

18% nuclear for cleanest electricity

Cheaper clean energy by 2037 by adding 18% nuclear

Planned decrease in power sector emissions is inadequate
- a zero emissions society needs radical energy policy change

Electricity can fully decarbonise by adding 18% nuclear to the planned increase in renewables, storage & interconnection

Adding 18% nuclear saves money and is a more dependable clean energy solution than proceeding without nuclear

Renewables and emissions targets are *both* met by adding 18% nuclear

Ireland has the technical capability to manage a first class nuclear energy operation and regulatory infrastructure

Waste management solutions are well established globally and enhanced solutions are being developed

The proposition

Plan in detail how to decarbonise electricity by 2040.
If the plan is significantly improved by including 18% nuclear, repeal the Acts that do not permit nuclear power generation

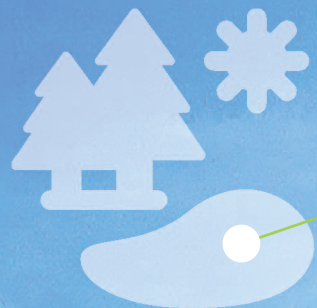
Develop legal infrastructure and select sites

Target first clean nuclear power generation by 2033

Achieve 18% nuclear by 2037

Adding 18% nuclear brings these benefits by 2037...

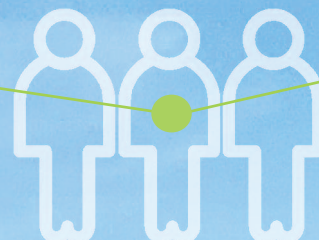
(compared to extending the Climate Action Plan)



99% less land
- 18 Hectares of existing fossil fuel station sites compared to 10,000 Ha of countryside when nuclear is not used



90% less concrete and steel - 120,000 tons with small nuclear plants compared to 1,600,000 tons when nuclear is not used

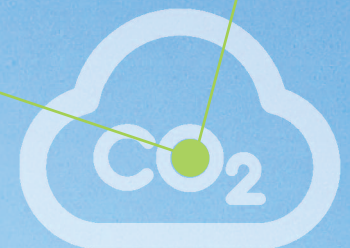


1300 high skill, well paid, secure jobs for 60 years created directly and **4000 ancillary jobs** locally and nationwide



over **€8 billion lower bills** between 2030 and 2050

14% cheaper power generation



36 Million tons less CO₂ emission by 2050

and the energy to achieve negative emissions in time