

Green Distilleries Fund

24th September 2020

Jenni McDonnell, KTN

www.ktn-uk.org

The KTN logo is displayed in a bold, black, lowercase sans-serif font. It is positioned on the right side of the slide, centered vertically, and is set against a large, semi-circular background that transitions from a dark green at the top to a bright green at the bottom.

Green Distilleries SBRI £10m

The fund will support distilleries in the UK to decarbonise their distillery process (including maltings and maturation) through fuel switching.

The programme will take a portfolio approach and aims to fund a range of different solutions which could include electrification, hydrogen, biomass or waste.

In addition, enabling technologies will be considered and could include fuel conversion, transportation or storage of the fuel. BEIS are looking for a step change in the carbon emissions reduction through these projects for the benefit of the whole distillery sector

The programme is split into two phases of funding. Companies have to be in Phase 1 to be able to bid for Phase 2.

<https://www.gov.uk/government/publications/green-distilleries-competition-expression-of-interest>



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Phase 1 - £500,000 budget

Feasibility study to prepare for deployment

- 3 months duration
- £75,000 per project
- Project start date 7th Dec 2020
- Project close date 15th March 2021
- Must be led by UK business
- Can have subcontractors = SMEs, large companies, Academics, RTOs, public sector and third sector

TRL 4-7 at start of the project

Phase 2 - £9m budget

Deployment or further study

- 2 years duration
- £3million per project
- Project start date June 2021
- Project close date March 2023
- Must be led by UK business
- Can have subcontractors = SMEs, large companies, Academics, RTOs, public sector and third sector

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Scope

Phase 1 is split into two Lots (competitions)

Lot 1

- to support the development of fuel switching for the distillery process (heat) and for onsite power generation for the distillery process.

(basically anything that needs to be adapted in the distillery process to allow it to fuel switch from fossil fuels)

Lot 2

- to support the development of the enabling technologies that will allow the distillery to fuel switch such as fuel conversion, transportation or storage of the new fuel.

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Types of technologies that would be in scope for Lot 1 include;

Electrification

- High temperature industrial heat pumps
- Renewable energy integration

Biomass and waste

- biomass and energy from waste to produce power (waste ideally from the distillery process)

Hydrogen gas

- hydrogen and hydrogen blends (including blue H₂) to burn directly to generate heat/power for the process or used to produce steam for the process.
- Fuel cells focussing on heat and power generation.

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Types of technologies that would be in scope for Lot 2 include;

Transportation and Storage on site

- Use of liquid hydrogen carriers, hydrates and ammonia
- Use of biomethane and syngas (out of scope for Lot 1)

Fuel Conversion technologies

e.g. biomethane into hydrogen or power

Out of scope

- CCUS
- Energy efficiency
- Feedstock switching - changing the ingredients in the whiskey recipe

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Registration opens on the 14th Sept

Email BEIS on industry.innovation@beis.gov.uk

Subject line: Phase 1 - Green Distilleries Registration plus company name

Body Text: 500word description of the project idea

Deadline for registration 2nd October at noon



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Application

After registration you will receive an email from BEIS with the ITT, application form and a unique number for your project. Complete the application form and sign the declaration and return it to BEIS

Email BEIS on industry.innovation@beis.gov.uk

Subject line: Phase 1 - Green Distilleries submission plus unique number

By applying to the competition companies are accepting BEIS' T&Cs. T&Cs are non-negotiable, so companies have to be happy to go along with them before they apply.

Deadline for submission 12th October at noon



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Timeline for Phase 1

25th Sept - submit any questions you have to BEIS

2nd Oct - deadline for registration

12th Oct - deadline for application submission

23rd Nov - BEIS notify applicants

7th Dec - project start

15th Mar 2021 - Project close

Any questions?

Contacts

KTN Jenni.McDonnell@ktn-uk.org

BEIS industry.innovation@beis.gov.uk

