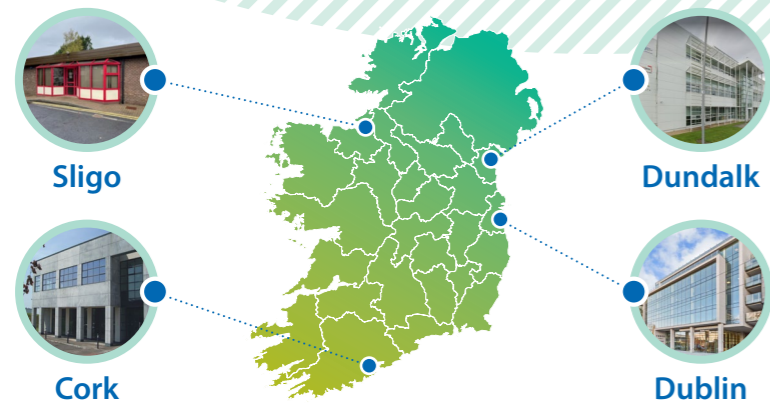


Climate Action Roadmap

Version: Q1 2023

SEAI OFFICES

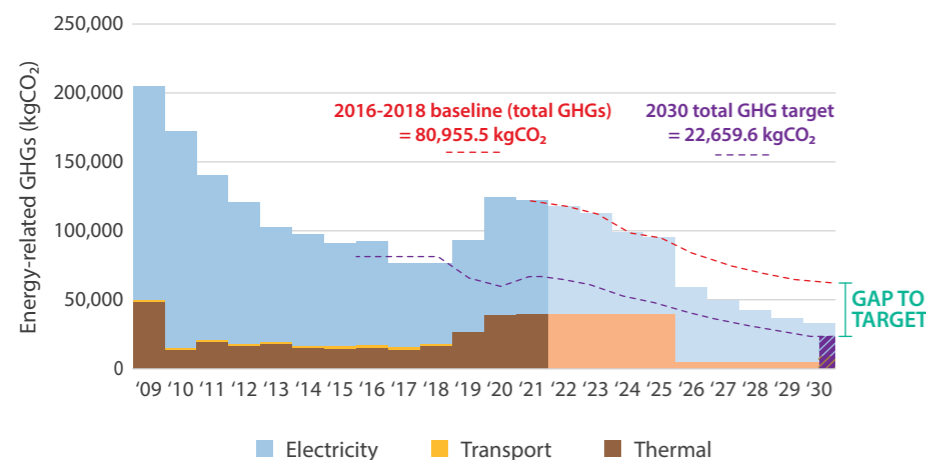


GREEN TEAM



CLIMATE ACTION ROADMAP

GAP TO TARGET



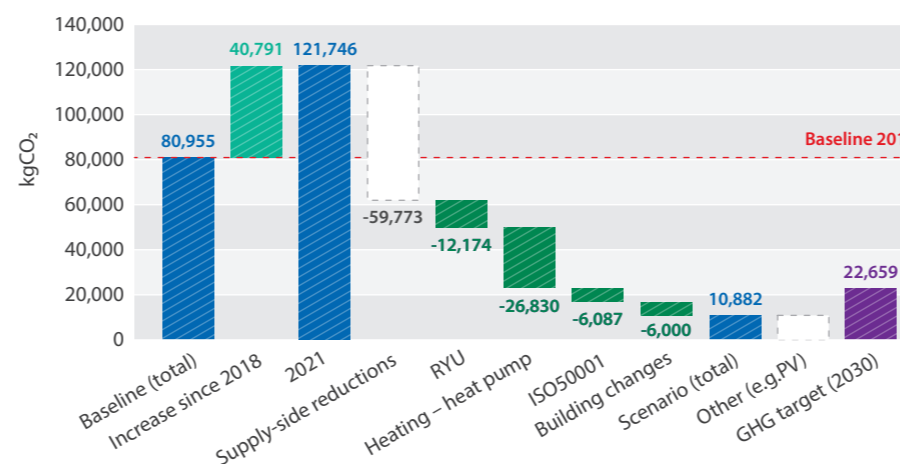
KEY ACTIONS

- ISO50001 (2016), Energy Policy
- Green Team (2022) – w/technical workstream
- Sustainability Policy (Board approval)
- Reduce Your Use in Public Sector (public sector winter mandate)
- Strategic projects identification & modeling (GtT) – collaboration with multi-tenants & landlord
- Climate Action Roadmap (Board approval)

PROJECTS

- Reduce Your Use (RYU) winter mandate
- Re-certify ISO50001, energy efficiency, engage people, continual improvement
- Dublin office – building heating change, design & implement
- Solar PV as opportunity for NZEB
- Satellite office upgrade, office strategy & space optimisation
- Scope 3 – further considerations

2030 total emissions target – decarbonisation scenario



- Planning Phase (Year 1)**
 - Conduct initial energy audit of all buildings
 - Develop a decarbonisation strategy for building(s)
 - Define emission reduction targets for each building
 - Identify possible building adjustment or moves to accommodate organisation growth
 - Develop a capital budget plan and support for decarbonisation efforts
- Energy Efficiency Improvements (Years 2-4)**
 - Maintain ISO50001 certification, integrating and standardising all RYU improvements
 - Upgrade all lighting systems, controls, and operational control
 - 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
- Renewable Energy Installations (Years 3-4)**
 - Transition to electrification of heat using heat pump in Dublin offices
 - Identify other buildings heat electrification opportunity, if applicable
 - Conduct feasibility studies for potential renewable energy sources (solar, biofuel, biomass)
 - Installation of solar panels with battery storage, as applicable
- Monitoring and Reporting (Years 1-8)**
 - Monitor energy usage and emissions to track progress towards emissions reduction targets
 - Report impact to maintain momentum and build support for SEAI climate action efforts
 - Evaluate and adjust the energy management plan as necessary based on monitoring and reporting results
- Education and Training (Years 1-8)**
 - Conduct awareness campaigns to encourage behavioural changes
 - Develop and deliver training programs 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

2030 target: 39 tCO₂eq

Climate Action Support

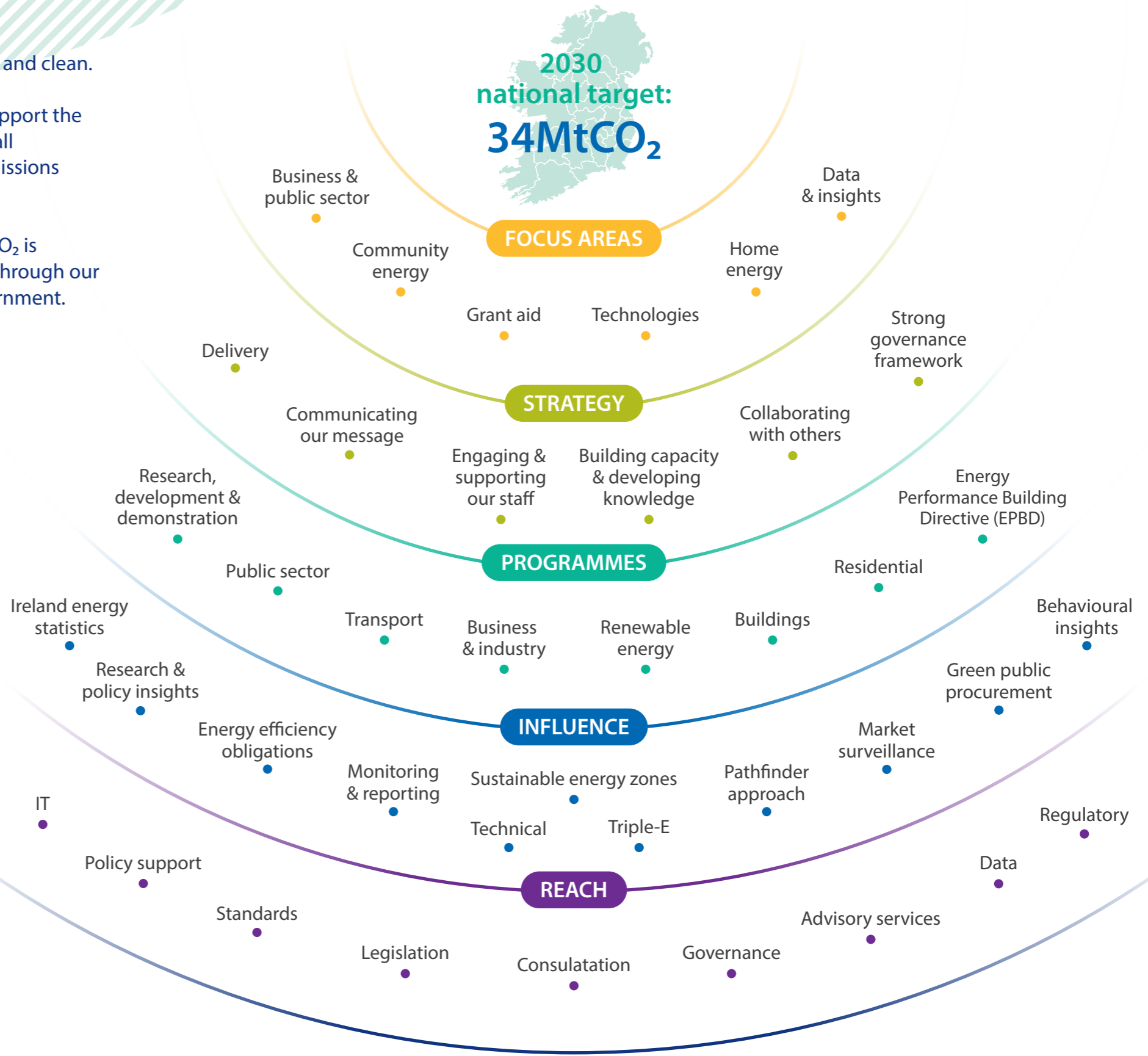
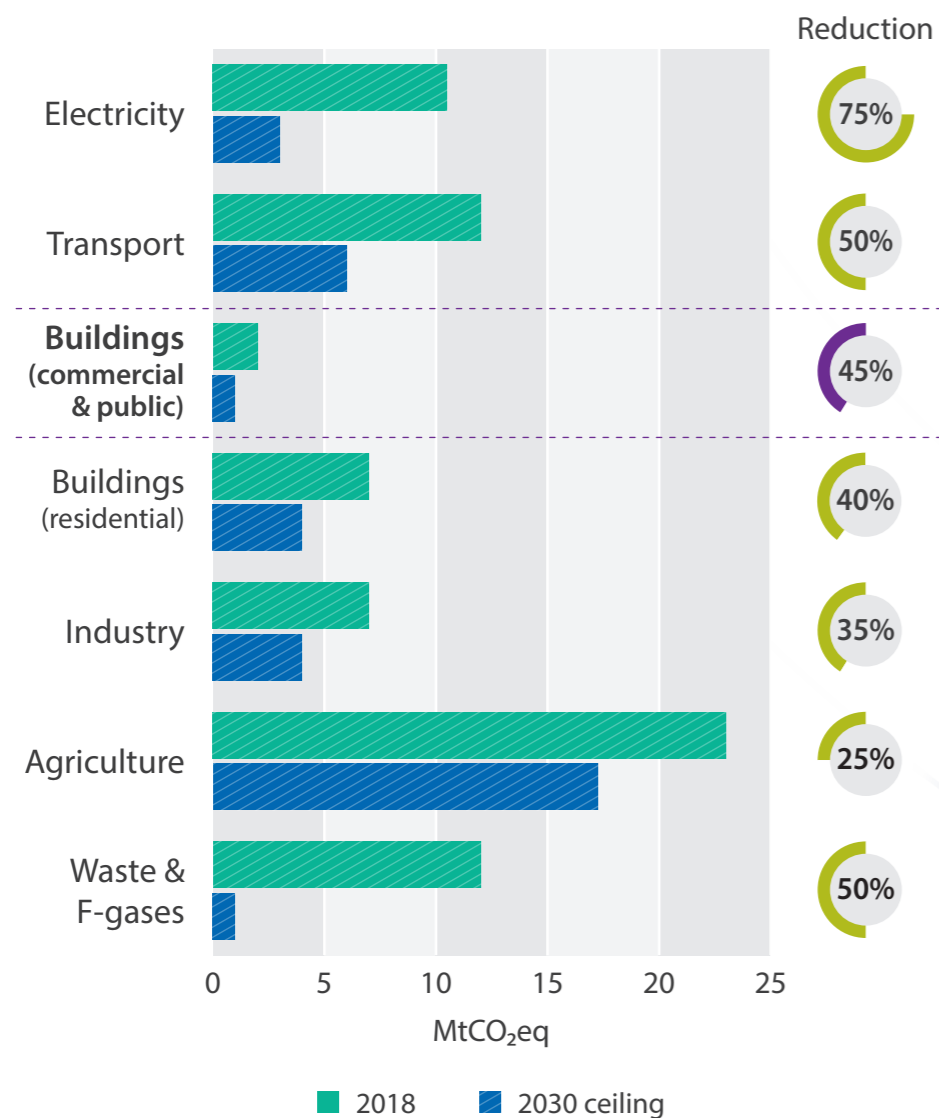
VISION

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

