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SEAI (Ireland / Irlande)



Ireland's EEOS

Eceee in partnership with GEO plc

Paris, 25th April 2019



Rialtas na hÉireann
Government of Ireland

www.seai.ie

Background to EEOS

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Article 7 Target under EED

- Ireland's Article 7 target equates to 1,102GWh PEE per annum
- Ireland adopted an alternative measures approach which includes a supplier obligation.
- A proportion of the target is allocated to regulatory measures and a further amount to other national efficiency programmes (**Alternative measures**)
- The balance is then allocated as a target to the Obligated Parties
- This target is further split in to energy poor, residential and non-residential sub targets.

Energy Efficiency Obligation Scheme (EEOS)

- Obligations on energy suppliers based on market share
- Meet their targets through energy efficiency measures
- Get 'credits' for verified energy savings (kWh)
- 'Demonstrably material' and 'additionality' evidence required
- Domestic Support usually in the form of discounts or bill rebates

Further info at: <https://www.seai.ie/energy-in-business/energy-efficiency-obligation-scheme/>

EEOS Overview

Under the [Energy Efficiency Obligation Scheme \(EEOS\)](#):

- Oil, electricity, gas and solid fuel suppliers covered
- Companies with final energy sales >600 GWh per year have mandatory energy saving targets
- The “Obligated Party” must be material to the savings
- The savings counted towards their targets must be measured and verified

Obligated parties	
Bord Gais Energy	Bord na Mona
Calor Gas	Electric Ireland
Energia	Enprova
Flogas	Lissan Coal Company
SSE Airtricity	Vayu (Naturgy)
PrePayPower	

Period	Annual Target (GWh)	75% Non-residential	20% residential	5% Energy poverty
2014-2016	550	412.5	110	27.5
2017	625	469	125	31
2018-2020	700	525	140	35

Typical non-residential measures

Lighting Decommissioning, maintenance, retrofit and controls	Ventilation and air conditioning Free cooling, maintenance, optimisation of operation and general energy management	Transport Eco-driving, fleet and energy management.
Heating Servicing, set point regulation, control and fabric upgrade.	Motors, drives and pumps Replacement, VSDs and control	Combined heat and power To meet 'own use' heat and electricity demand
Refrigeration Temperature control, pipe insulation, relocation and replacement	Compressed air Leak repair, optimisation, redesign and replacement	Industry processes Steam trap inspections, facility programmes and BMS

Types of supports available from Obligated Parties

Financial support

- Direct monetary contribution towards a project
- Facilitating low interest loans
- Negotiating discounts on materials (e.g. lighting supplies, high efficiency pumps, motors)
- Reduced energy prices or tariffs

Technical support

- Providing a certified energy practitioner to carry out energy audits
- Implementing energy management systems
- Identifying energy efficiency opportunities
- Measuring and verifying savings once opportunities have been realised

Examples only,
not an exhaustive list

Notified Alternative Measures

- SME Programme
- Large Industry Energy Network
- Accelerated Capital Allowances
- Building Regulations
 - New Dwellings (2008, 2011, 2015)
 - New Buildings other than Dwellings (2014)
- Efficient Boiler Replacement
- Smart Meters
- VRT / Motor Tax
- Other Policy Measures (e.g. SEAI domestic grants)

Notified Alternative Measures (SEAI involvement)

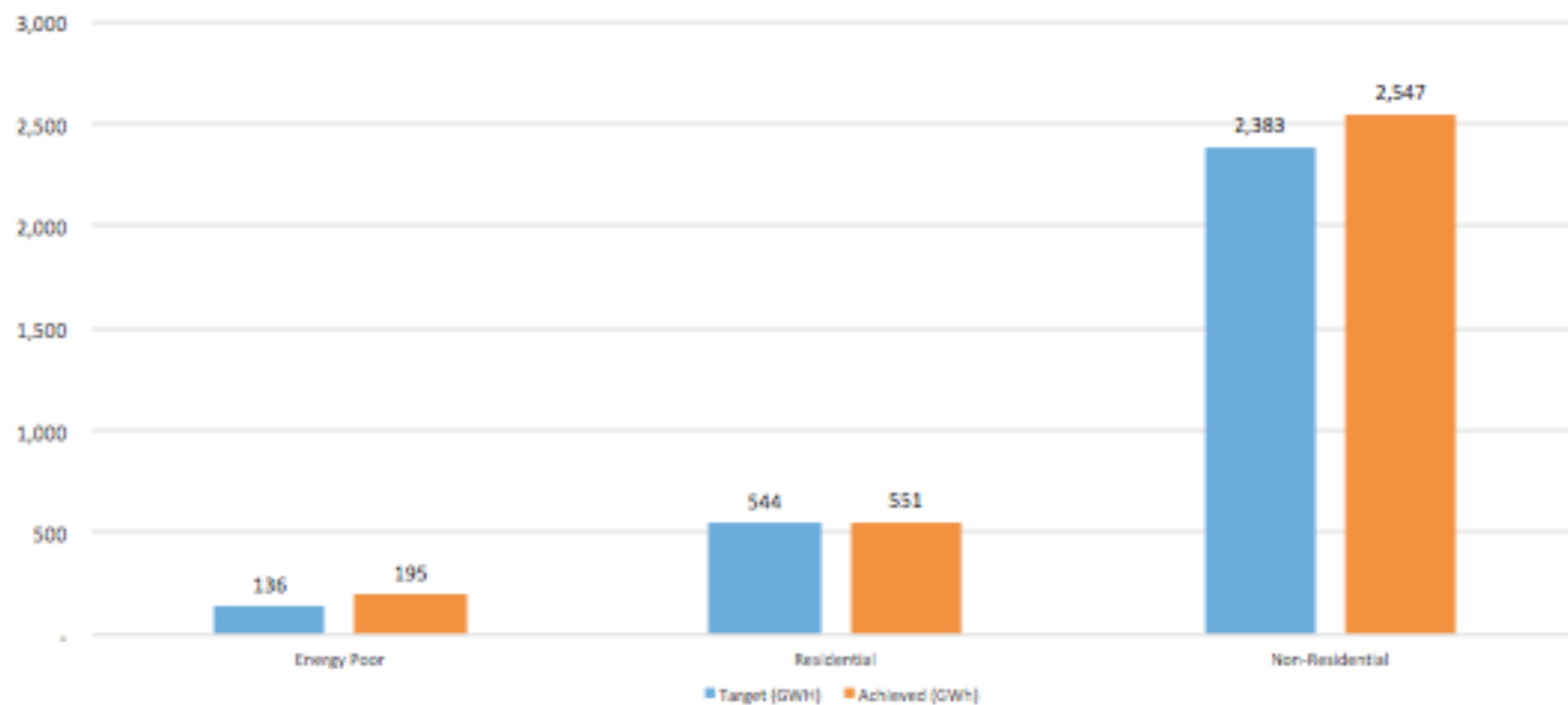
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Progress to date (2014 to 2018)

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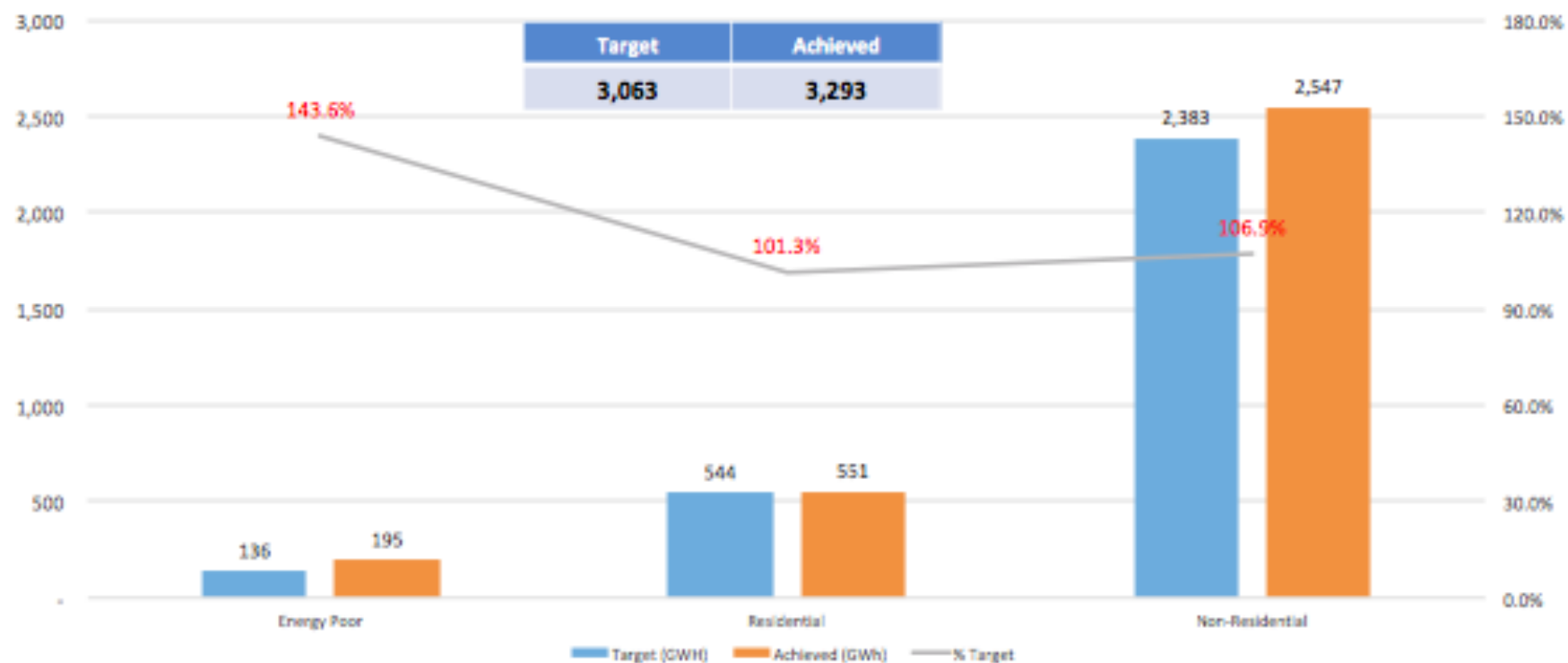
EEOS Progress 2014 to 2018

EEOS 2018

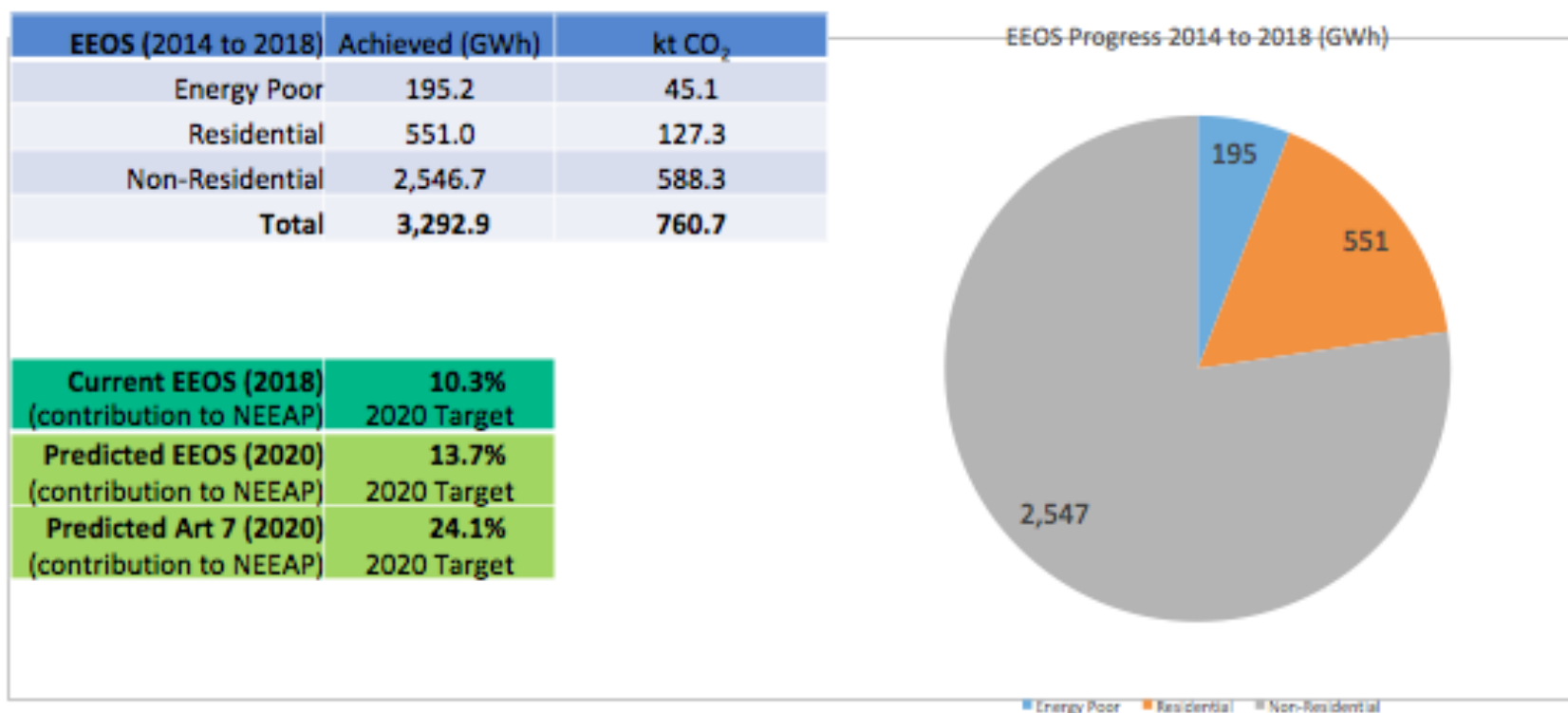


EEOS Progress 2014 to 2018

EEOS 2018



EEOS Breakdown by sector



EEOS Quality Control

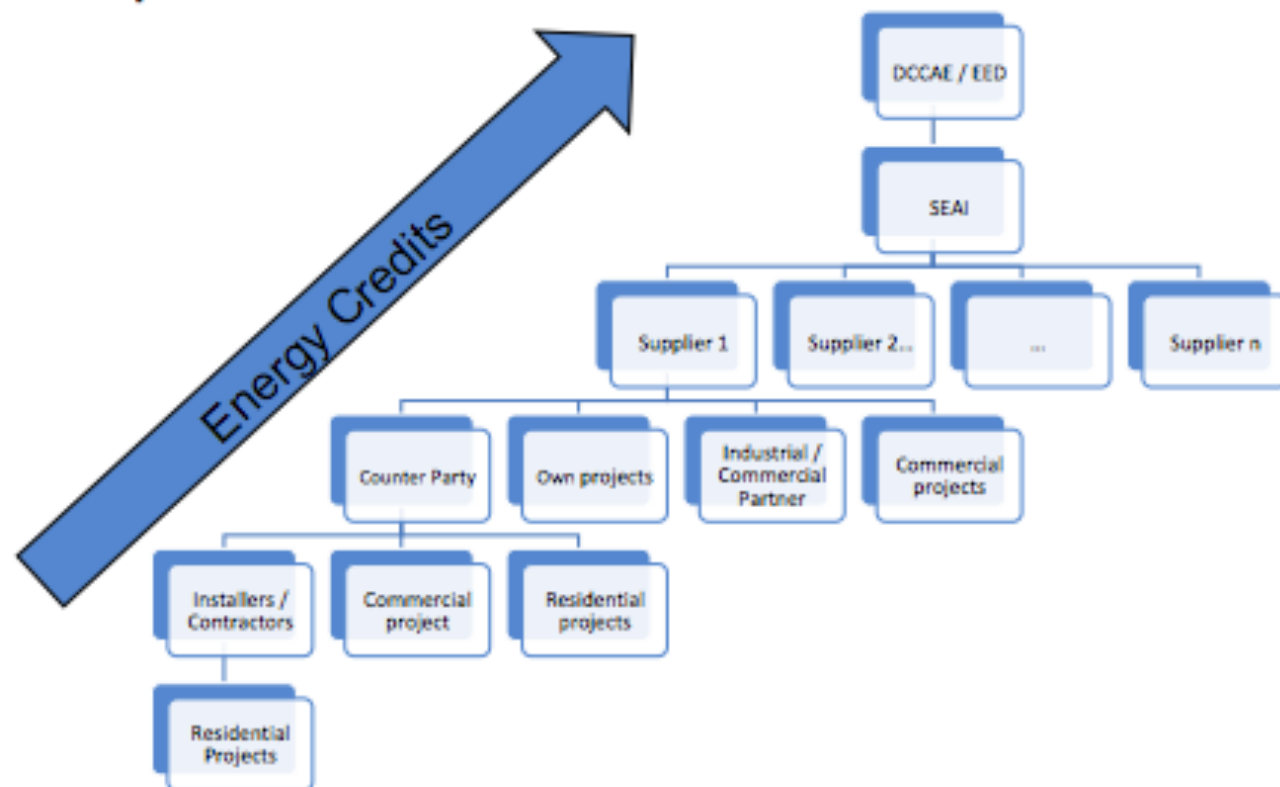
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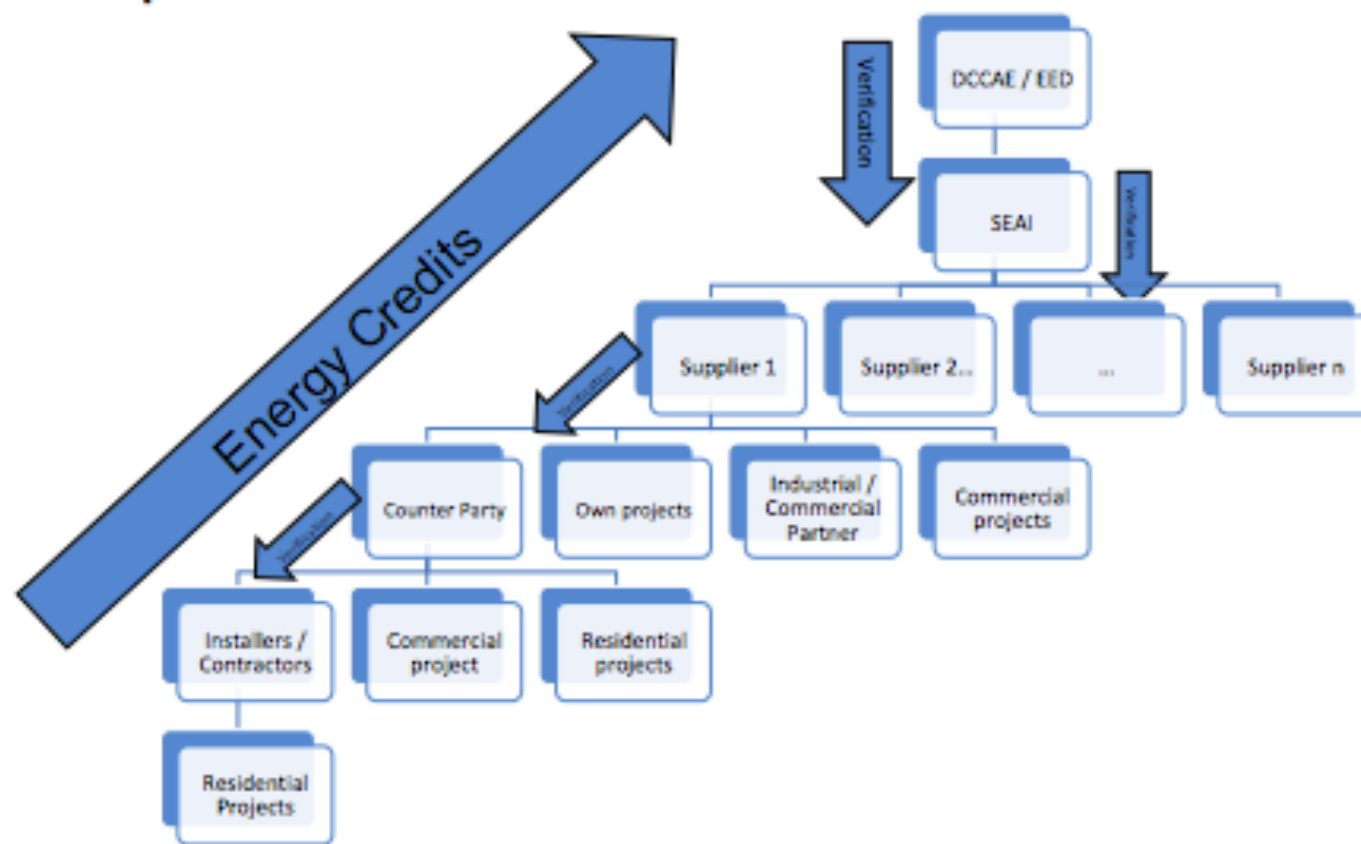
EEOS and Quality Management

- Treat supply of Energy Credits as a product
- Obligated Parties are a supplier of this product to SEAI
- In turn an OP's contractors, partners, own projects etc. are suppliers of energy credits to the OP
- Quality management schemes (e.g. ISO 9001) provide a template for ensuring robustness of the processes involved in product delivery

EEOS simplified overview



EEOS simplified overview



Thank you

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