100% SAUDI ARABIA

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

- Residential rooftop solar **3.2%**
- Solar plant **46%**
- Concentrated solar plant **35%**
- Onshore wind **11%**
- Offshore wind **0%**

- Commercial/govt rooftop solar **4.3%**
- Wave energy **0.5%**
- Geothermal energy **0%**
- Hydroelectric **0%**
- Tidal turbine **0%**

40-Year Jobs Created

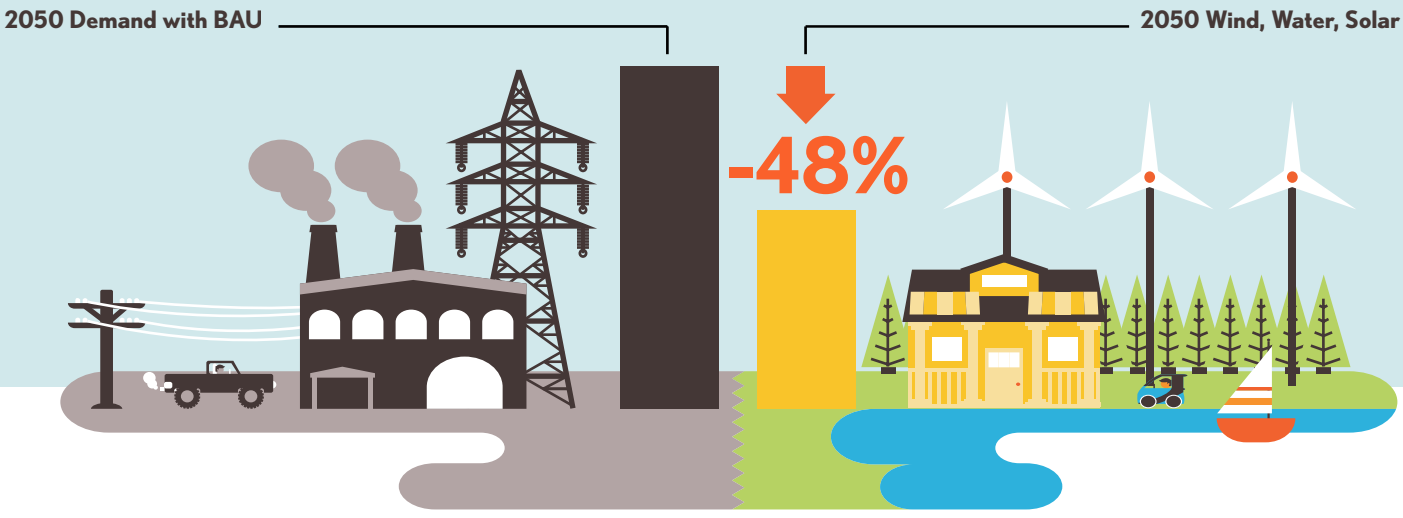
Number of jobs where a person is employed for 40 consecutive years

Operation jobs: **291,192**

Construction jobs: **203,791**

= 50,000

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



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Avoided Mortality and Illness Costs

Avoided health costs per year:

3.9% of GDP

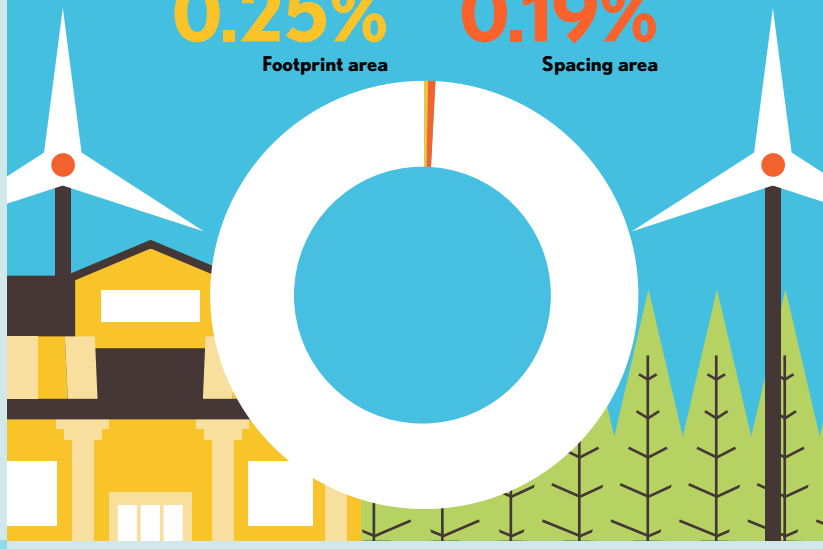
Air pollution deaths avoided every year: **7,598**

Plan pays for itself in as little as **1.5** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.25% Footprint area

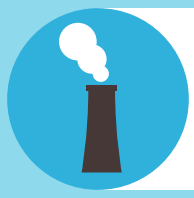
0.19% Spacing area



Future Energy Costs 2050

BAU (Business as usual)

WWS (Wind, water, solar)



Average fossil-fuel energy costs*

8.4 c/kWh

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

Average WWS electricity costs

6.2 c/kWh

Money in Your Pocket

= $1,000

Annual energy, health, and climate cost savings per person in 2050: **$8,634**

Annual energy cost savings per person in 2050: **$429**

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