

PUBLIC POLICIES FOR ENERGY

Topics for Evaluation

Renewables

1. Promote distributed solar PV
2. Combine wind and solar to reduce output variability
3. Use EV batteries to store local renewables surplus
4. Regulate net-metering and self-consumption
5. Increase the use of renewables to combat climate change

Energy efficiency

6. Promote distributed micro CHP
7. Install smart-metering to foster demand side management
8. Develop the synergies between smart- and super-grids
9. Change building codes and equipment standards
10. Support the widespread use of electric vehicles

Decarbonization

11. Reduce fossil fuel imports in Portugal
12. Achieve 95% energy needs with renewables in Germany by 2050
13. Revamp nuclear technologies in the UK
14. Develop carbon capture and storage (CCS) technologies
15. Develop a European energy network

Energy policy

16. Change market rules to fit increasing net-demand volatility
17. Combine market forces with environmental consciousness
18. Promote new market entrants as aggregators of small customers
19. Develop consumer awareness as stakeholders of the energy system
20. Prioritize fuel poverty reduction to invest into domestic PV