Energy Consumption in the Region

- **2015**: 74,666 GW/h/y
- **2030**: 149,769 GW/h/y
- Increase in 15 years

Current Energy Sources in the Region
- **Non-Renewable**: 98%
- **Renewable**: 2%

Project regional energy needs in 2030

- **Scenario 1.A**: 3,108 GWh/y only for desalination
- **Scenario 2**: 34,830 GWh/y for a 20% share of renewables

Land needed for Scenario 2

- 0.01% of Jordanian Land = 100 km²

Southern Jordan has among world's highest levels of irradiation potential at 2800 kWh/m²

Energy Sources Import Ratio

- **Jordan**: 96%
- **Israel**: 56%

Renewable energy commitment to the Paris Agreement

- **Jordan**: 14%
- **Israel**: 17%

All aim to increase domestic energy production and diversify sources of energy

Total Energy Consumed in the Region

- **2015**: 75,103 GWh/y

Current findings show photovoltaic solar energy with one axis tracking system is most cost efficient

Only one short rainy season in Jordan → Predictable timing of irradiation with high level of confidence