

100% TANZANIA

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



Residential rooftop solar
8.4%



Solar plant
49.8%



Concentrated solar plant
10%



Onshore wind
18.6%



Offshore wind
7%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
3.6%



Wave energy
1%



Geothermal energy
0%



Hydroelectric
1.1%




Tidal turbine
0.5%



40-Year Jobs Created


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

Operation jobs: 

49,935

Construction jobs: 

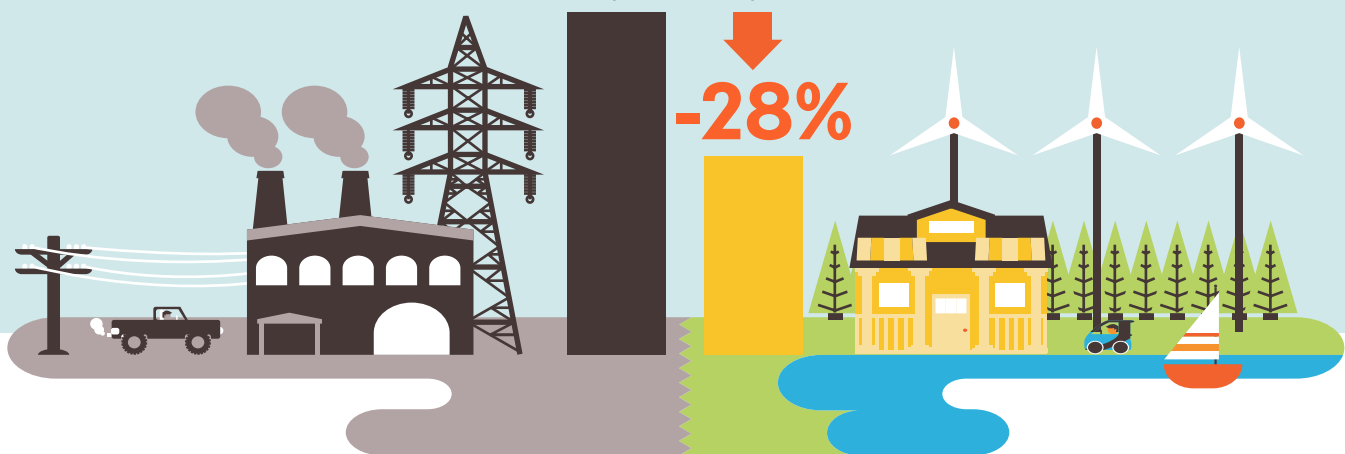
53,195

 = 10,000

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

2050 Demand with BAU

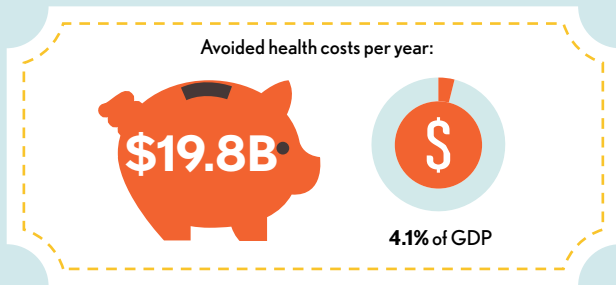
2050 Wind, Water, Solar



100% TANZANIA

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

Avoided Mortality and Illness Costs



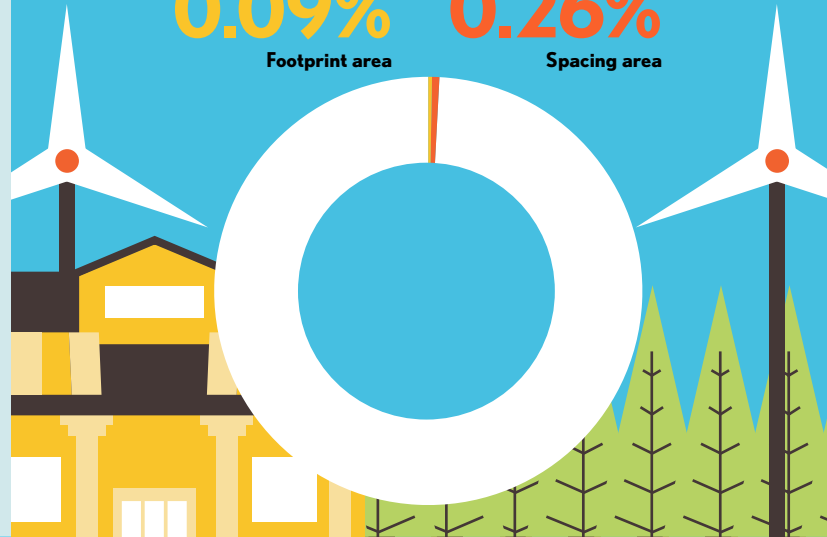
Air pollution deaths avoided every year: **5,313**



Plan pays for itself in as little as **3.6** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.09% Footprint area
0.26% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

9.5 c/kWh

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



Average WWS electricity costs

7.1 c/kWh

Money in Your Pocket

= \$50

Annual energy, health, and climate cost savings per person in 2050: **\$357**



Annual energy cost savings per person in 2050: **\$7**

