

100% SWEDEN

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



Residential rooftop solar
0.7%



Solar plant
1.3%



Concentrated solar plant
0%



Onshore wind
55%



Offshore wind
19%

2050

PROJECTED
ENERGY MIX



Commercial/govt rooftop solar
1%



Wave energy
1%



Geothermal energy
0%



Hydroelectric
21.9%



Tidal turbine
0.1%



40-Year Jobs Created

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

Operation jobs:

Construction jobs:

= 10,000

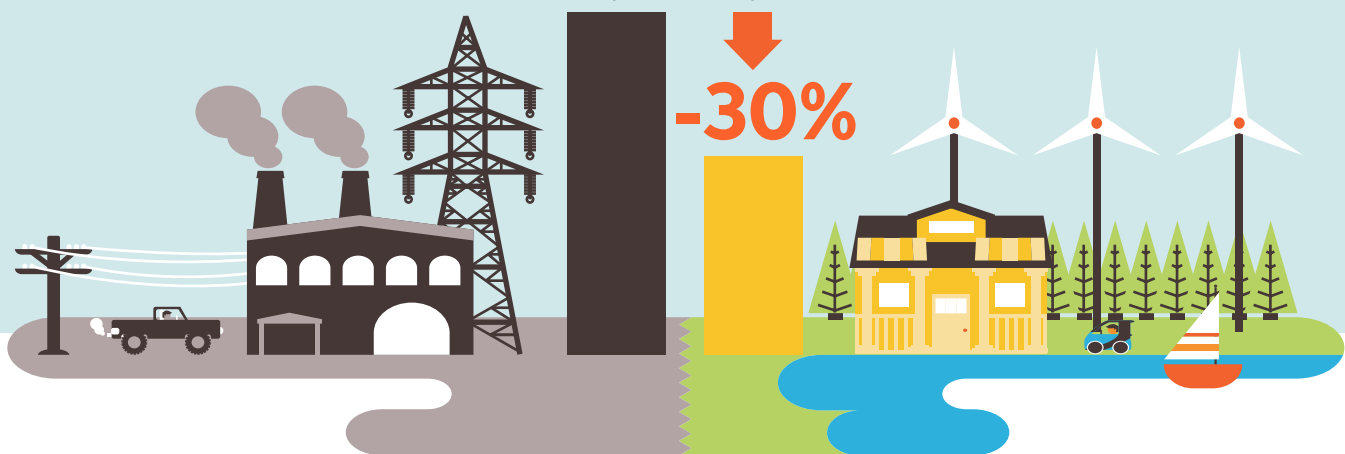
48,281

24,721

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

2050 Demand with BAU

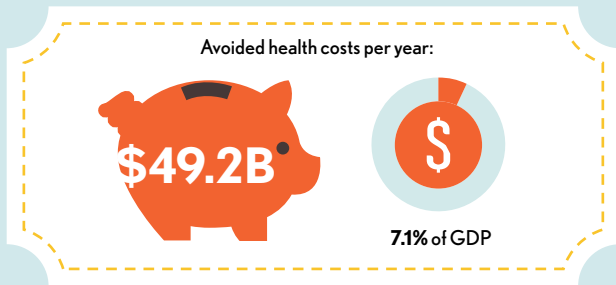
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



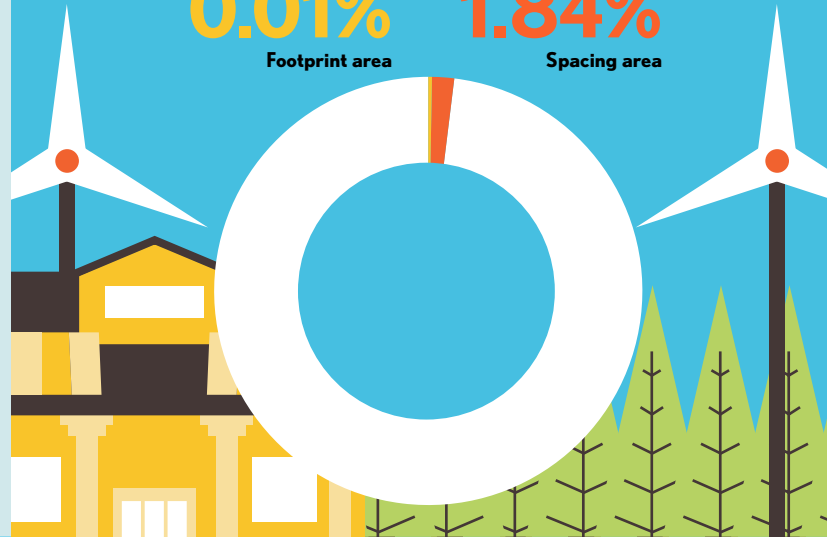
Air pollution deaths avoided every year: **4,107**



Plan pays for itself in as little as **1.4** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.01% Footprint area
1.84% Spacing area



Future Energy Costs 2050

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

Average fossil-fuel energy costs*

9 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

(P) = \$1,000

Annual energy, health, and climate cost savings per person in 2050: **\$8,178**



Annual energy cost savings per person in 2050: **\$277**

