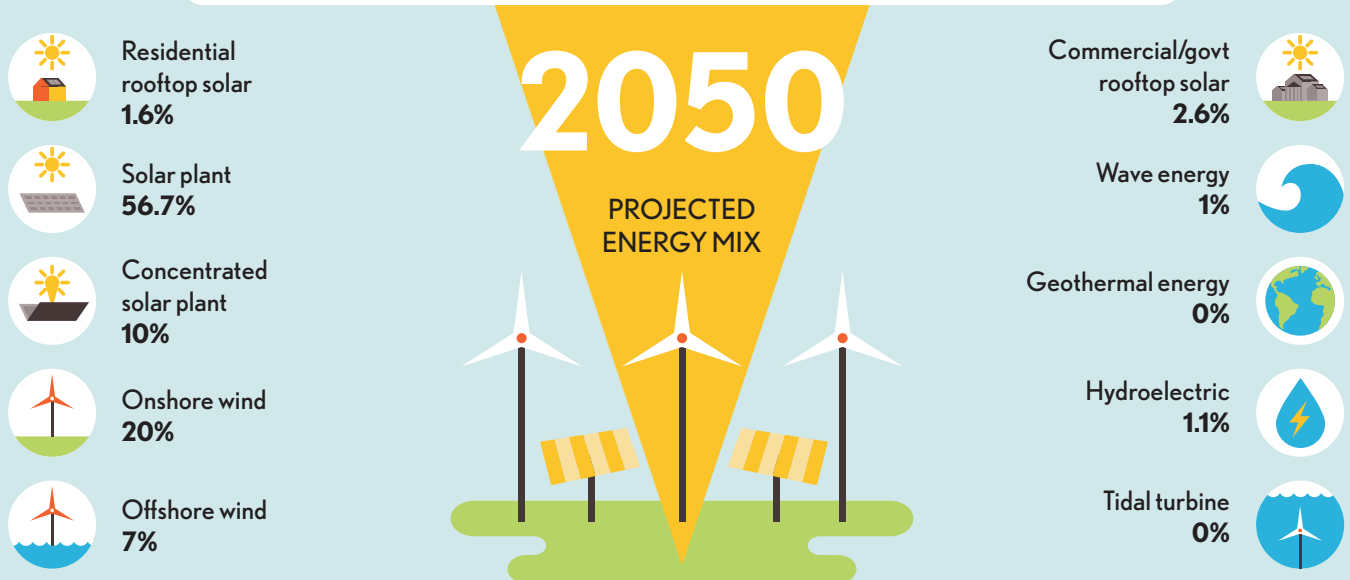


100% SOUTH AFRICA

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




40-Year Jobs Created


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

Operation jobs: 

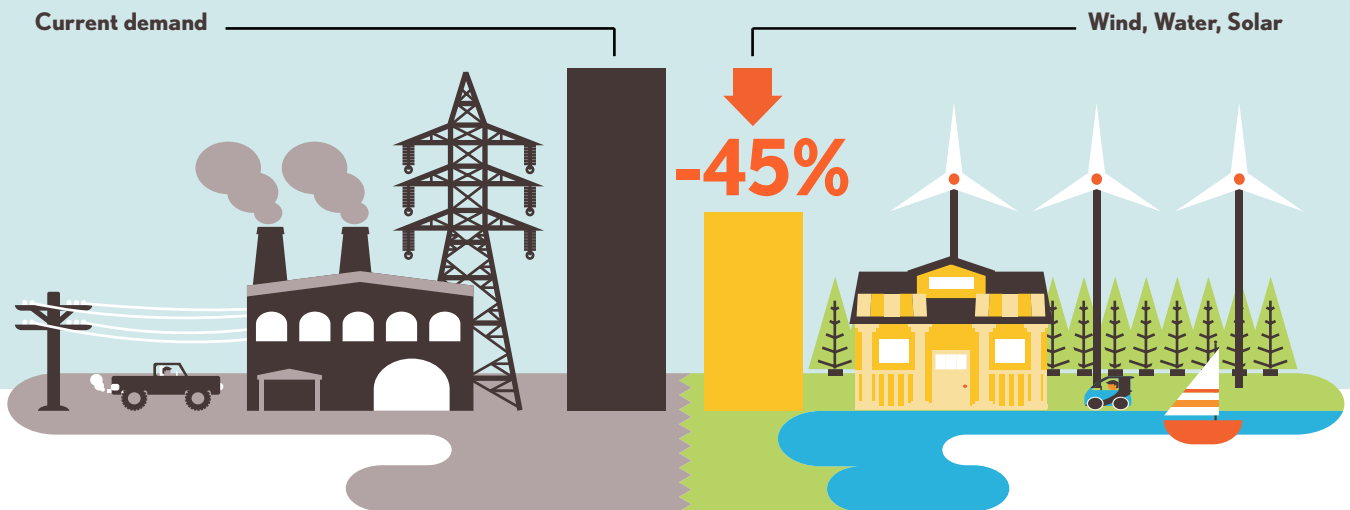
341,308

Construction jobs: 

261,253

 = 50,000

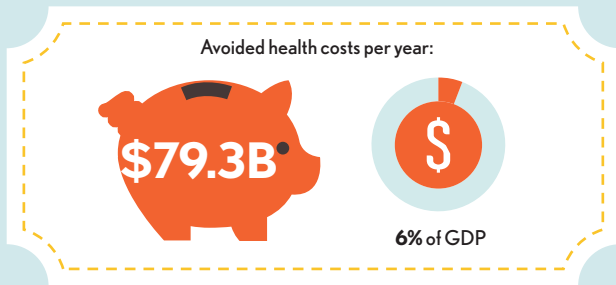
Using WWS electricity for everything, instead of burning fuel, and improving energy efficiency means you need much less energy.



100% SOUTH AFRICA

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

Avoided Mortality and Illness Costs



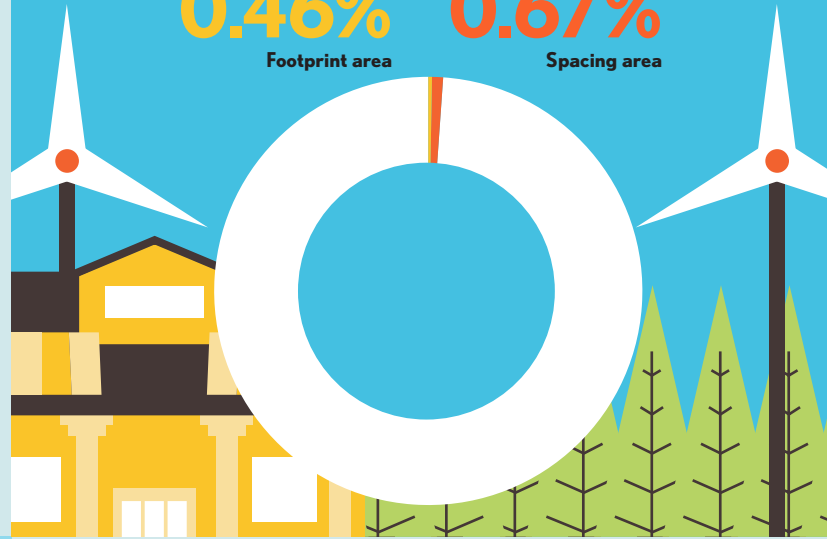
Air pollution deaths avoided every year: **11,129**



Plan pays for itself in as little as **1.6** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.46% Footprint area
0.67% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

9.9 c/kWh

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



Average WWS electricity costs

7.3 c/kWh

Money in Your Pocket

(P) = \$1,000

Annual energy, health, and climate cost savings per person in 2050: **\$6,682**



Annual energy cost savings per person in 2050: **\$549**

