

# 100% Japan

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

## 2050 PROJECTED ENERGY MIX



Residential rooftop solar  
11.8%



Solar plants  
31.5%



Concentrating solar plants  
0%



Onshore wind  
10.2%



Offshore wind  
31.5%

Commercial & government  
rooftop solar  
7.1%



Wave devices  
0.9%



Geothermal  
0.7%



Hydroelectric  
5.8%



Tidal turbines  
0.3%



## 40-Year Jobs Created

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



Construction jobs: **342,472**



Operation jobs: **420,491**

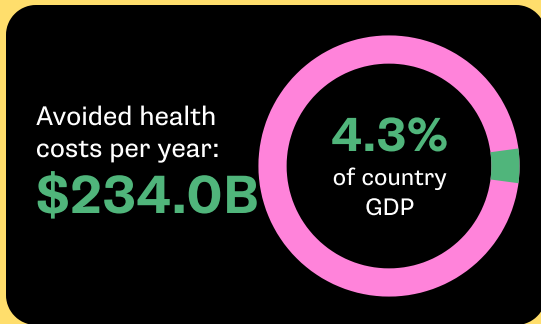
## Reducing Energy Demand

Improving energy efficiency and powering the grid with electricity from the wind water and sun positively reduces the overall energy demand



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## Health Cost Savings



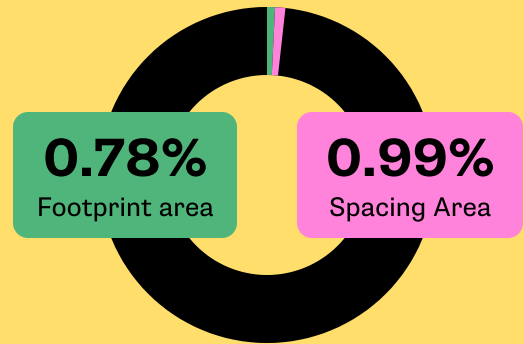
Lives lost to air pollution that we could save each year:

# 27,181 Lives

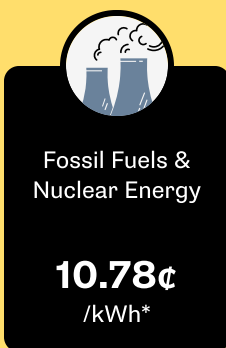
Plan pays for itself in as little as 1.2 years from air pollution and climate cost savings alone

## Land Usage

Percentage of Japan Land Needed for All New Wind, Water & Solar Generators



## Average Energy Costs in 2050



\*Health and climate externality costs of fossil fuels per kWh are in addition to the fossil fuel cost shown above.

## Money in your Pocket

