100% LITHUANIA

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

2050
PROJECTED ENERGY MIX

- Residential rooftop solar **1.8%**
- Solar plant **29.5%**
- Concentrated solar plant **0%**
- Onshore wind **15%**
- Offshore wind **50%**
- Commercial/govt rooftop solar **2.3%**
- Wave energy **0.5%**
- Geothermal energy **0%**
- Hydroelectric **0.7%**
- Tidal turbine **0.2%**

40-Year Jobs Created

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

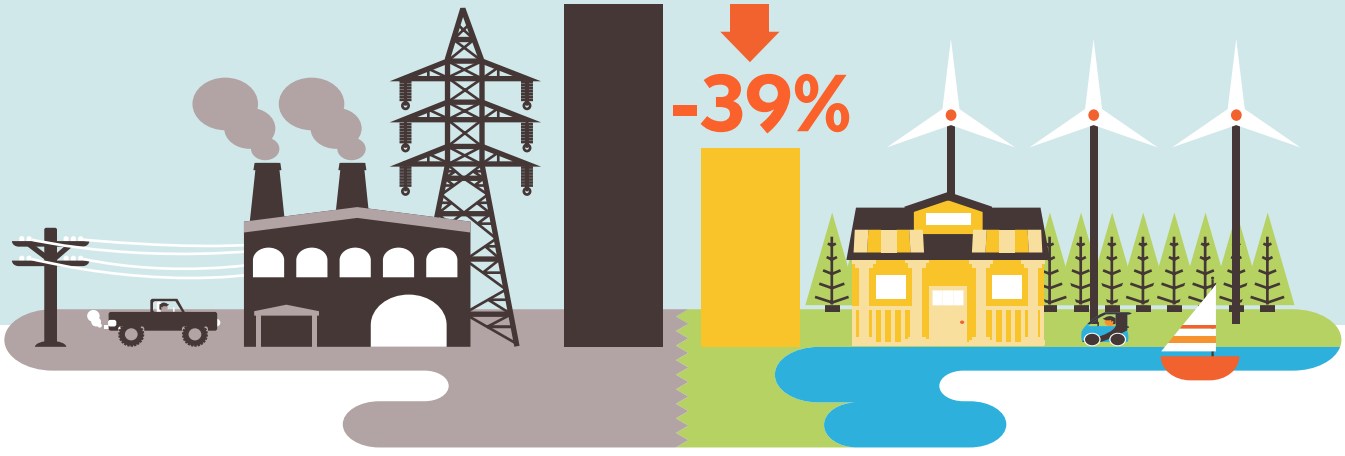
Operation jobs: **25,451**

Construction jobs: **17,317**

= 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**



THE SOLUTIONS PROJECT

Data from Stanford University

FOLLOW US ON 100isNow SolutionsProj

100% LITHUANIA

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

Avoided Mortality and Illness Costs

Avoided health costs per year:

$34.5B

12.2% of GDP

Air pollution deaths avoided every year: **2,479**

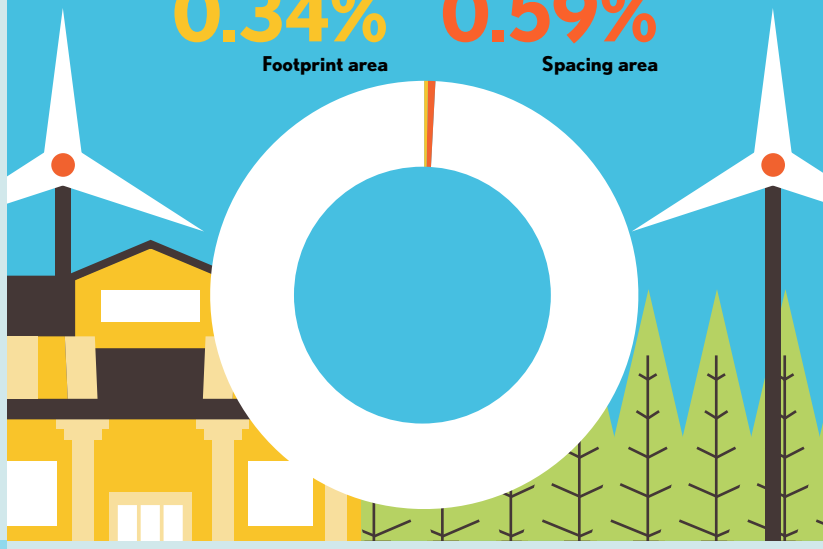
= 200

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

0.34% Footprint area

0.59% Spacing area



Future Energy Costs 2050

BAU (Business as usual)

WWS (Wind, water, solar)

Average fossil-fuel energy costs*

11.2 c/kWh

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

Average WWS electricity costs

8.9 c/kWh

Money in Your Pocket

= $1,500

Annual energy, health, and climate cost savings per person in 2050: **$15,071**

Annual energy cost savings per person in 2050: **$383**

THE SOLUTIONS PROJECT

Data from Stanford University

FOLLOW US ON 100isNow SolutionsProj