

100% VENEZUELA

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



Residential rooftop solar
6.9%



Solar plant
27.7%



Concentrated solar plant
10.3%



Onshore wind
15.8%



Offshore wind
20%

2050

PROJECTED
ENERGY MIX

Commercial/govt rooftop solar
6%



Wave energy
1%



Geothermal energy
0%



Hydroelectric
12.3%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



142,171

Construction jobs:



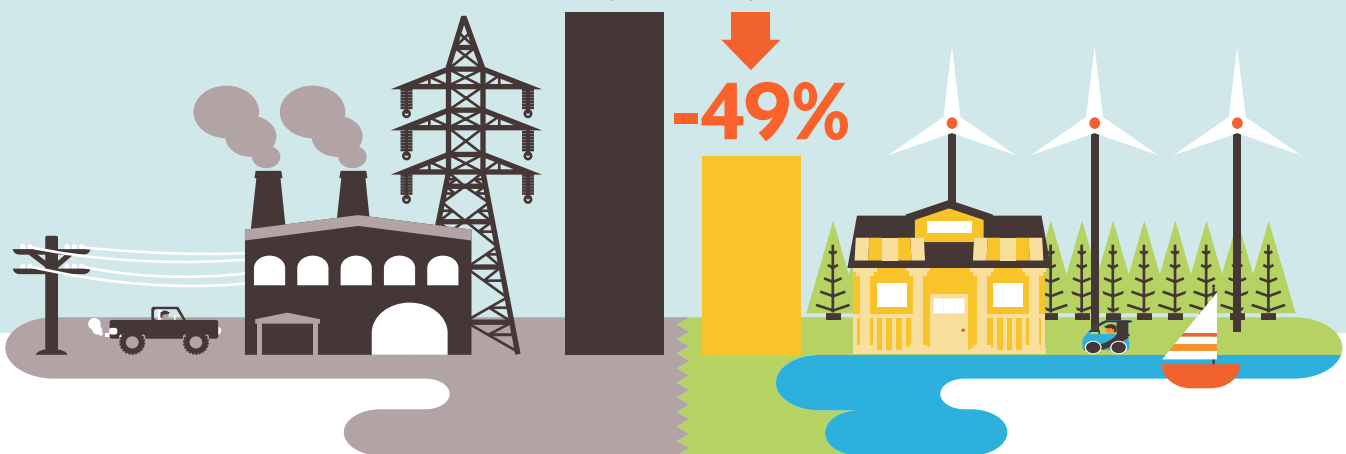
110,099

1 = 10,000 **1**

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

2050 Demand with BAU

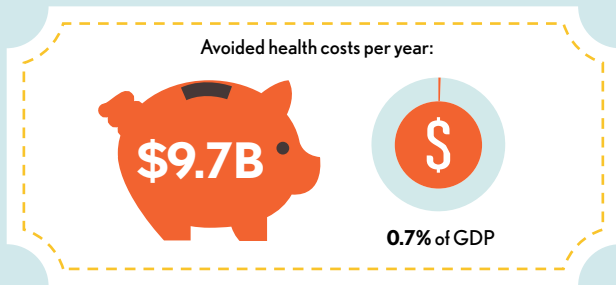
2050 Wind, Water, Solar



100% VENEZUELA

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

Avoided Mortality and Illness Costs



Air pollution deaths avoided every year: **1,211**

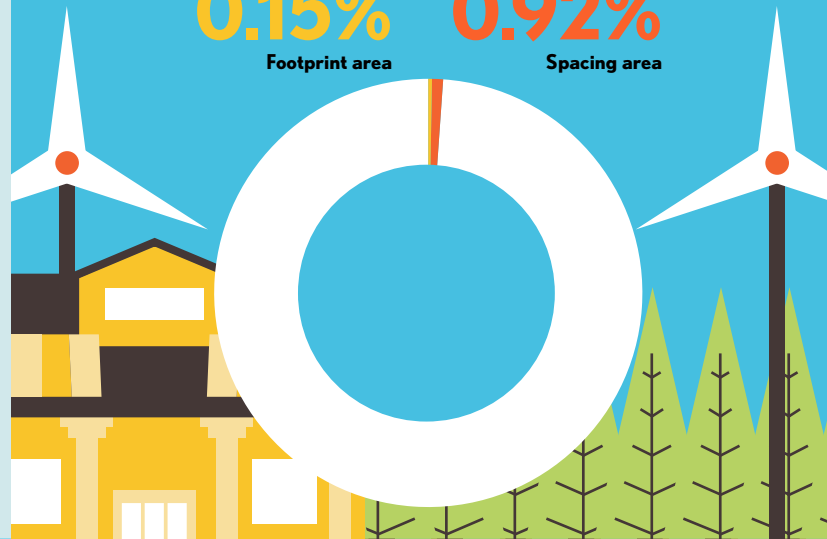


Plan pays for itself in as little as **2.1** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.15% Footprint area

0.92% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

8.5 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

(P) = \$500

Annual energy, health, and climate cost savings per person in 2050: **\$3,083**



Annual energy cost savings per person in 2050: **\$102**

