

# 100% EL SALVADOR

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



Residential rooftop solar  
**17.8%**



Solar plant  
**11.3%**



Concentrated solar plant  
**5%**



Onshore wind  
**10%**



Offshore wind  
**2%**

## 2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar  
**10.1%**



Wave energy  
**3%**



Geothermal energy  
**32.1%**



Hydroelectric  
**8.3%**



Tidal turbine  
**0.4%**



### 40-Year Jobs Created

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

Operation jobs:



**3,514**

Construction jobs:



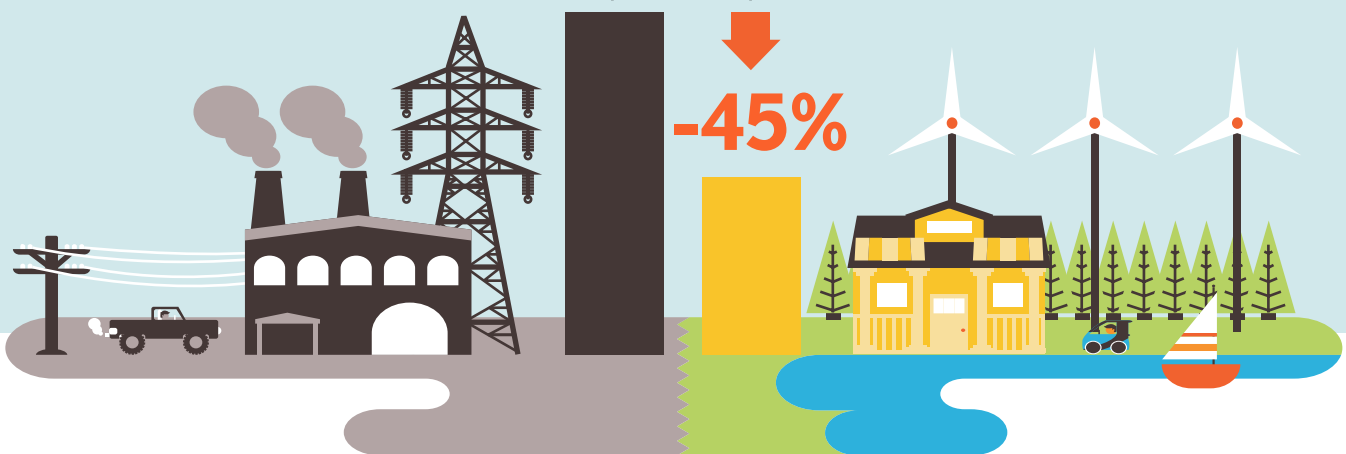
**6,216**

= 1,000

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

2050 Demand with BAU

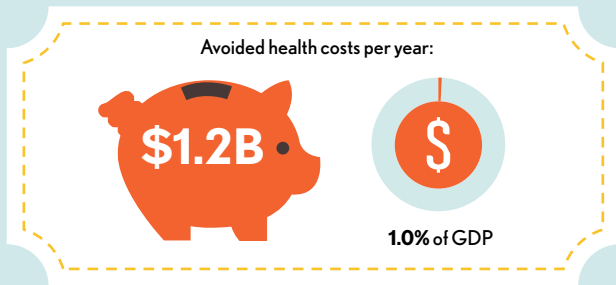
2050 Wind, Water, Solar



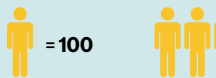
# 100% EL SALVADOR

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

## Avoided Mortality and Illness Costs



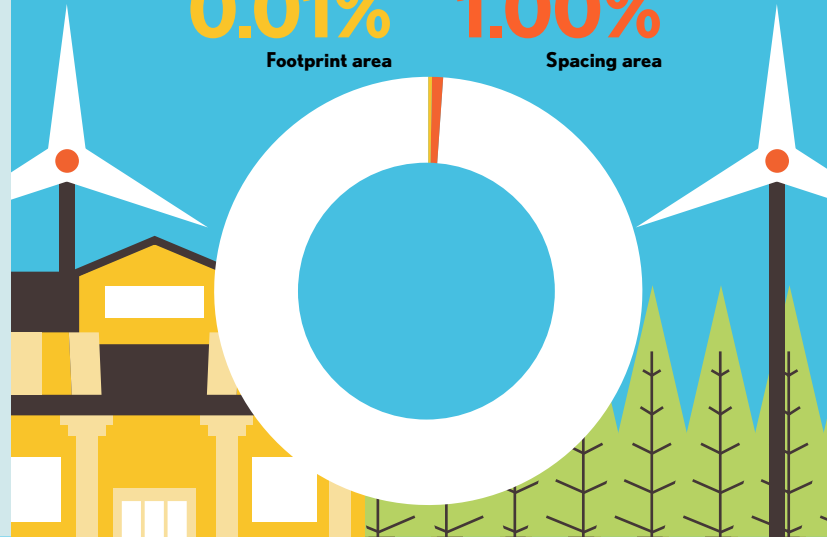
Air pollution deaths avoided every year: **204**



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  
**1.00%** Spacing area



## Future Energy Costs 2050

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



Average fossil-fuel energy costs\*

**11.2 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

☞ = \$100

Annual energy, health, and climate cost savings per person in 2050: **\$746**



Annual energy cost savings per person in 2050: **\$42**

