

100% ICELAND

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



Residential rooftop solar
0%



Solar plant
0.1%



Concentrated solar plant
0%



Onshore wind
38.8%



Offshore wind
6%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
0%



Wave energy
2%



Geothermal energy
23.6%



Hydroelectric
29.2%



Tidal turbine
0.4%



40-Year Jobs Created

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

Operation jobs: 

3,687

Construction jobs: 

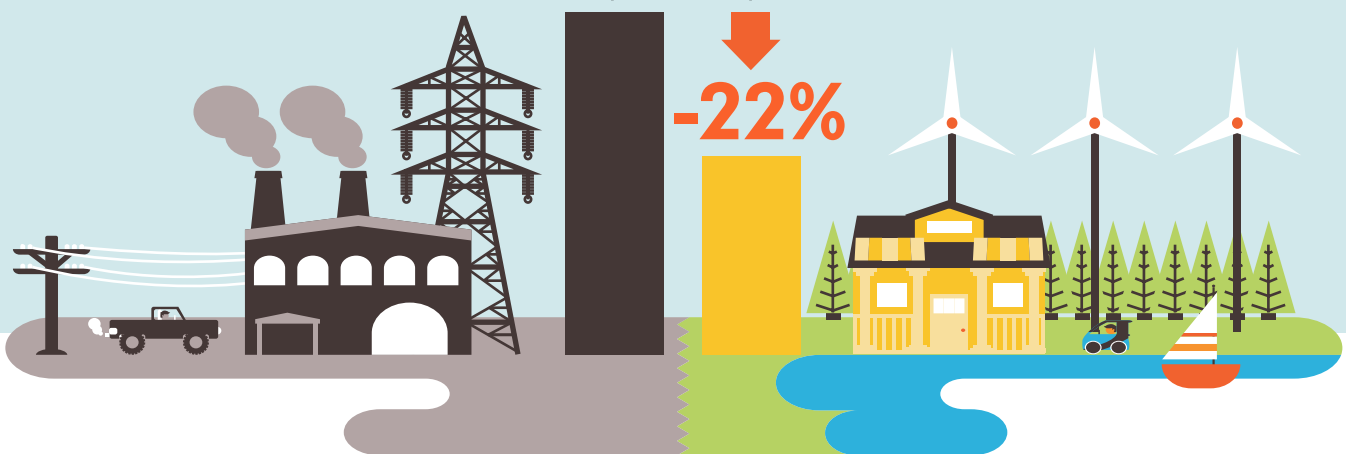
1,657

 = 500

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

2050 Demand with BAU

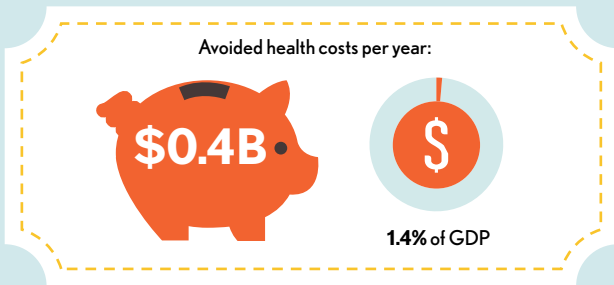
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



Air pollution deaths avoided every year: **31**

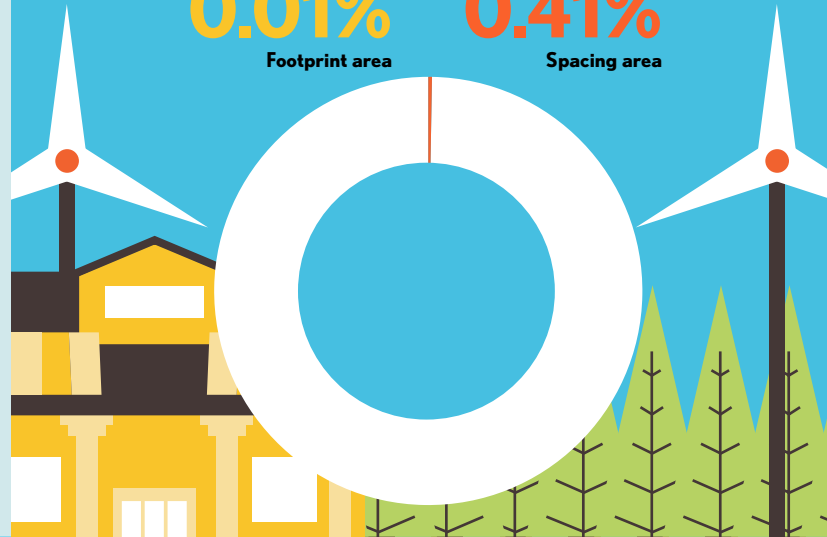


Plan pays for itself in as little as **2.1** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.01%
Footprint area

0.41%
Spacing area



Future Energy Costs 2050

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

Average fossil-fuel energy costs*

9.1 c/kWh

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

Average WWS electricity costs

9.8 c/kWh

Money in Your Pocket

(P) = \$500

Annual energy, health, and climate cost savings per person in 2050: **\$4,107**



Annual energy cost savings per person in 2050: **\$2935**

