

100% SYRIAN ARAB REPUBLIC

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



Residential rooftop solar
11.8%



Solar plant
32.8%



Concentrated solar plant
7%



Onshore wind
35%



Offshore wind
1.5%

2050

PROJECTED ENERGY MIX

Commercial/govt rooftop solar
5.8%



Wave energy
0%



Geothermal energy
0%



Hydroelectric
6%



Tidal turbine
0.1%




40-Year Jobs Created


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

Operation jobs: 

26,971

Construction jobs: 

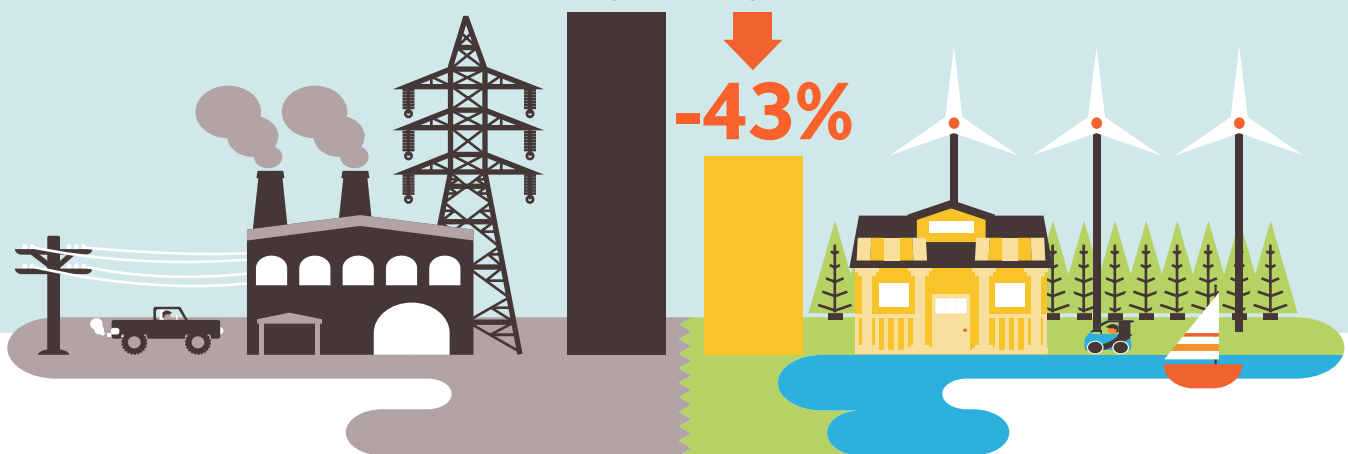
23,831

 = 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

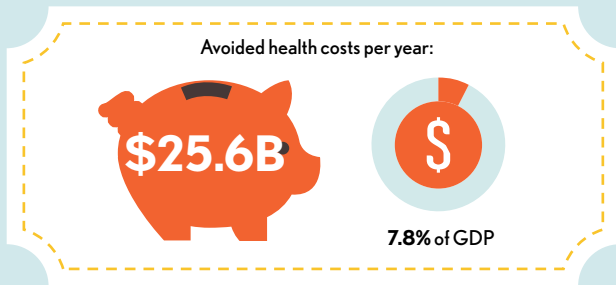
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



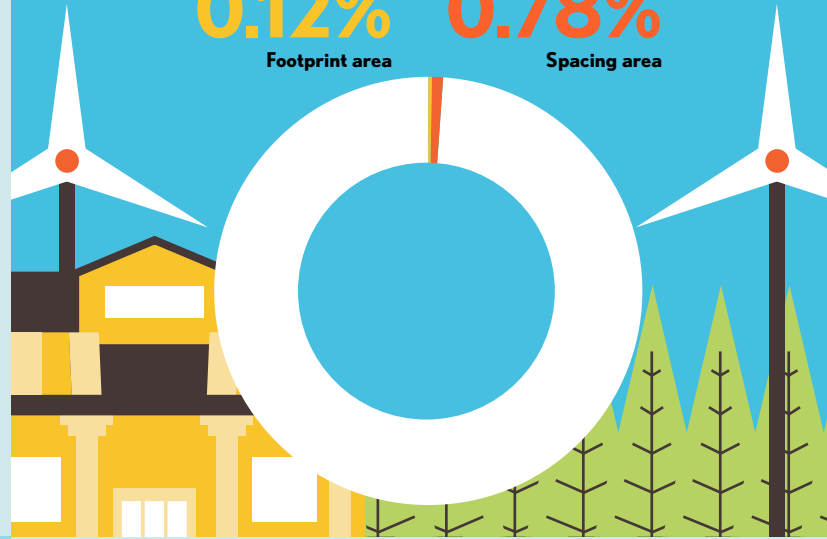
Air pollution deaths avoided every year: **5,932**



Plan pays for itself in as little as **0.9** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.12% Footprint area
0.78% Spacing area



Future Energy Costs 2050

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

Average fossil-fuel energy costs*
11.7 c/kWh

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

Average WWS electricity costs
8.2 c/kWh

Money in Your Pocket

(P) = \$200

Annual energy, health, and climate cost savings per person in 2050: **\$1,792**



Annual energy cost savings per person in 2050: **\$76**

