



NATIONAL MITIGATION PLAN

FORESTS

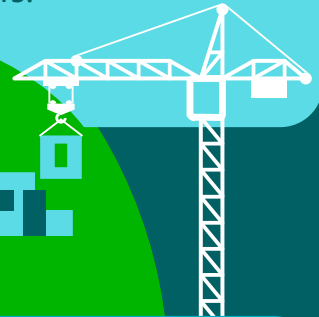
8,000 ha of new forests each year.

- 20 million trees planted.
- 2.8 million tonnes CO₂ stored.
- Wood for 140,000 houses.



BUILT ENVIRONMENT

- Government investment of c. €400m has to date grant-aided 350,000 energy efficiency upgrades supporting 2,700 jobs.
- New buildings after 2020 ⇒ 70% improvement in energy performance compared to 2005.
- Our Public Sector has improved energy efficiency by 21% and cut carbon emissions by 548,000 tonnes, saving €154m in 2015.
- SEAI supported Large Industry Energy Network improved energy efficiency, saving €25m in energy spend and cutting 147,000 tonnes of carbon emissions in 2015.



ELECTRICITY GENERATION

- Renewable energy ⇒ avoided €286m in fossil fuel imports in 2015.
- Renewable electricity ⇒ 25.3% of electricity generation ⇒ avoided GHG emissions of 3.2 MtCO₂ in 2015.

TRANSPORT

- Luas Cross City will increase capacity on the LUAS network by an additional 10 million journeys annually.
- All new cars and vans sold in Ireland from 2030 ⇒ zero emission or zero emission capable.
- Biofuels - more transport fuel will come from renewable sources with planned increases to the Biofuels Obligation Scheme and more gas/biogas fuelled vehicles.



AGRICULTURE

- Farm knowledge transfer groups on sustainability such as nutrient management planning ⇒ 20,000 participants.
- Beef Data and Genomics Programme - 24,000 applicants ⇒ 1,000,000 animals genotyped ⇒ 4.5% greater carbon efficiency per animal by 2020.
- Origin Green ⇒ 137,000 Carbon Footprint Audits.