

Support Available to Local Authorities in Achieving Energy Targets



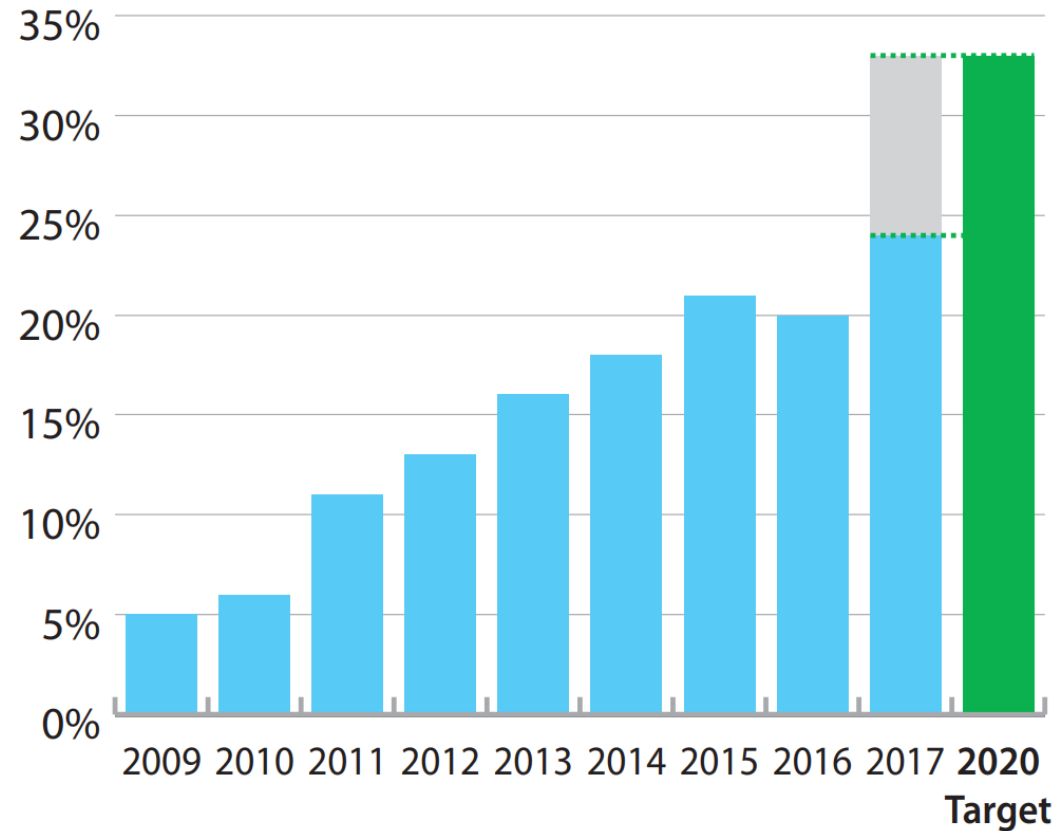
Fergus Sharkey – Head of Public and Private Sector Business

Outline

1. Energy Efficiency Targets and Progress
2. Ingredients for Success
3. SEAI Supports for Local Authorities

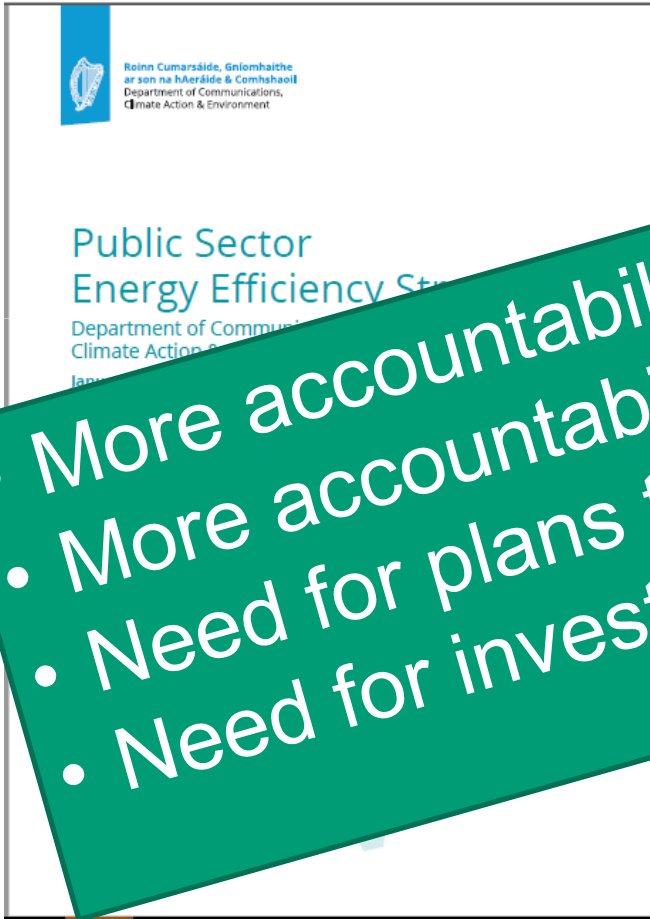
Energy Efficiency Targets

- Public Sector have 33% Energy Efficiency Target by 2020
- 24% achieved by end 2017
- 3 reporting periods remain (2018, 2019 & 2020)
- Represents a cumulative saving of >€1bn and 3.5 MtCO₂ since 2009
- 2030 targets currently being set



Public Sector Strategy

- Energy Performance Officers (EPO) appointed in all 350 PBs and 17 government Ministries



• More accountability and focus on annual performance

• More accountability against EE and CO2 targets

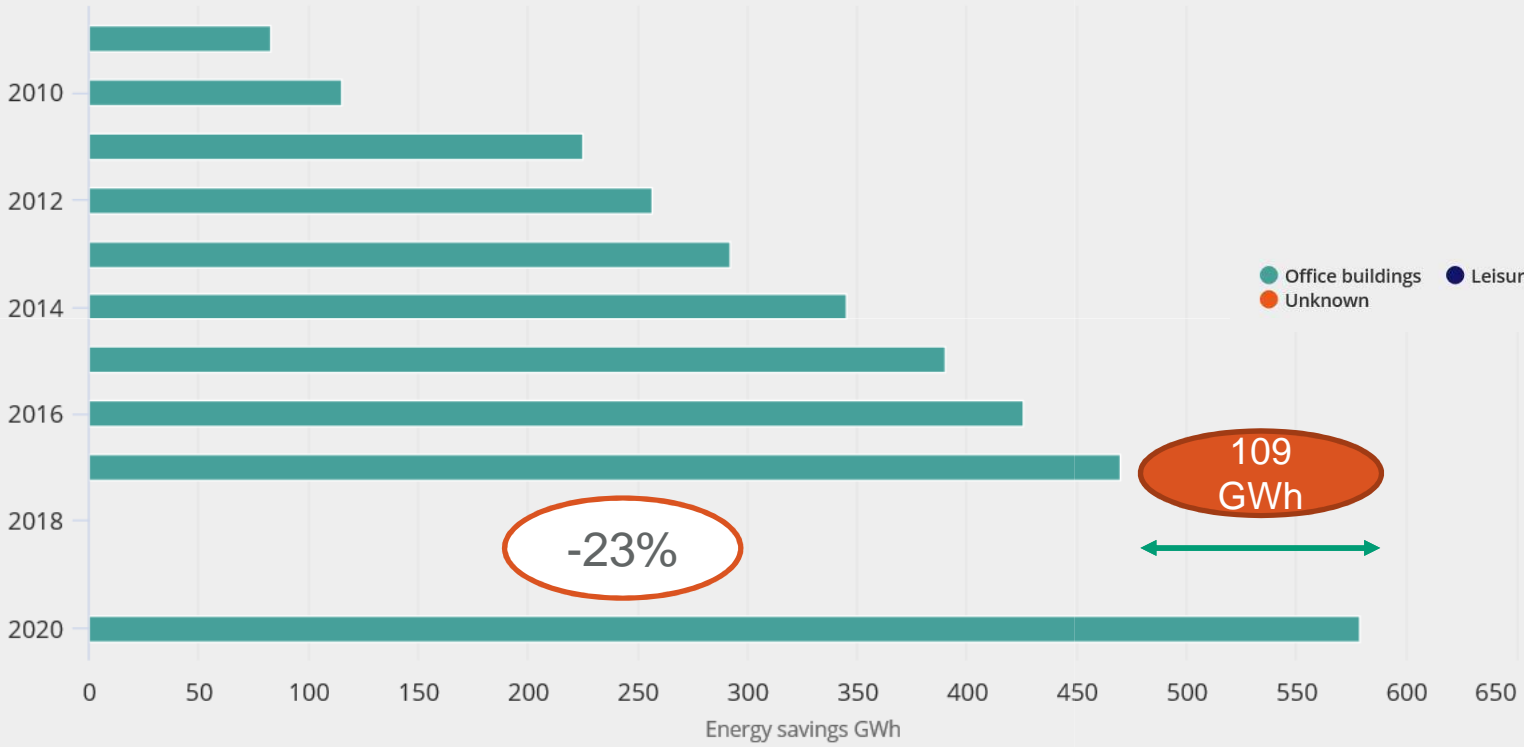
• Need for plans to 2030 and 2050

• Need for investment pipelines



Local Authorities' Progress to Date

Savings and gap to 2020 target



Energy end use

% energy consumption



- Office buildings
- Leisure centres
- Other buildings
- Public lighting
- Transport
- Other
- Unknown

<https://www.seai.ie/energy-in-business/monitoring-and-reporting/public-sector-results/local-authorities-energy/>

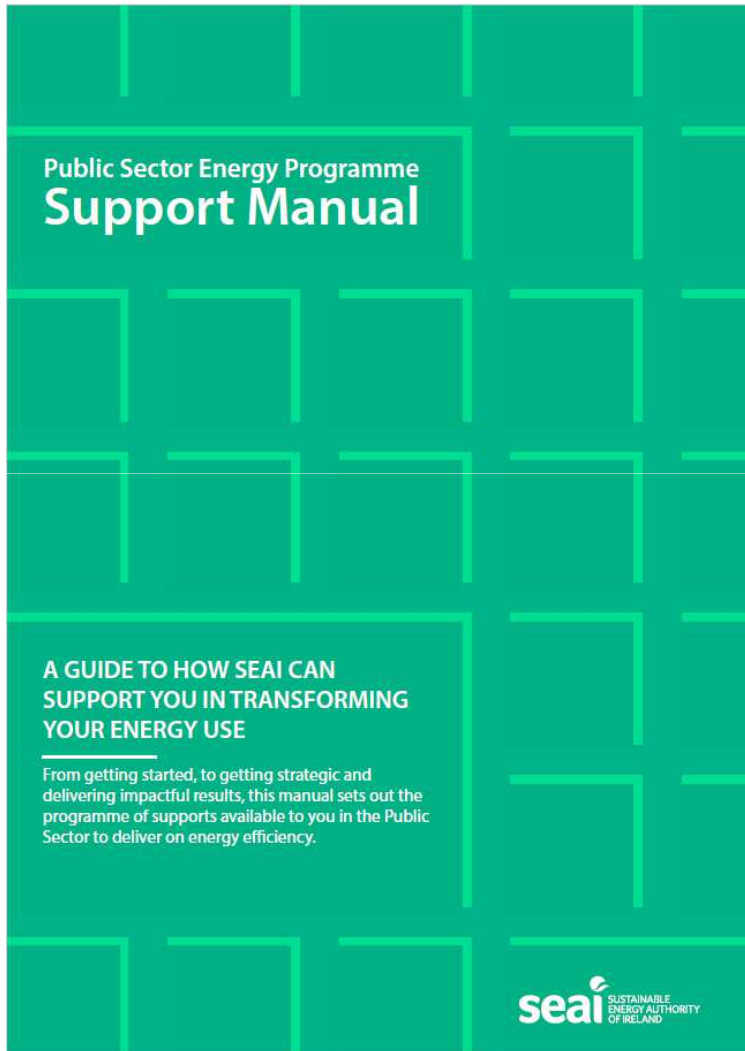
Ingredients for Success

What are the hallmarks of those who are achieving and exceeding targets?

1. Leadership commitment
2. Structured energy management – up to ISO50001
3. Strategic approach to achieving targets
4. Dedicated capital and human resources
5. Utilising available grants and supports

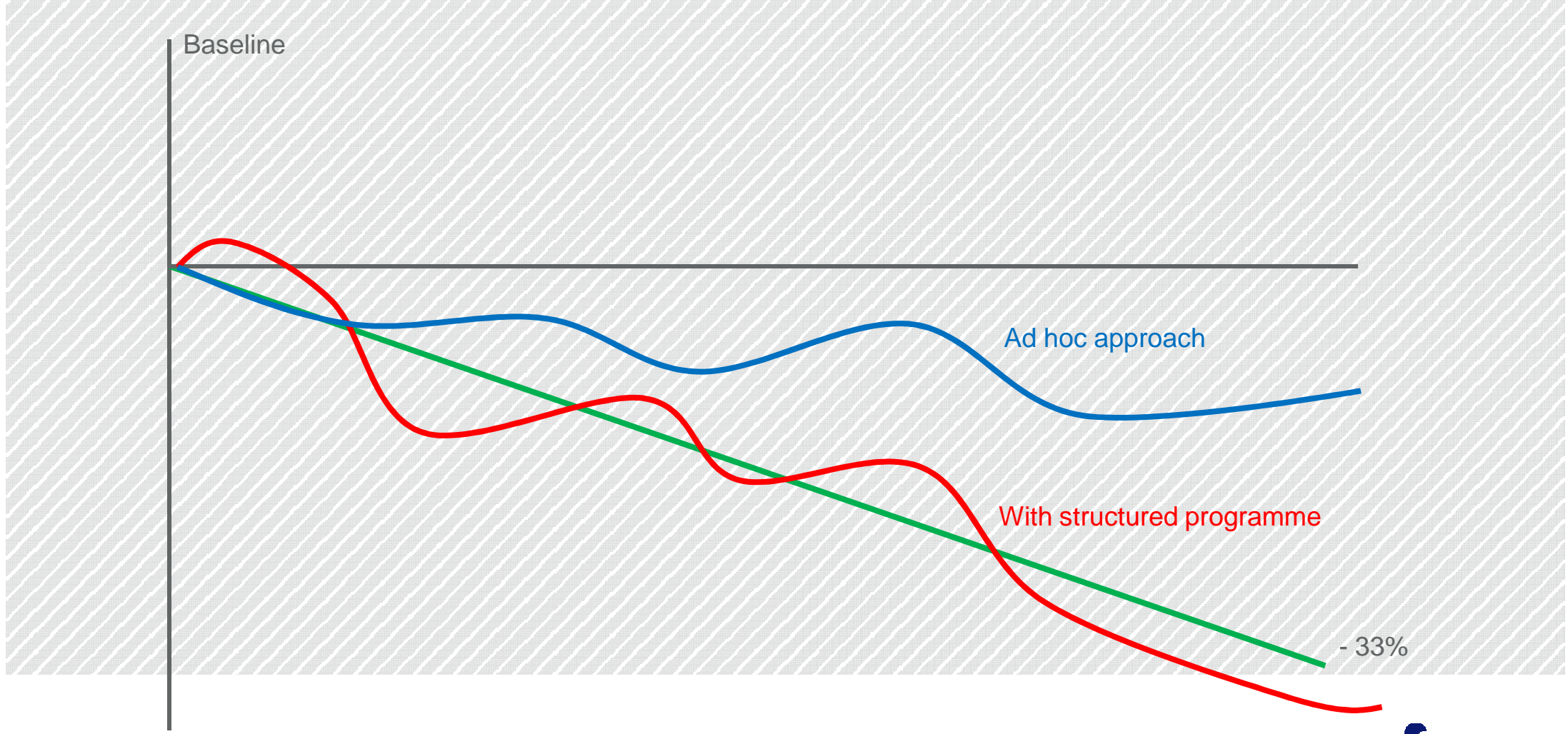


SEAI supports for Local Authorities

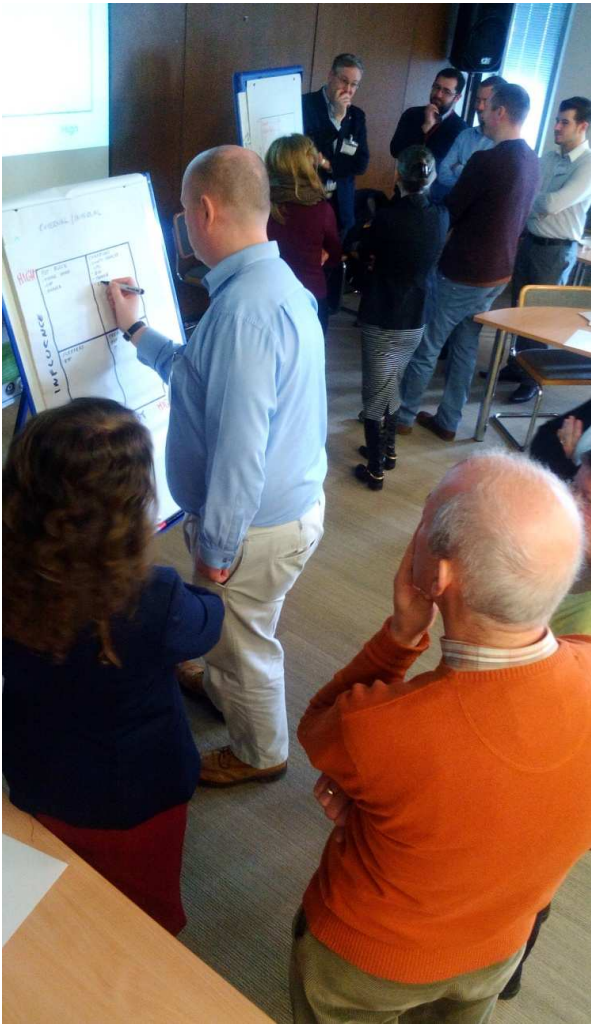


Getting Started	Energy Link Network Events/Training
Getting Organised	Energy Management
Getting Strategic	Partnership Programme <ul style="list-style-type: none">- Energy Management- Project support- Performance Measurement
Implementing Projects	Project Development and Capital supports
Monitoring and Reporting	Annual Reporting Obligation

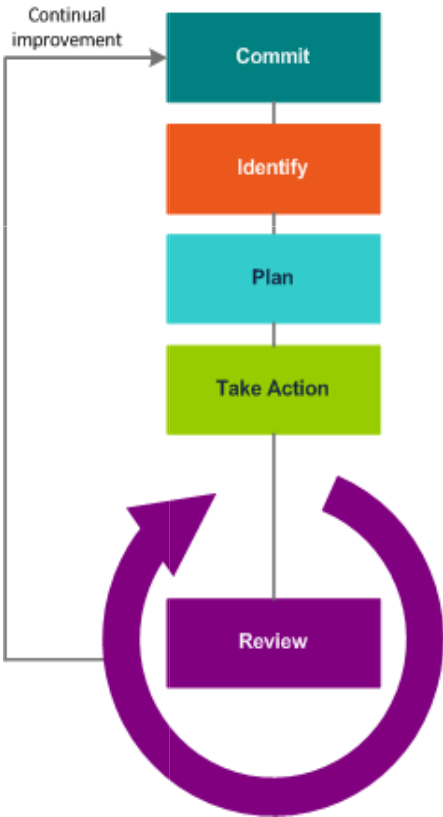
Getting organised - Structured Energy Management – a key principle – the engine for success



Energy Management Action Programme



Energy MAP 'Family'



- Training courses
- Website

- 500 people trained
- 5-10% energy savings

ISO 50001 Accelerator programme for partners (especially > €5m spend/annum)



SEAI ISO 50001 accelerator programme for public bodies
18 certified to ISO50001 through programme (25 certified overall)

Project Development Support

Support	Use for.....
Opportunity Assessment	Evaluation or sense check of a specific project opportunity
Project Accelerators <ul style="list-style-type: none">- LED Lighting Retrofit- Biomass Heat	Developing a project from concept to business case
Best Practice Guides and Case Studies	Learning from others
Project Assistance Grants	<ul style="list-style-type: none">- Audits and Feasibility Studies (up to €15k)- Delivery of an EPC (up to €37.5k)

Current and Future Capital Support Landscape

2019

Communities – 30%

EXEED – 30% (of incremental)

SSRH – 30% for HPs, 15 year tariff for biomass

Capital Pilots – 50% typically for targeted sectors

Climate Action Fund

EPC / ESCO route

Public Sector Capital Pilots

- Since 2017 DCCAE have provided increased capital funding to public sector (circa €6-10m p.a. average)

SEAI are targeting this capital at sectors with large scale/impact potential

- Sectors can address EM and investment in a more centralised manner
- ‘Primes the pump’ within the sector – spend x million to show how 10x million can be deployed
- Creates the right structures and processes for projects
- Creates a ‘scaleable model’
- Demonstrates best practice

Sectors/Bodies targeted

OPW / Central Government
– since 2017

Schools – since 2017

HSE – since 2018

Irish Water – from 2019

HSE (S38/39s)

IoT / Universities

Local Authorities

Gov Dept Aegis Groups

HSE Energy Management Bureau

- Partnership with HSE and SEAI – 50/50 funding
- €200k in 2018, €3-4m in 2019
- Building on energy management strategy in DNE/DML regions
- Piloting approach in 2018 (DNE/DML)
 - Establishment of an Energy Management Bureau (four resources across the estates offices)
 - Establish Energy Management Best Practice
 - Leverage OP@W Data and Supports
 - Create a Register of Opportunities for Retrofit
- Plan to grow model into other HSE regions in 2019
- From 2019 expand the support to capital projects
 - Multi-measure retrofits of replicable buildings
 - Centrally coordinated project management
 - Building scale and reinvesting savings



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

