

# 100% BOSNIA & HERZEGOVINA

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



Residential rooftop solar  
**6.9%**



Solar plant  
**42.8%**



Concentrated solar plant  
**5%**



Onshore wind  
**10.5%**



Offshore wind  
**1.2%**

## 2050

PROJECTED  
ENERGY MIX



Commercial/govt rooftop solar  
**9.4%**



Wave energy  
**0.2%**



Geothermal energy  
**0%**



Hydroelectric  
**23.7%**



Tidal turbine  
**0.3%**




### 40-Year Jobs Created

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

Operation jobs:  **10,519**

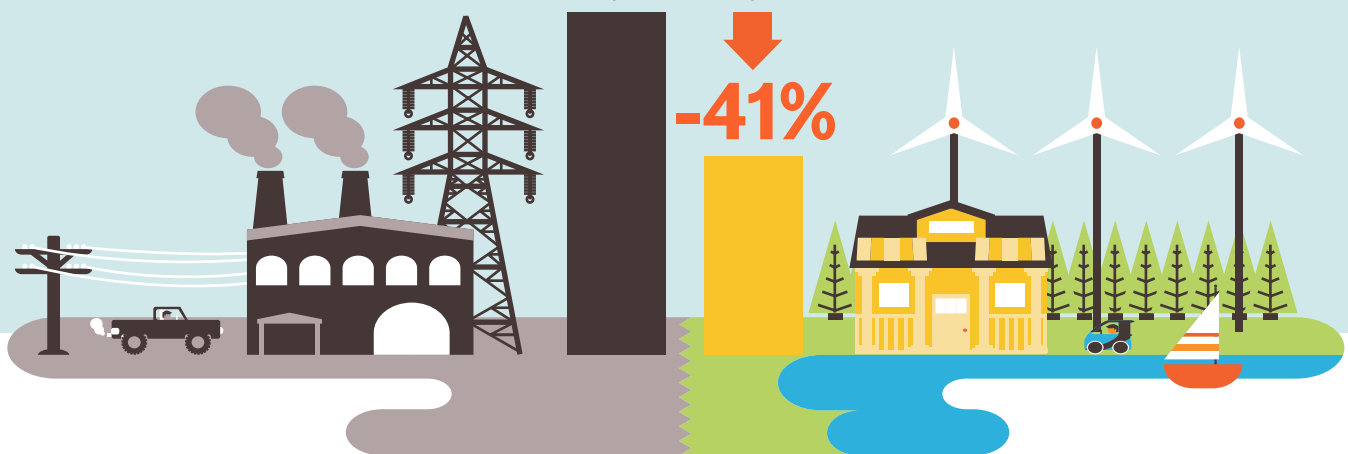
Construction jobs:  **10,730**

 = 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

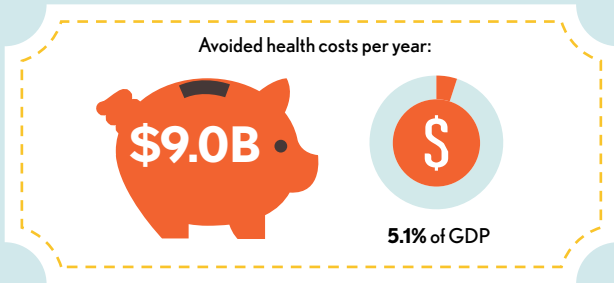
2050 Wind, Water, Solar



# 100% BOSNIA & HERZEGOVINA

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: **969**

= 50



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

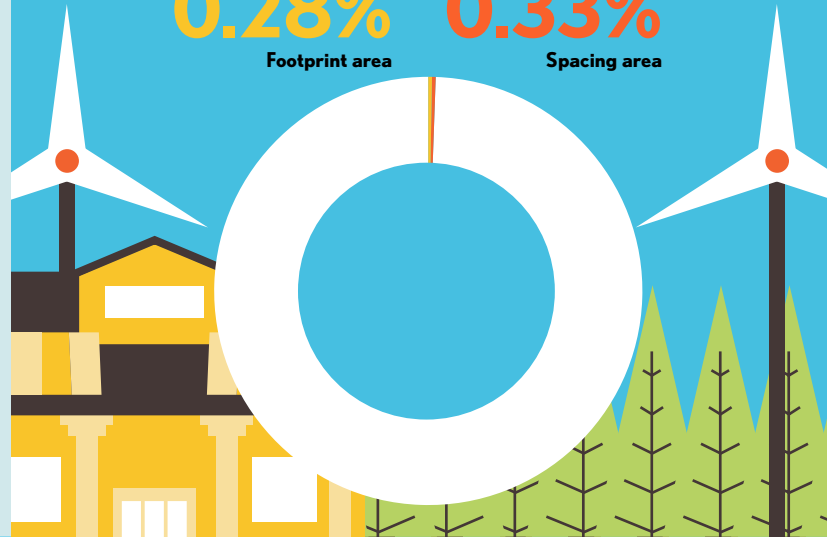
## Percentage of Land Needed for All New WWS Generators

**0.28%**

Footprint area

**0.33%**

Spacing area



## Future Energy Costs 2050

BAU (Business as usual)

WWS (Wind, water, solar)



Average fossil-fuel energy costs\*

**9.1 c/kWh**

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



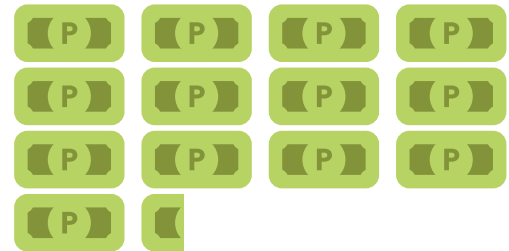
Average WWS electricity costs

**6.4 c/kWh**

## Money in Your Pocket

= \$500

Annual energy, health, and climate cost savings per person in 2050: **\$6,647**



Annual energy cost savings per person in 2050: **\$228**

