

INNOVATION CHALLENGE 1 FAQ'S



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Why should companies apply?

MSIP will run a swift, secure and confidential process to support technology development that addresses The Challenge, allowing companies to de-risk their investment, develop new products and processes and grow their businesses.

What types of projects will be funded?

MSIP is looking to support a range of projects that support the delivery or demonstrate the viability of zero emission alternatives for small scale off-grid, mobile or temporary energy provision. These alternative sources of energy can have a range of applications including heat, powering road works, catering vans, off-grid lighting towers, construction and others. We expect the majority to projects to deliver opportunity or feasibility studies, but eligible projects can also include technical development, system integration, testing and demonstration or business modelling or market testing.

Who is eligible to apply?

Projects must be led by a company and can include more than one participating entity. Companies do not have to be located at MSIP in Dundee or Scotland. Collaborative partners can be companies or Universities. Companies that are currently working on The Innovation Challenge product/process development or have relevant capabilities can apply.

How to apply?

Applicants should submit a full [application form](#) outlining their project and how it could support the delivery of zero emission alternatives for small scale off-grid, mobile or temporary energy provision. All applications must be received by 11am on Friday 20 August 2021. All applications should be sent to info@msipdundee.com with 'Innovation Challenge 1' in the subject line.

Definitions

Microgeneration - Microgeneration or micropower is the small-scale and mobile generation of heat and electrical power to meet individual needs, as alternatives or supplements to a traditional centralised grid power.

Small scale - less than 10kw generating capacity/provision.

Zero emission - technologies that can generate the energy required without any resulting carbon emissions from their operations.

Opportunity Study - An opportunity study is defined as the earliest phase of a project that seeks to discover and validate a project concept and scope. This occurs in the initiation phase before detailed requirements gathering and feasibility studies.

Feasibility Study - A feasibility study is defined as an analysis that takes all of a project's relevant factors into account—including economic, technical, legal, and scheduling considerations—to ascertain the likelihood of completing the project successfully.

What is the process?

MSIP will use a single stage process with interested companies asked to submit an application to provide the following information.

1. Company details
2. Company activities and impacts
3. Project Summary
4. Full Project details (Project plan, Business impacts, Funding summary, Cost breakdown)
5. Data protection and declaration



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How will the Application be assessed?

A scoring panel including representatives from MSIP and partners including [Hydrogen Accelerator](#), [Energy Technology Partnership](#), [Scottish Enterprise](#) and other relevant partners will consider each application based on the scoring criteria defined below.

Assessment Criteria	Scoring
Is the company an SME? Is the company Scottish?	Yes - 3, No - 0 Yes - 3, No - 0
The project outline, does it address the Challenge topic?	Clear strategic fit - 3 Partial strategic fit - 1 No, or unclear strategic fit - 0
Potential contribution to the Scottish Government carbon targets	Zero emission, 100% reduced carbon emissions - 5 Significantly reduced carbon emissions >50% - 3 Slightly reduced carbon emissions <50% - 1 No reduction in carbon emissions 0% - 0
Private leverage (Cash and in kind) At least £1,000 of match funding in cash or in kind? Are there additional contributions being made in cash or in kind?	Yes - 3, No - 0 Yes - 3, No - 0
Potential for follow-on funding opportunity	Yes - 3, No - 0
Potential for Intellectual Property development	Yes - 3, No - 0

What types of technologies will be considered?

Any technologies that can deliver a zero emission solution will be considered. This can include the use of a battery or a fuel cell or zero emission fuels such as hydrogen.

How many projects will be funded?

MSIP expects to fund between 5 and 10 projects.

What size of projects will be considered?

A *minimum* total project value of £6,000 will be considered.

MSIP expects to provide a grant contribution of up to a maximum of 80% of eligible project costs, equivalent to a contribution of up to £5,000 per project.

No VAT will be payable.

Participants are expected to make a *minimum* contribution of at least 20% to each project in cash or in-kind.

When will projects start?

It is expected that projects will start as soon as possible after the assessment and contracting stage and by no later than mid-October 2021. Full Terms and Conditions of Funding can be found [here](#).

Contact us

If you have any enquiries, please email MSIP at info@msipdundee.com and include "Innovation Challenge 1" in the Email subject line.



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