

# IRELAND'S ENERGY SECTOR EMITS 39 MILLION TONNES OF CO<sub>2</sub> EVERY YEAR

Sources: Figures calculated using SEAI data, the draft NECP and the Baringa 70 by 30 report

## PROBLEMS

**TRANSPORT**  
15 million tonnes

**HEAT**  
12 million tonnes

**ELECTRICITY**  
12 million tonnes

**Private cars**  
6 million tonnes

**Rural Buildings**  
5.5 million tonnes

**Coal** 3.5 million tonnes  
**Peat** 2.5 million tonnes  
**Gas** 6 million tonnes

## SOLUTIONS

**TRANSPORT SOLUTION**  
500,000 Electric Vehicles

**RURAL BUILDINGS SOLUTION**  
600,000 Heat Pumps

**ELECTRICITY SOLUTION**  
9,000 MW wind energy  
3,000 MW solar energy  
1,500 MW batteries

**Transport Result:**  
25% of cars are EVs  
Cut of 1.5 million tonnes

**Heat Result**  
Heat pumps provide 25% of heat  
Cut of 1.5 million tonnes

**Electricity Result**  
70% of electricity is renewable.  
Cut of 8 million tonnes

## CO<sub>2</sub> CUT

## ROADMAP TO 2030

**2030: TOTAL SAVINGS OF ~11 MILLION TONNES OF CO<sub>2</sub>**