



Spain's Energy Landscape & Self-Sufficiency Plan

Group 2

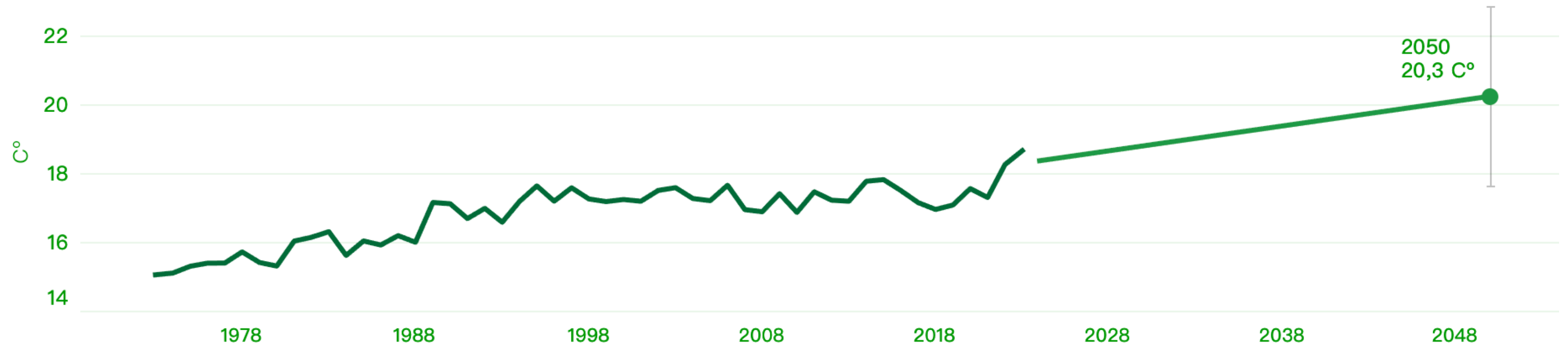
Climate Change Energy Dependency

Spain's Environmental Transformation

Spain is experiencing a major environmental change

In 1973, the average temperature was 15 °C. In 2023 was almost 19 °C

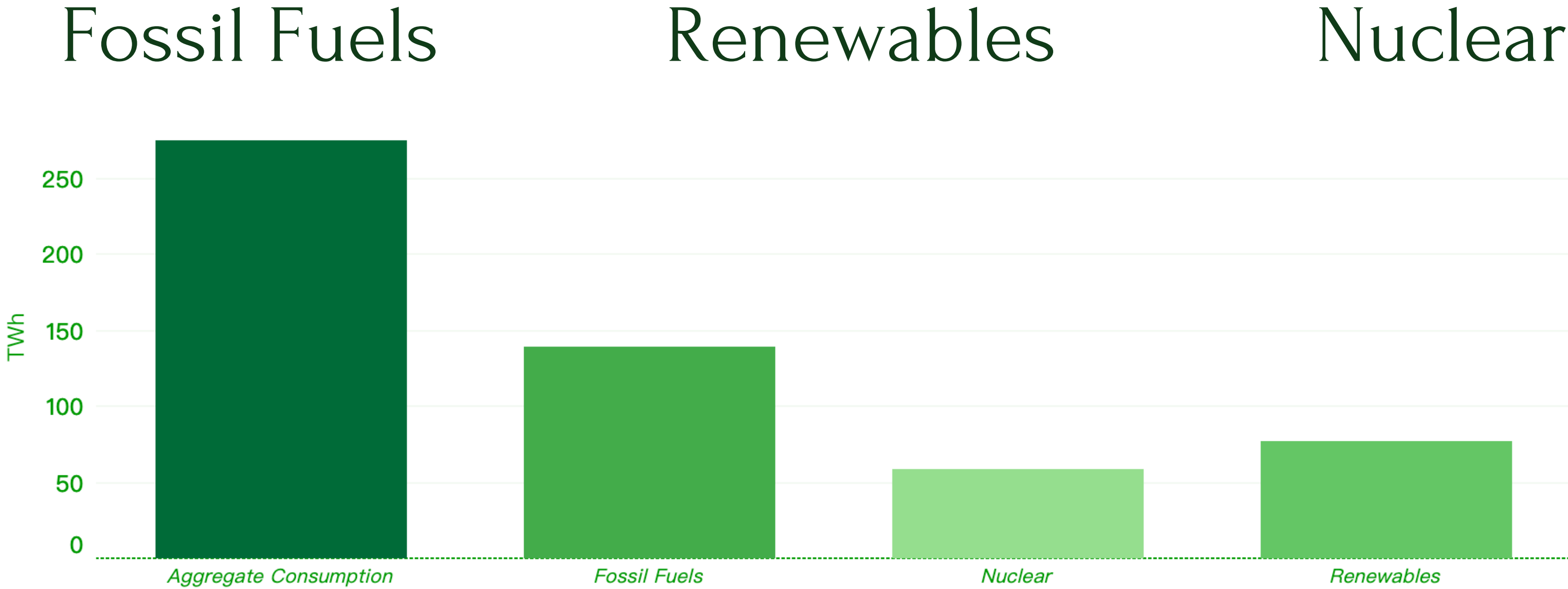
And the predictions fore 2050 estimate a yearly average temperature of 20.3 °C



~~Challenges~~

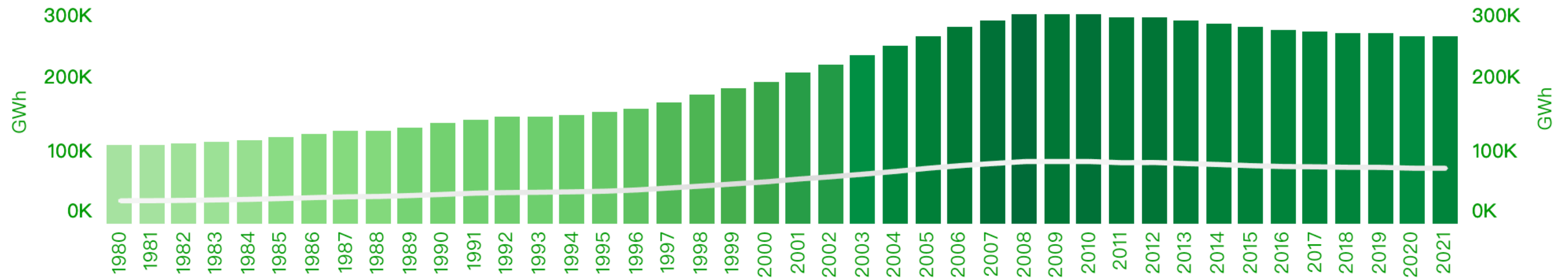
Opportunities

Spain's Energy Consumption



Spain's Energy Consumption & Generation

In 2021 Spain consumed approximately 280,000 GWh
Generating only 80,000 GWh



A Journey Towards Energy Independence

2006

81%

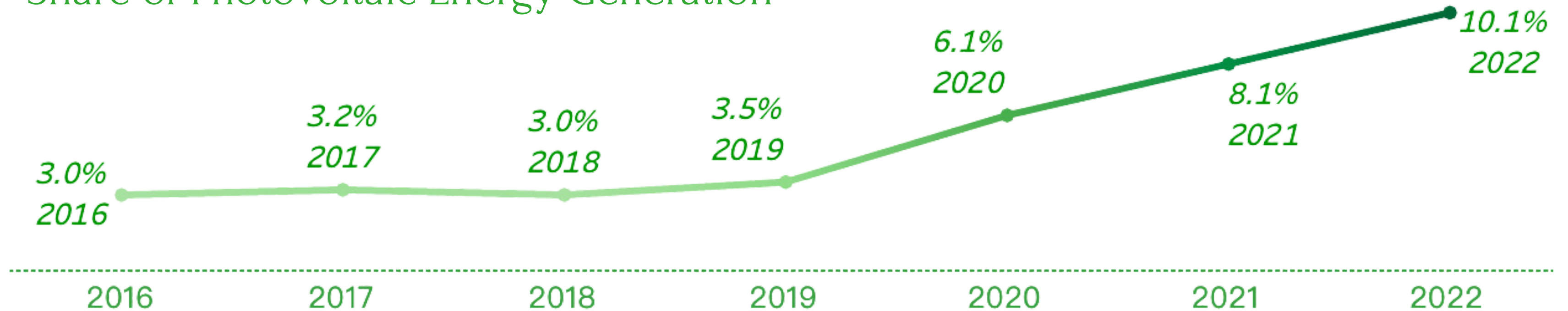
2021

70%

Spanish energy self sufficiency plan

Mitigating Climate Change, Embracing Green Energy, Ensuring Energy Independence

Share of Photovoltaic Energy Generation



Energy Self-Sufficiency Plan

Investment:

- 60 Billion a year

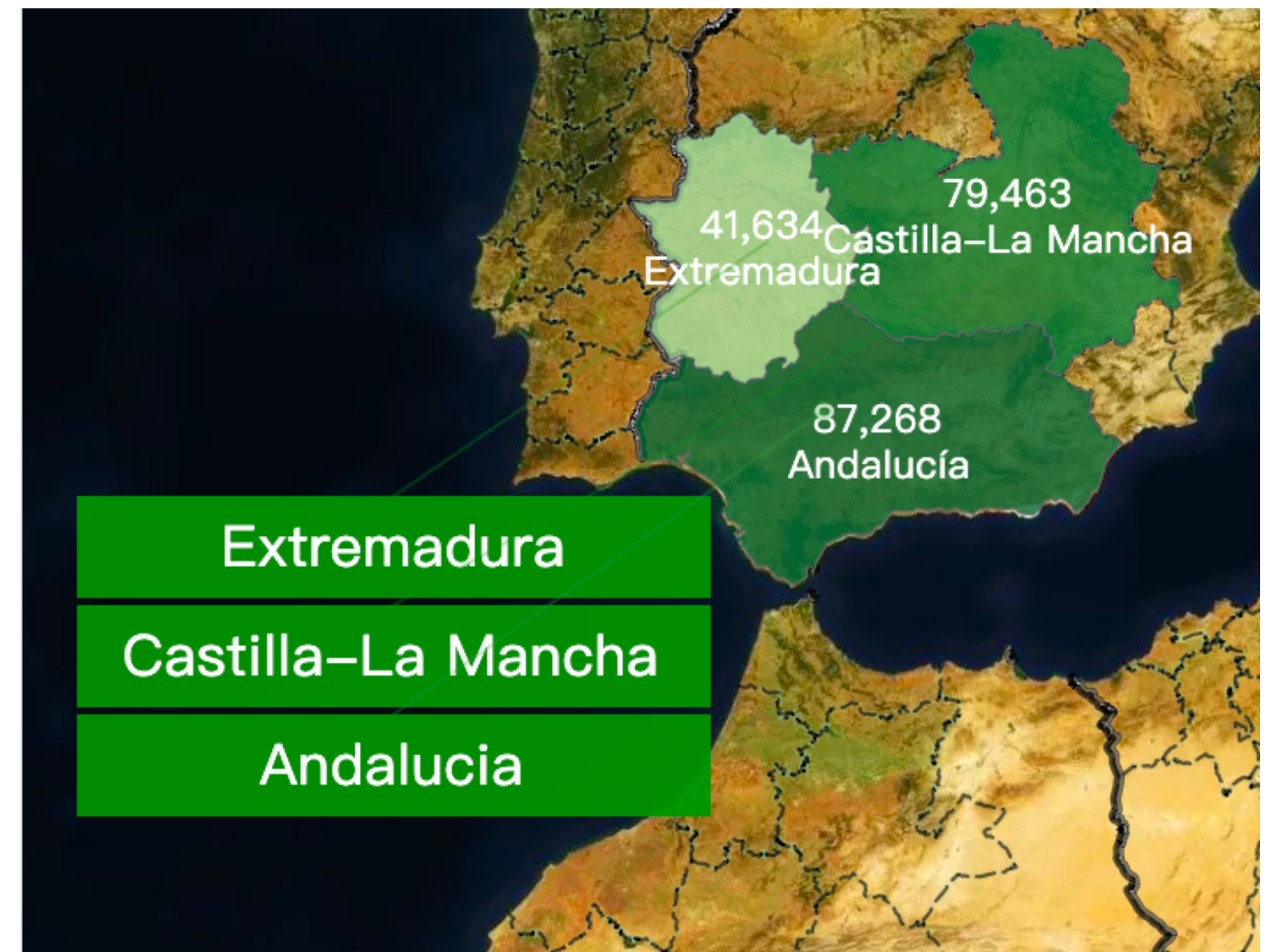
Required space:

Ideal Locations

- Abundant daily sunlight
- Consistent temperatures
- Up to 10-12 hours of sunlight a day

GWh installed:

- Average 1.700 Gwh a year



Lead the transformation of European energy consumption

We aim to generate more than 70% of the energy we consume by 2074