

# 100% OMAN

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



Residential rooftop solar  
**1.5%**



Solar plant  
**58.6%**



Concentrated solar plant  
**15%**



Onshore wind  
**18%**



Offshore wind  
**3.9%**

## 2050

PROJECTED  
ENERGY MIX

Commercial/govt rooftop solar  
**2%**



Wave energy  
**1%**



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:



**137,045**

Construction jobs:



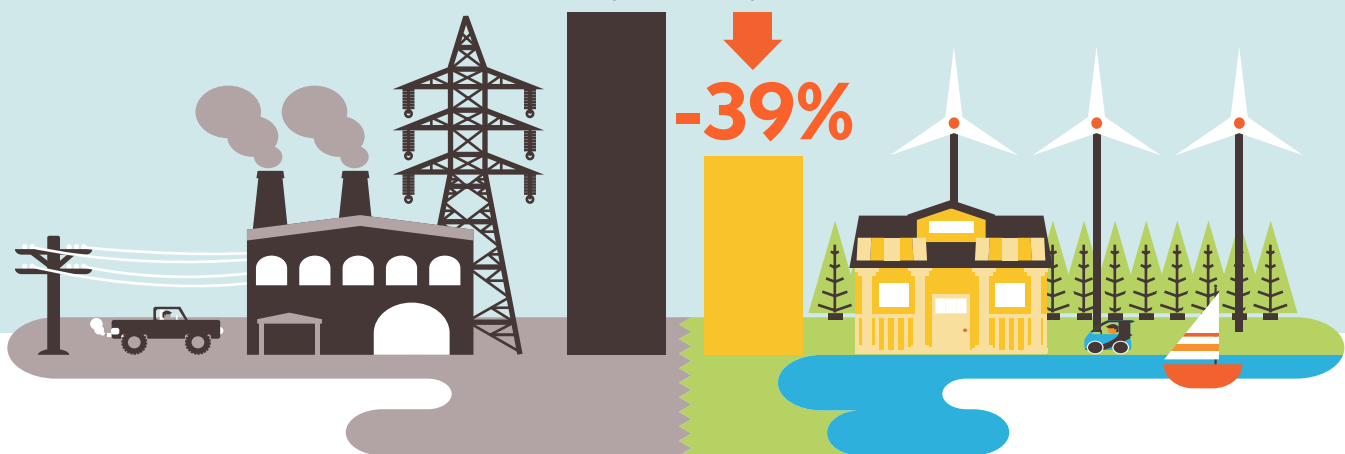
**68,007**

= 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

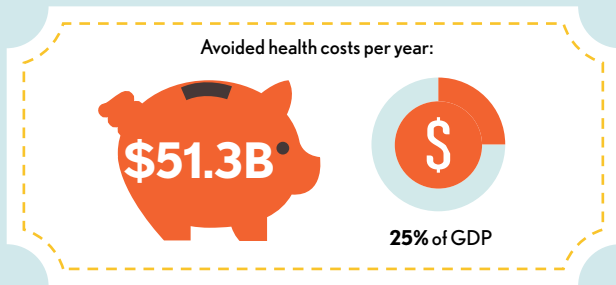
2050 Wind, Water, Solar



# 100% OMAN

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

## Avoided Mortality and Illness Costs

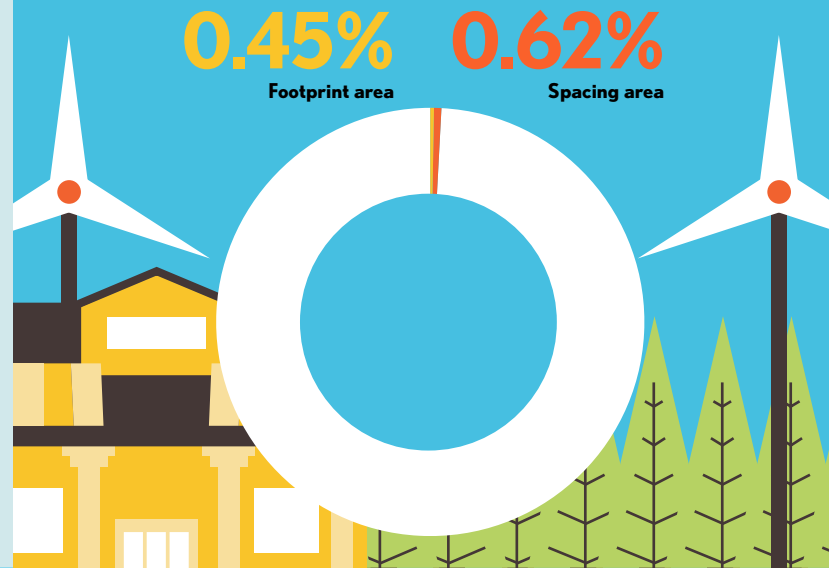


Air pollution deaths avoided every year: **6,011**



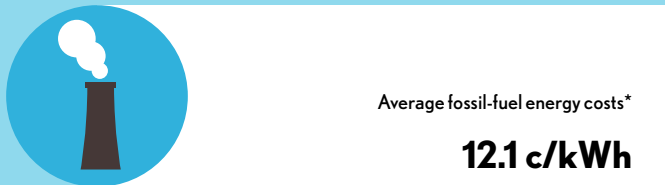
Plan pays for itself in as little as **1.4** years from air pollution and climate cost savings alone.

## 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)** = \$1,000

Annual energy, health, and climate cost savings per person in 2050: **\$15,453**



Annual energy cost savings per person in 2050: **\$482**

