

100% TRINIDAD AND TOBAGO

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



Residential rooftop solar
3.7%



Solar plant
41.6%



Concentrated solar plant
1%



Onshore wind
1%



Offshore wind
48%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
3.5%



Wave energy
1%



Geothermal energy
0%



Hydroelectric
0%



Tidal turbine
0.2%



40-Year Jobs Created

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

Operation jobs:

24,200

Construction jobs:

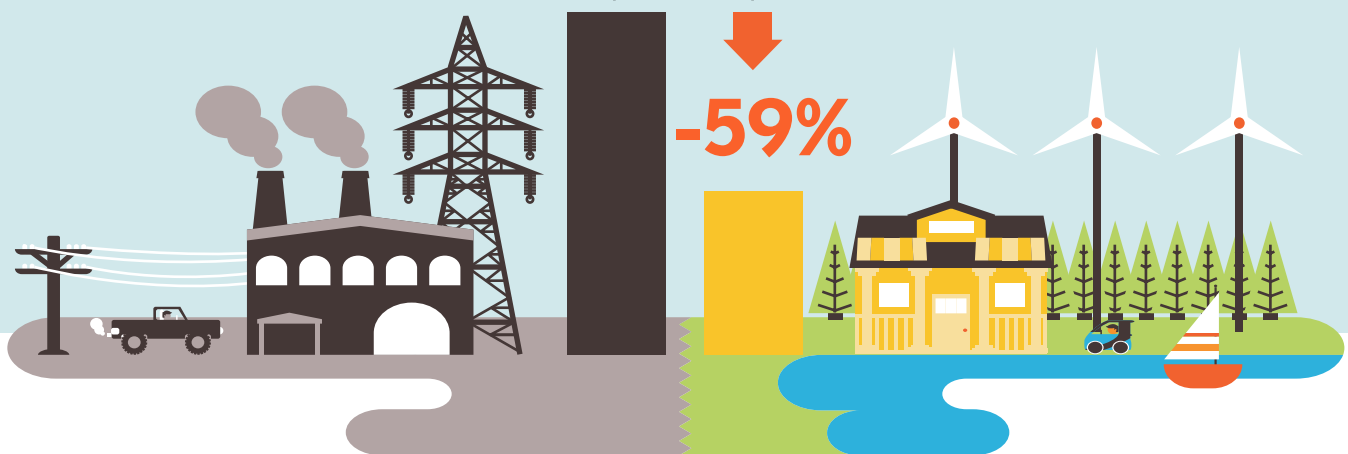
14,818

= 5,000

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

2050 Demand with BAU

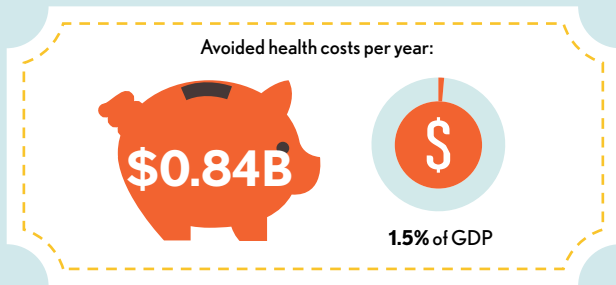
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs

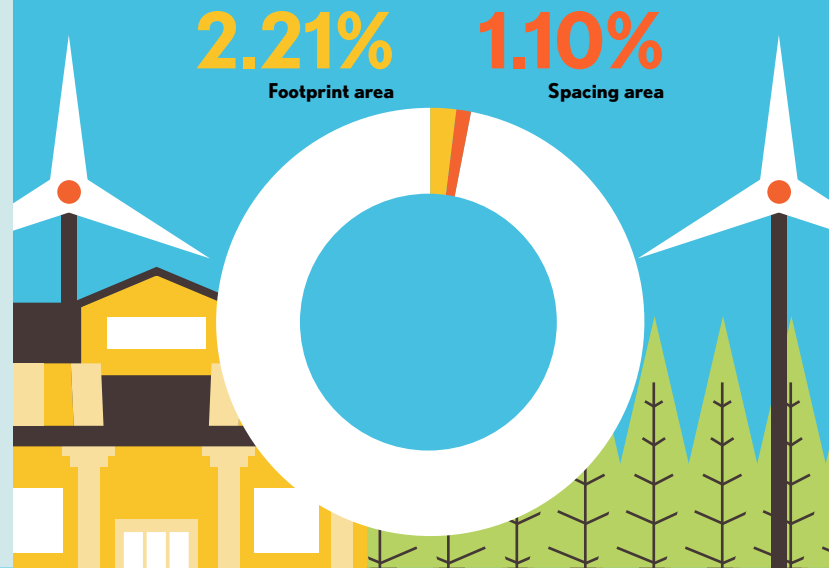


Air pollution deaths avoided every year: **83**



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



Future Energy Costs 2050

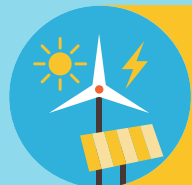
● BAU (Business as usual) ● WWS (Wind, water, solar)



Average fossil-fuel energy costs*

12.1 c/kWh

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



Average WWS electricity costs

8.3 c/kWh

Money in Your Pocket

(P) = \$10,000

Annual energy, health, and climate cost savings per person in 2050: **\$25,539**



Annual energy cost savings per person in 2050: **\$759**

