



**Support Scheme for Renewable Heat (SSRH)**  
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[www.seai.ie](http://www.seai.ie)



**Rialtas na hÉireann**  
Government of Ireland

# Why SSRH? - European policy context

## Emissions reduction targets (non-ETS v 2005)

- 2020 national target of 20%
- 2030 national target of 30%

## Energy Efficiency

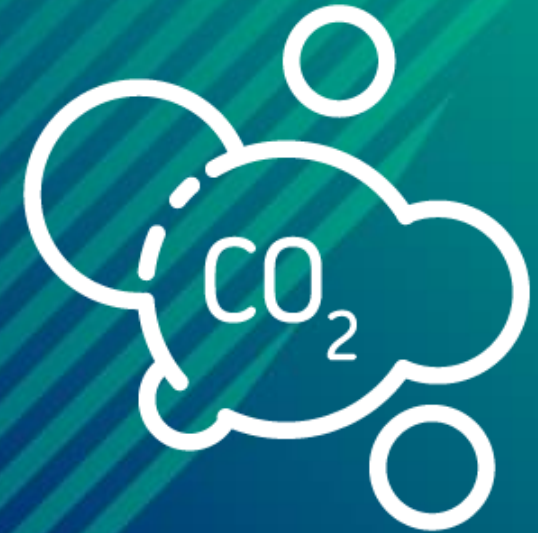
- 2020 national target of 20% (33% Public sector)
- 2030 EU target 32.5%

## Renewable Energy

- 2020 national target of 16% (12% heat)
- 2030 EU target 32%

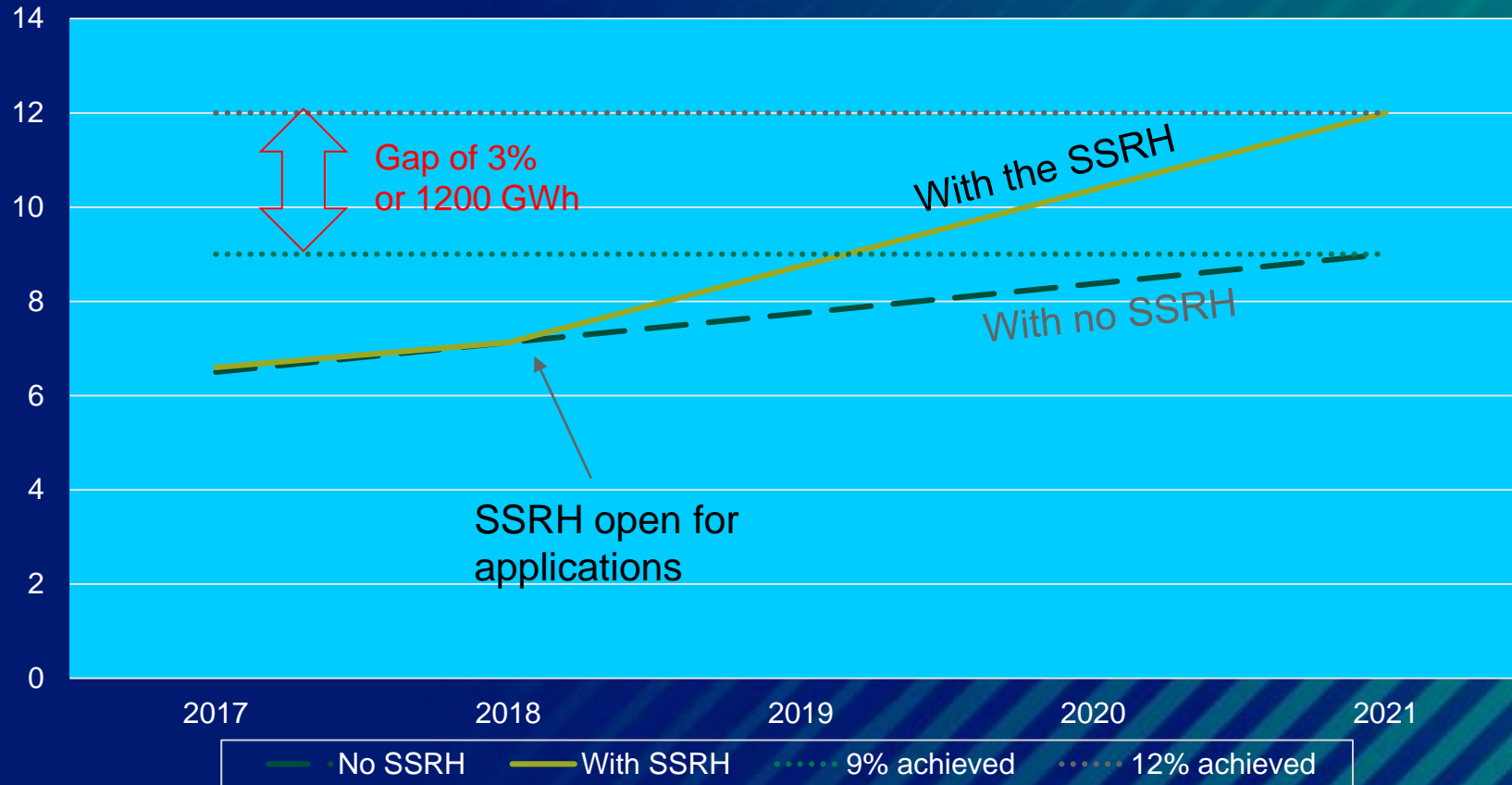
## National Development Plan

- *Includes - Transition to a low-carbon and climate-resilient society*



# Targeting an extra 3% renewable heat

Renewable heat percentage





# How does the SSRH work?

A hybrid scheme of;

Investment aid - a grant of up to 30% for

- air source heat pumps
- ground source heat pumps
- water source heat pumps

Operational aid based on eligible heat use

- a tariff which is tiered (reduces as heat output increases)
- ongoing quarterly payments for 15 years
- for biomass heating systems & anaerobic digestion heating systems



# Terms & Conditions will apply

## Eligible applicants – who can apply?

- commercial, industrial, agricultural, public sector, district heating
- not ETS sites
- not single domestic

## Eligible heat – what can you heat?

- space heating
- water heating
- process heating
- some exclusions e.g. open spaces, wood fuel drying, electricity generation
- not heat produced for the purpose of receiving SSRH





# How technologies are supported

Based on useable & eligible heat output;

- from renewable heating systems
- existing installations that convert from fossil fuel to renewable fuel
- new installations (that have a counterfactual)

Some common T's & C's for eligibility e.g.

- eligible applicants, eligible heat
- energy efficiency
- installation standards

Some specific T's & C's related to technology

- heat pump e.g. building standards
- biomass boiler e.g. fuel sustainability
- biogas boiler e.g. feedstock sustainability & gas traceability
- HE CHP e.g. must be HE, caution with RESS



# Example of possible tariff rates

| Tier | Lower Limit (MWh/yr) | Upper Limit (MWh/yr) | Biomass Heating Systems Tariff (c/kWh) | Anaerobic Digestion Heating Systems (c/kWh) |
|------|----------------------|----------------------|--|---|
| 1    | 0                    | 300                  | 5.66                                   | 2.95  |
| 2    | 300                  | 1,000                | 3.02                                   | 2.95  |
| 3    | 1,000                | 2,400                | 0.50                                   | 0.50  |
| 4    | 2,400                | 10,000               | 0.50                                   | 0.00  |
| 5    | 10,000               | 50,000               | 0.37                                   | 0.00  |
| 6    | 50,000               | N/A                  | 0.00                                   | 0.00  |

Tariff rates will be reviewed annually or as required.

# Example — hypothetical figures for illustration only

- 2 X 400 kW boilers – project cost €390k\*
- Eligible heat output 1750 MWh
- SSRH support €41,870

300 X €56.6 = €16980

700 X €30.2 = €21140

750 X €5.0 = €3750

Total = €41870

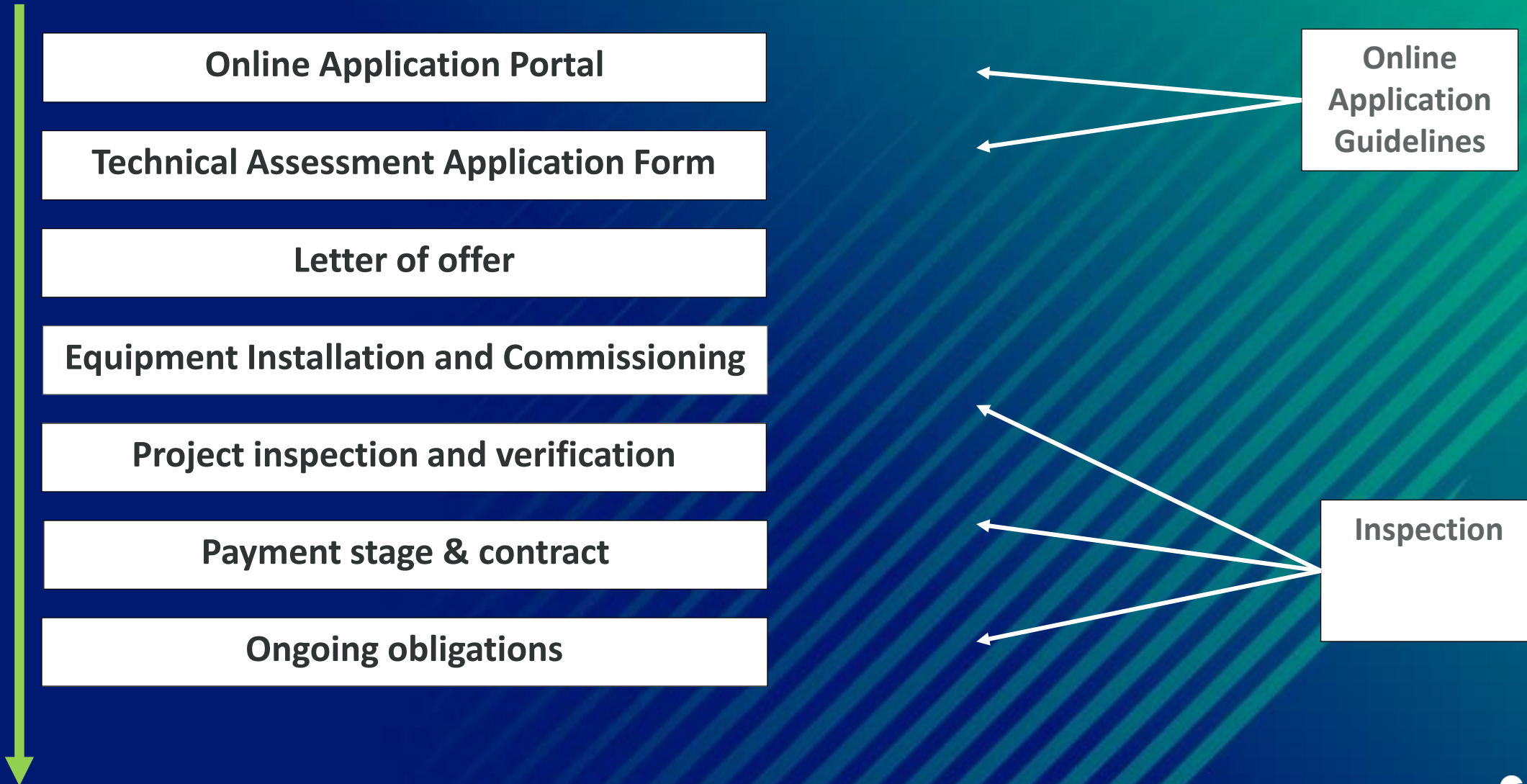
- Fuel Oil €140,070
- Wood pellet €105,000
- Fuel saving €35,070
- Total saving €76,940



\* includes additional project costs for energy efficiency, meters, etc.



# Application process



# How to apply (all on-line)

## Application Form;

- State aid definition of an application
  - Applicant name & details
  - Project title & short description
  - Option to nominate a representative
  - Select 'Tariff' or 'Grant'
  - Project size (heat output or project costs)

## Declarations

- Establishment, solvency, funding, incentive effect and eligible building

## Technical Assessment

- Your project
- Your heat use
- Your energy efficiency



# Technical Assessment – step 2 of your application

## Site & proposal;

- Site & buildings (description & drawing)
- Existing fossil fuel use (boiler & fuel)
- Proposed heat use
- Back up systems (if any)
- Buildings (particularly for space heating using heat pumps)

## Energy Efficiency

- Baseline energy performance (based on existing fuel use and calculated changes up or down)
- Energy management (describe how you manage your energy and identify opportunities for reduction)
- Energy efficiency evaluation (energy balance & benchmarks)





# Approval process will review

- Eligible applicants
- Eligible heat
- Heat use in buildings
- Energy efficiency
- Useful heat
- Measuring heat
- Heating technology
- Installation standards
- Sustainability
- Incentive effect
- Project funding & payments
- Ongoing obligations



SSRH presents a range of new business and financial opportunities for the commercial and public sectors.

Business and agriculture can benefit from both the supply chain and direct heat use.

We can help you to use less and use renewable.

Now open for grant/investment aid applications.  
Operational/tariff aid coming soon (awaiting State Aid approval).

Use the on-line expression of interest to engage with SEAI.

Find out more at [www.seai.ie](http://www.seai.ie)



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