

100% CHILE

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



Residential rooftop solar
5.3%



Solar plant
36.9%



Concentrated solar plant
5%



Onshore wind
25%



Offshore wind
10%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
6.9%



Wave energy
1%



Geothermal energy
3.1%



Hydroelectric
6.7%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



119,086

Construction jobs:



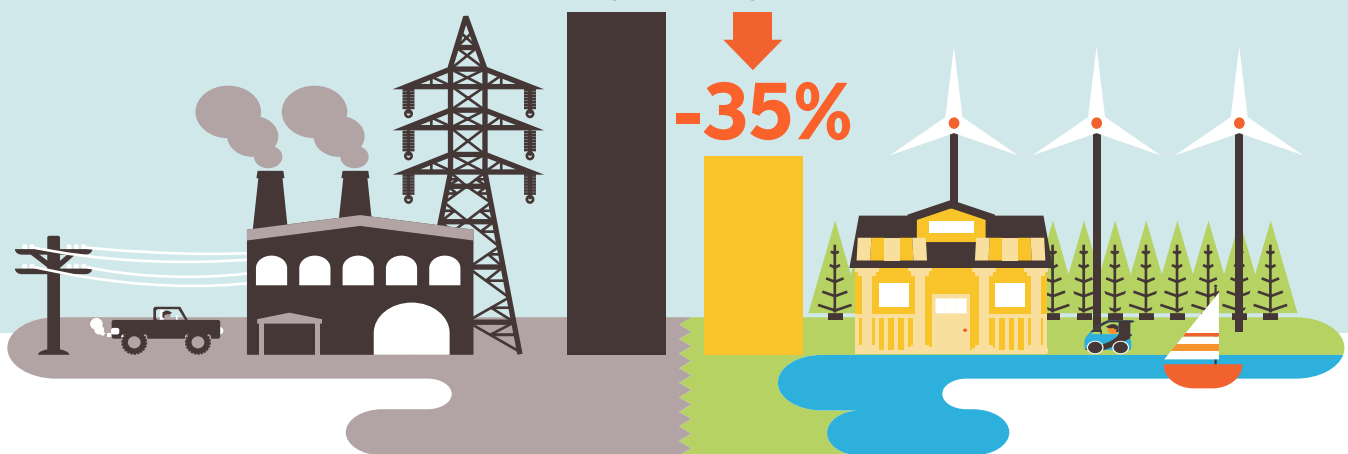
87,315

= 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

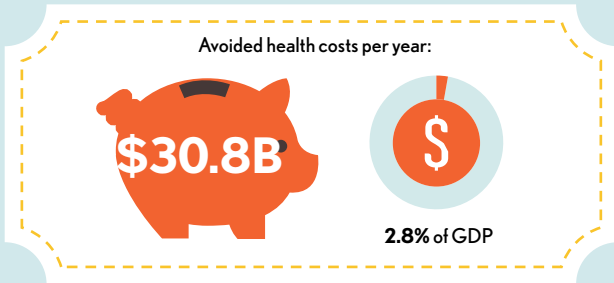
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



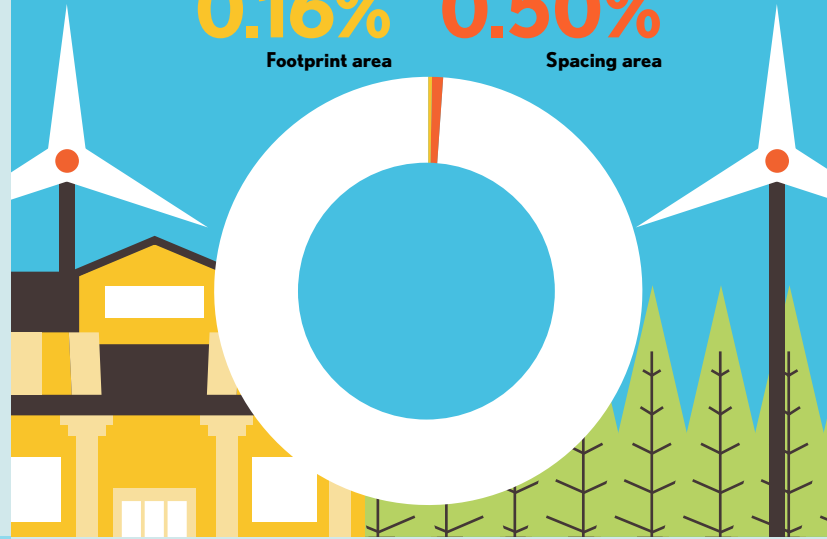
Air pollution deaths avoided every year: **4,178**



Plan pays for itself in as little as **2.0** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.16% Footprint area
0.50% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

10 c/kWh

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



Average WWS electricity costs

9.1 c/kWh

Money in Your Pocket

= \$500

Annual energy, health, and climate cost savings per person in 2050: **\$4,178**



Annual energy cost savings per person in 2050: **\$287**

