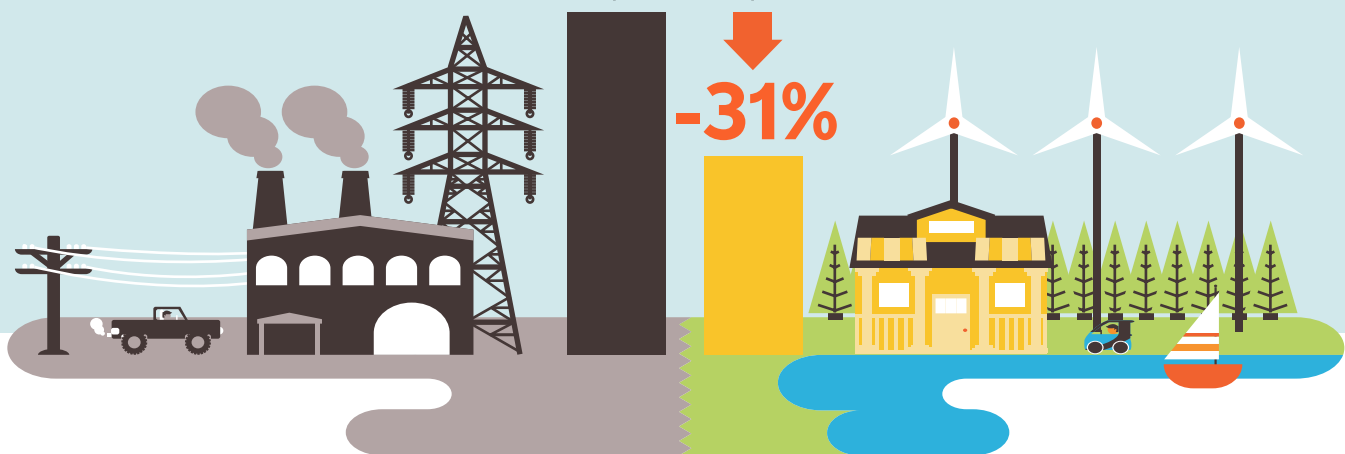
29,165

1 = 2,000

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

2050 Demand with BAU

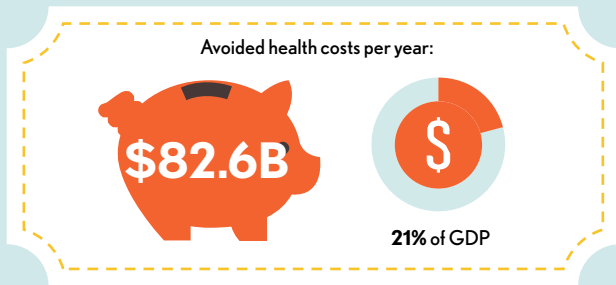
2050 Wind, Water, Solar



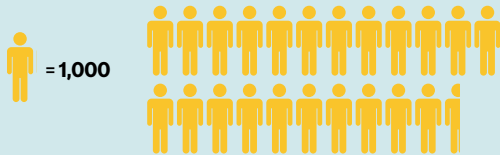
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Avoided Mortality and Illness Costs



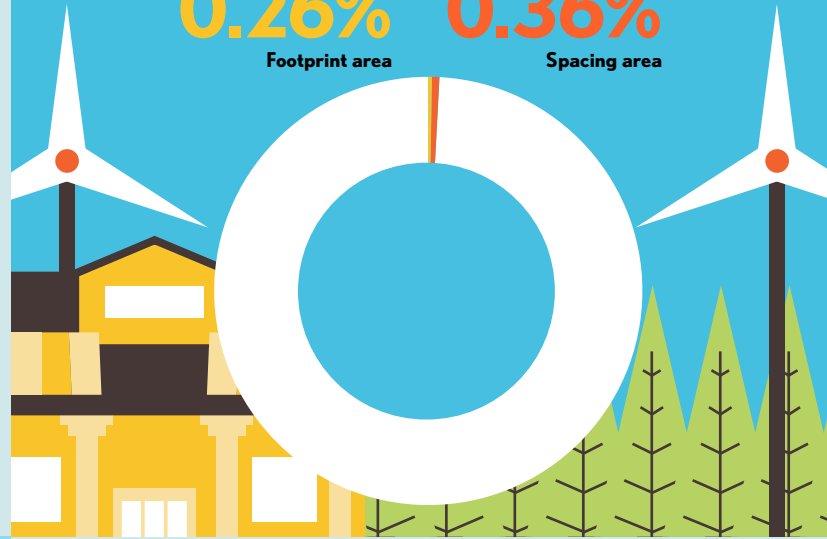
Air pollution deaths avoided every year: **20,502**



Plan pays for itself in as little as 1 year from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.26% Footprint area
0.36% Spacing area



Future Energy Costs 2050

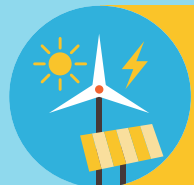
● BAU (Business as usual) ● WWS (Wind, water, solar)



Average fossil-fuel energy costs*

6.9 c/kWh

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



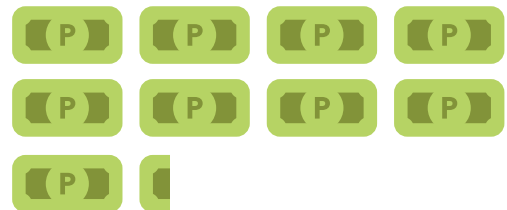
Average WWS electricity costs

6.4 c/kWh

Money in Your Pocket

☞ = \$200

Annual energy, health, and climate cost savings per person in 2050: **\$1,845**



Annual energy cost savings per person in 2050: **\$3**

