

100% KYRGYZSTAN

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



Residential rooftop solar
8.3%



Solar plant
43.5%



Concentrated solar plant
0%



Onshore wind
15%



Offshore wind
0%

2050

PROJECTED
ENERGY MIX

Commercial/govt rooftop solar
6%



Wave energy
0%



Geothermal energy
0%



Hydroelectric
27.2%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



11,840

Construction jobs:



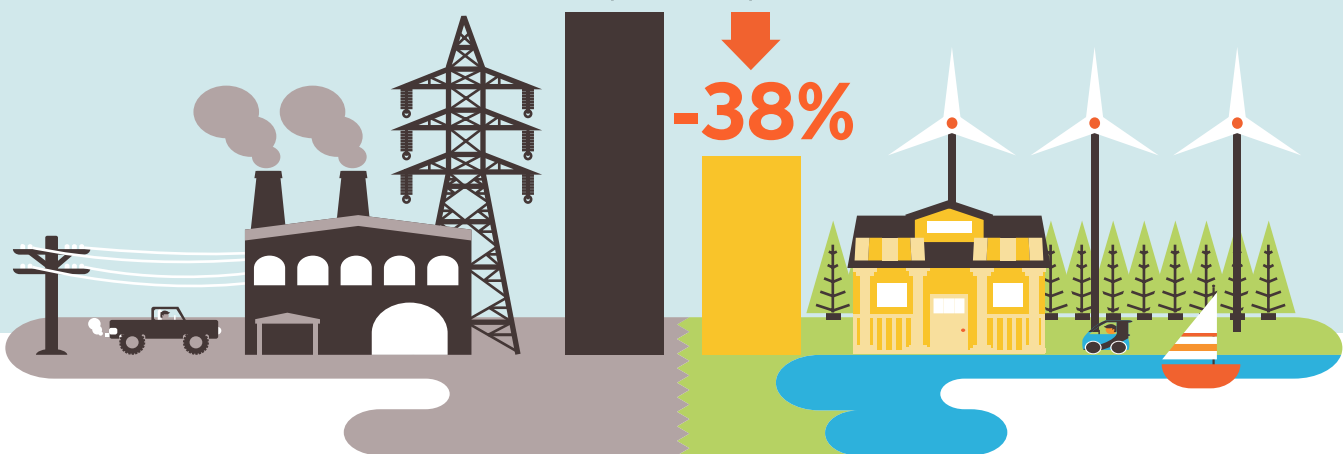
12,503

1 icon = 1,000

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

2050 Demand with BAU

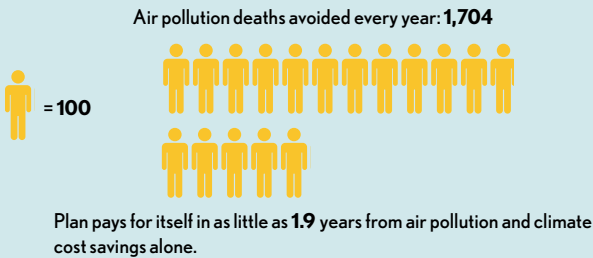
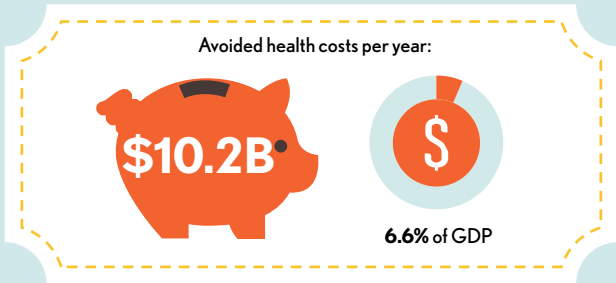
2050 Wind, Water, Solar



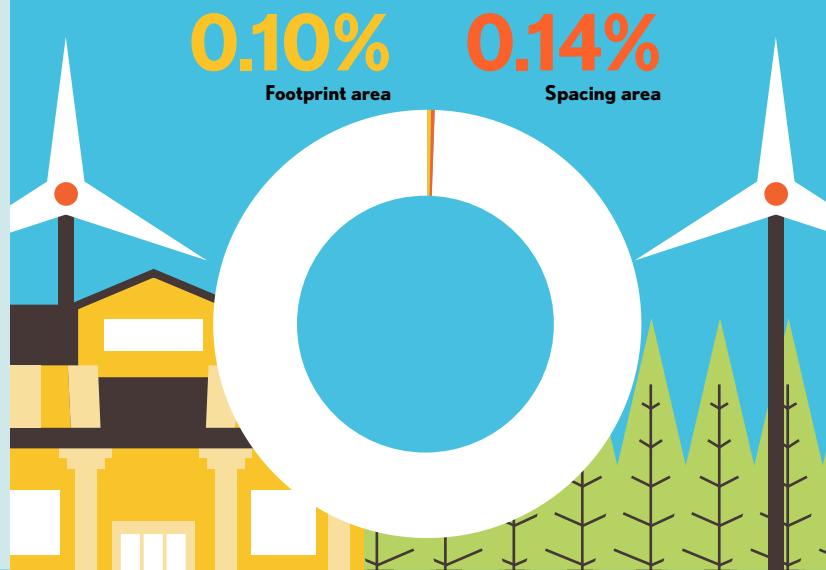
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Avoided Mortality and Illness Costs

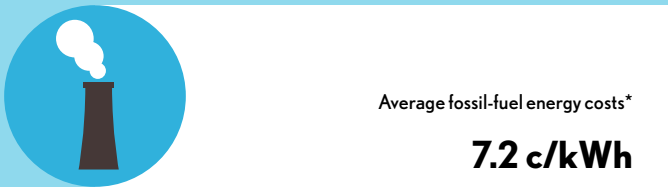


Percentage of Land Needed for All New WWS Generators



Future Energy Costs 2050

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



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



Money in Your Pocket

(P) = \$200

Annual energy, health, and climate cost savings per person in 2050: **\$1,679**



(P)

Annual energy cost savings per person in 2050: **\$47**

(P)