

100% CHINA

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



Residential rooftop solar
3.6%



Solar plant
49.2%



Concentrated solar plant
9%



Onshore wind
16%



Offshore wind
12.9%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
4.6%



Wave energy
0.2%



Geothermal energy
0.1%



Hydroelectric
4.3%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



6,485,269

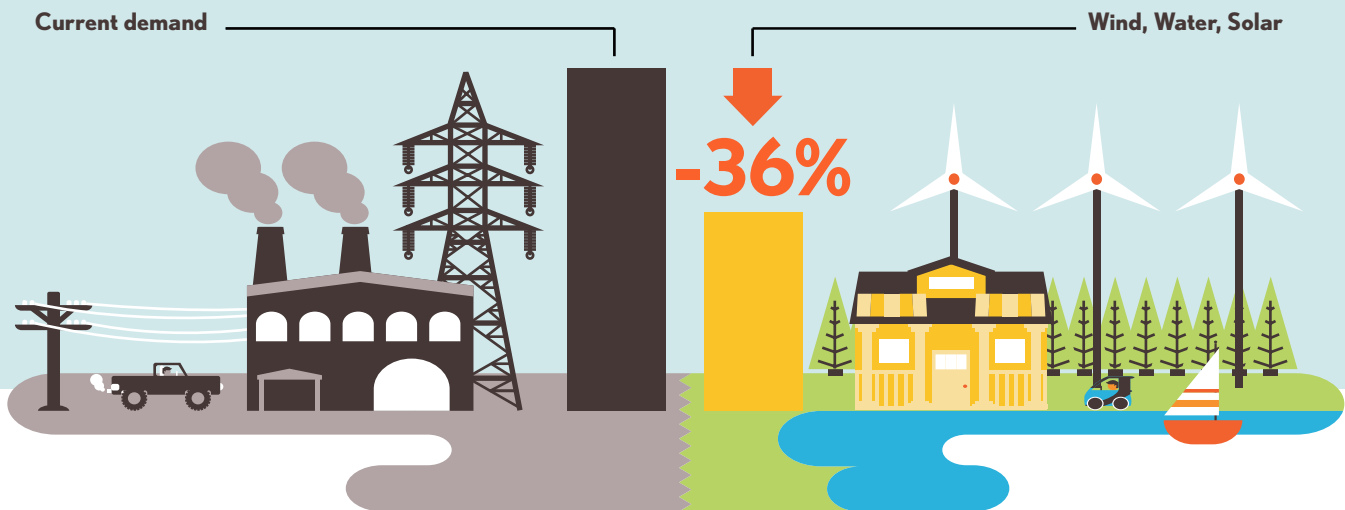
Construction jobs:



6,699,673

= 1,000,000

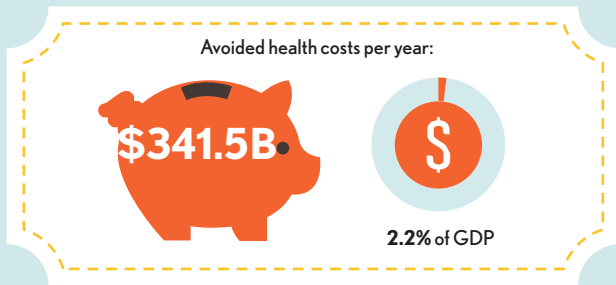
Using WWS electricity for everything, instead of burning fuel, and improving energy efficiency means you need much less energy.



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Avoided Mortality and Illness Costs



Air pollution deaths avoided every year: **1,177,429**

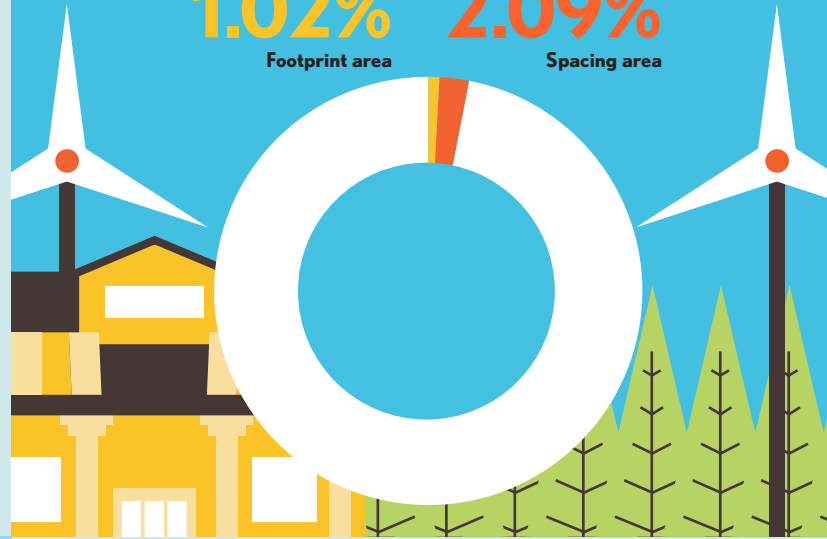
= 100,000



Plan pays for itself in as little as **2.1** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

1.02% Footprint area
2.09% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

9.6 c/kWh

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



Average WWS electricity costs

7.4 c/kWh

Money in Your Pocket

= \$500

Annual energy, health, and climate cost savings per person in 2050: **\$4426**



Annual energy cost savings per person in 2050: **\$342**

