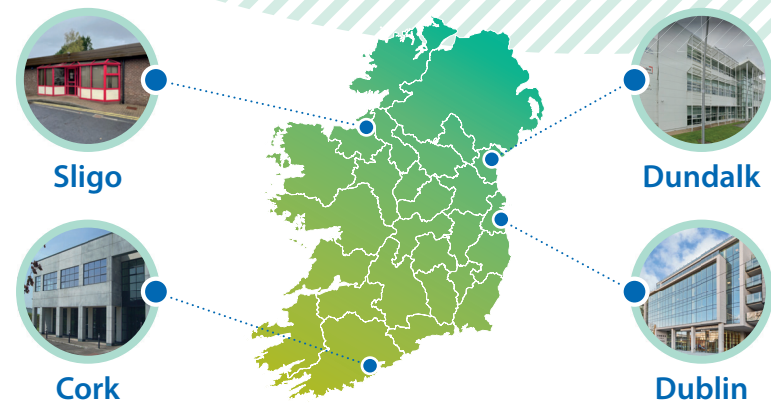


Climate Action Roadmap

Version: Q3 2023

SEAI OFFICES



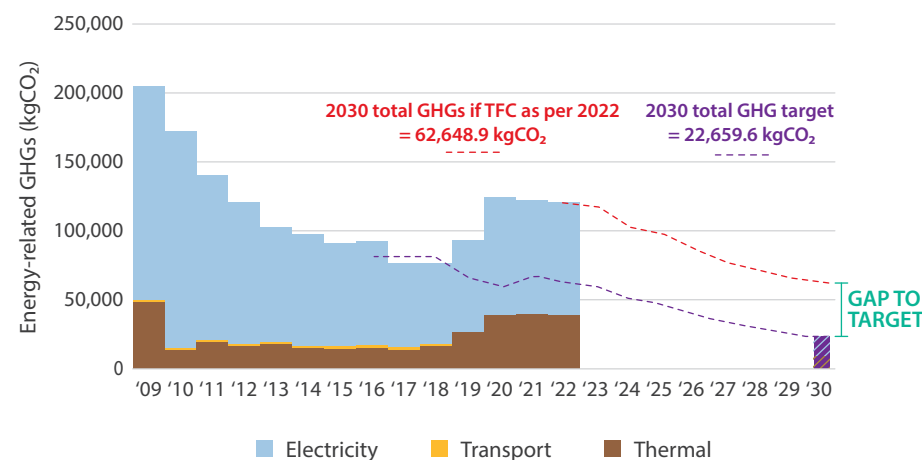
GREEN TEAM



CLIMATE ACTION ROADMAP

- 1 Planning Phase (Year 1)**
 - Conduct initial energy audit of all buildings, in parallel with Building Stock Plan 2023
 - Develop a decarbonisation strategy for building(s)
 - Define emissions reduction targets for each building
 - Identify possible building adjustments or moves to accommodate organisation growth
 - Develop a capital budget plan and support for decarbonisation efforts
- 2 Energy Efficiency Improvements (Years 2-4)**
 - Maintain ISO50001 certification, integrating and standardising all RYU improvements
 - Upgrade all lighting systems, controls and operational control measures
 - Develop HVAC improvements and operational control to increase efficiency
 - Incorporate building adjustments to facilitate SEAI growth
 - Feasibility and implementation of other ideas for energy performance improvement
- 3 Renewable Energy Installations (Years 3-4)**
 - Transition to electrification of heat using heat pump heating system in 3 Park Place
 - Identify heat electrification opportunities in other buildings, if applicable
 - Conduct feasibility studies for potential alternative renewable energy sources (solar, biofuel, biomass), as appropriate
 - Installation of solar panels with battery storage, as applicable
- 4 Monitoring and Reporting (Years 1-8)**
 - Monitor energy usage and emissions to track progress towards emissions reduction targets
 - Conduct strategic assessments of; SEAI scope 3 emissions, programme related low carbon construction methods, Do No Significant Harm, with strategic decision making on programmes' adoption
 - Report impact to maintain momentum and build support for SEAI climate action efforts
 - Annual ISO50001 Management Review process
 - Evaluate and adjust the energy management plan as necessary based on monitoring and reporting results
- 5 Education and Training (Years 1-8)**
 - Conduct awareness campaigns to encourage behavioural changes
 - Deploy SEAI bespoke climate leadership training, integrate opportunities into operations
 - Develop and deliver training programmes to educate employees and building occupants on energy efficiency and emissions reduction
 - Raise awareness about the SEAI climate action efforts through communication and engagement with stakeholders
 - Encourage employee participation in energy conservation and emissions reduction initiatives

GAP TO TARGET

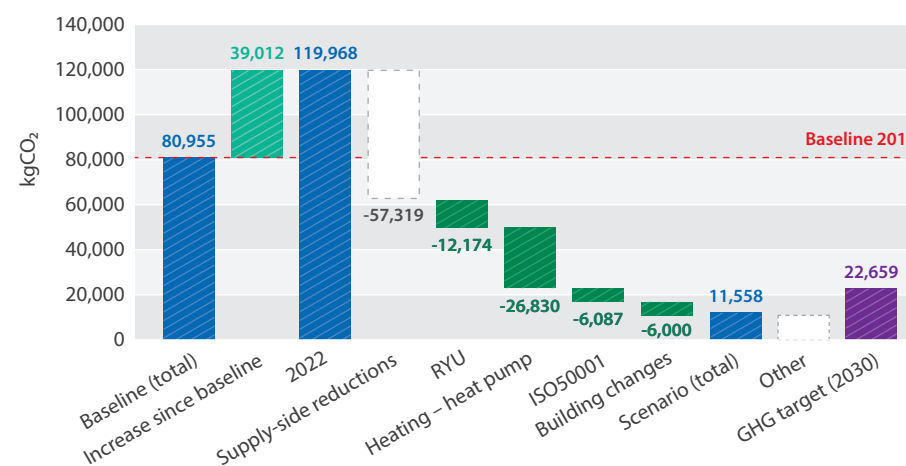


Gap to target:
40 tCO₂eq

PROJECTS

- Reduce Your Use winter energy saving campaign
- Implement ISO50001 – focus on energy efficiency, engaging people, continual improvement
- Dublin office – building heating change, design & implement
- Regional satellite office upgrades, office strategy & space optimisation
- Scope 3 – further considerations

2030 total emissions target – decarbonisation scenario



Climate Action Support

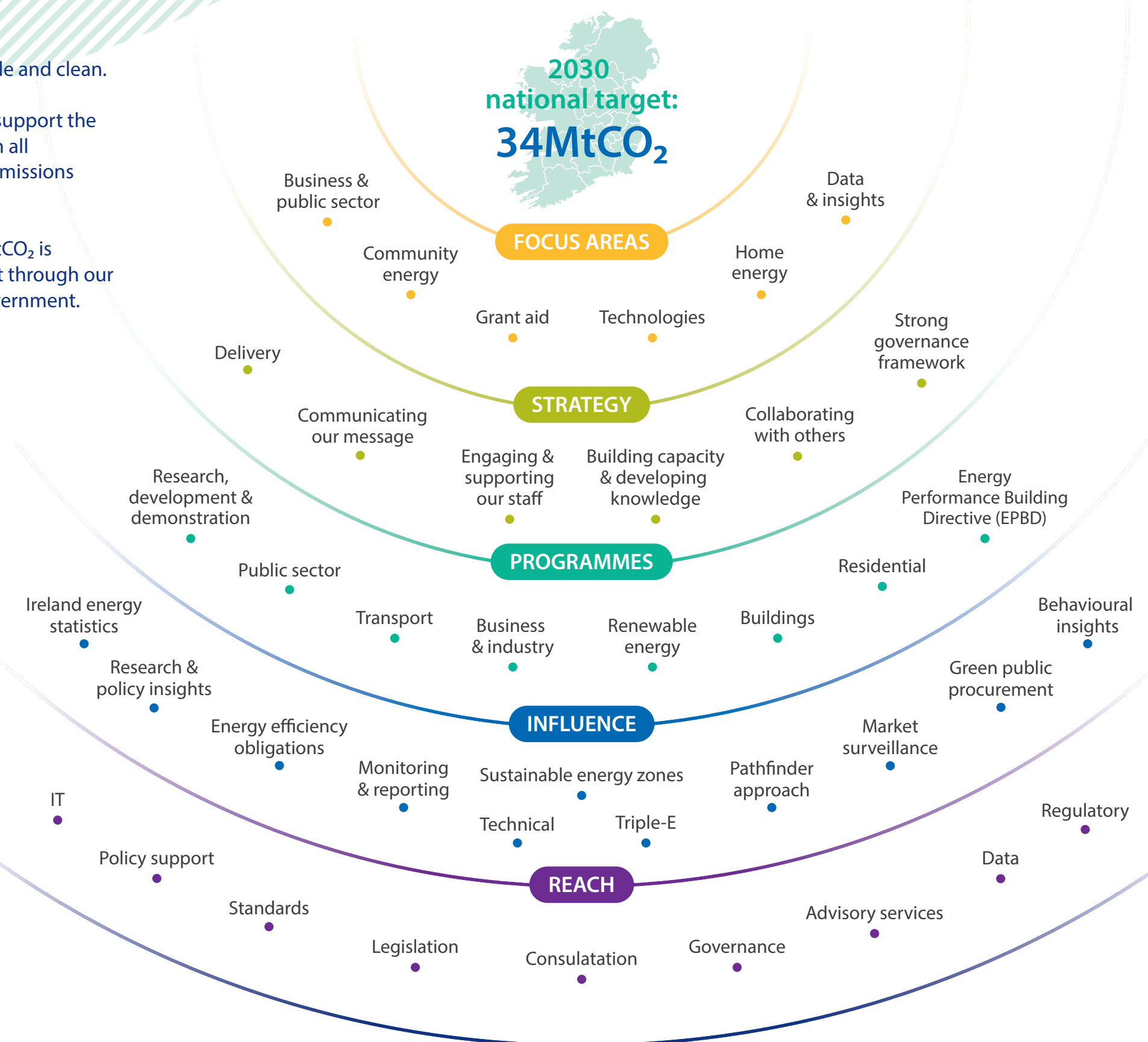
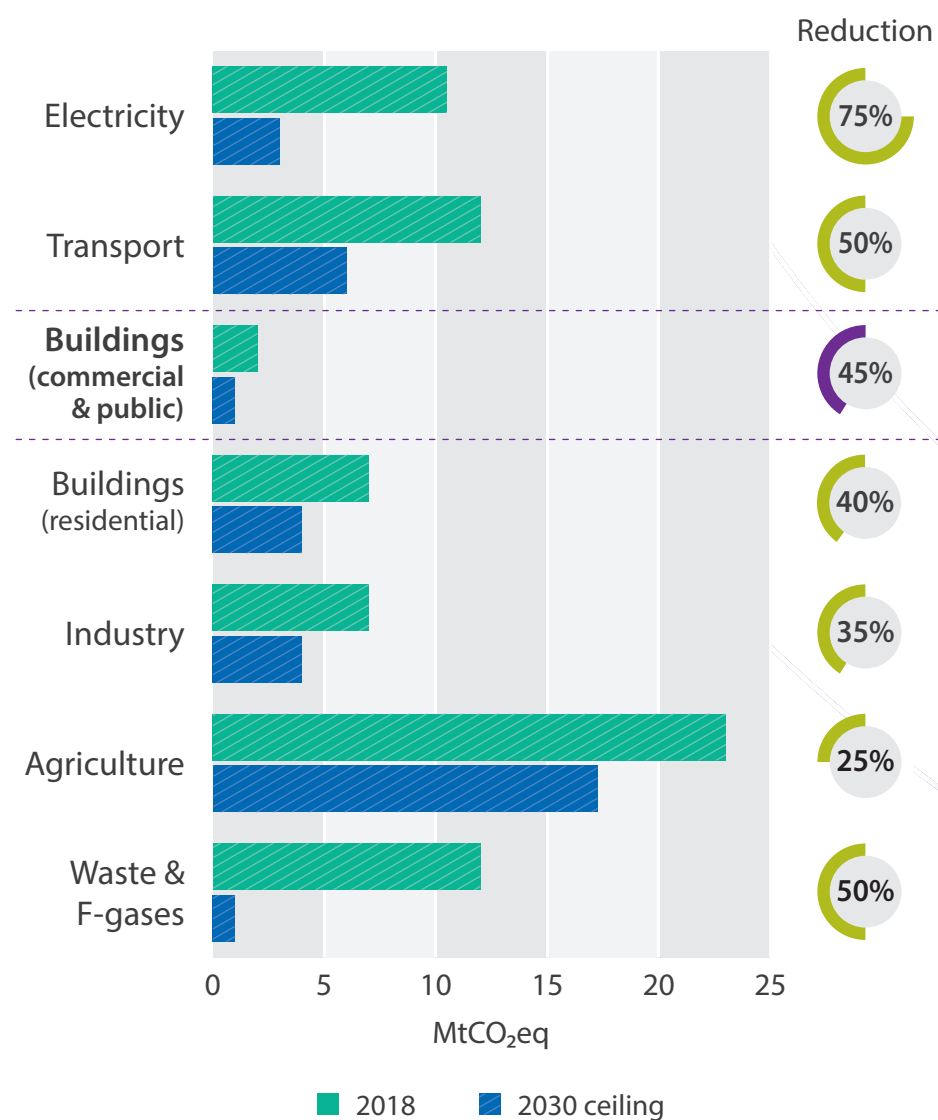
VISION

Our vision is for Ireland's energy to be sustainable, secure, affordable and clean.

SEAI is now able to engage with almost every sector of Irish life to support the necessary changes in how we source and use energy. We work with all stakeholders to optimise schemes and improve offerings to drive emissions reductions from our energy system.

Within the public sector, SEAI's 39tCO₂ emissions reduction to 22.6tCO₂ is relatively minor, however the SEAI will contribute to national target through our programmes with householders, businesses, communities and government.

STRATEGY AND SECTORAL EMISSION CEILINGS



Gap to Target

TOTAL GHG PATHWAYS & TARGETS

