



**Designed by  
industry.  
Made real by  
innovators.**

Get set for the future. **Now**

**MADE  
SMARTER**  
INNOVATION

SUSTAINABILITY  
ACCELERATOR

**MADE  
SMARTER**

INNOVATION

SUSTAINABILITY  
ACCELERATOR

[accelerator.madesmarter.uk](https://accelerator.madesmarter.uk)

*Delivered by*

**CATAPULT**  
Digital

**CATAPULT**  
High Value Manufacturing

*Funded by*



UK Research  
and Innovation



## Drive Manufacturing Towards Net Zero.

The manufacturing sector contributes **over 11% to UK GVA** and **12% of UK GHG emissions**. Policy makers set out a **target reduction of CO<sub>2</sub> emissions by 4.5%** (Made Smarter, 2017) and a legally binding target of **68% reduction in GHG emissions by 2030** (Net Zero Strategy).

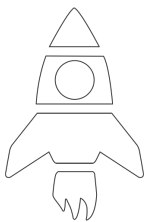
There is **an urgent need to transition manufacturing towards net zero**.

# The Challenge.

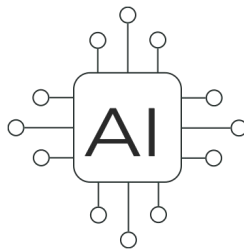
## Adopting Advanced Digital Technologies for Net Zero.

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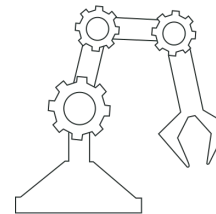
UK manufacturers recognise the critical role played by Industrial Digital Technologies (IDTs) in addressing their sustainability targets.



The UK has the **strongest technology & digital SME ecosystem** in Europe.



Advancement & adoption of **AI** holds **huge potential to deliver sustainability** for manufacturers.



However, adoption of IDTs can be **a lengthy and costly process** and only a few UK digital technology growth companies are **focused on industrial applications.**

# Made Digital. Made Innovative. **Accelerating Industrial Sustainability.**

Made Smarter Innovation Sustainability Accelerator is a national programme designed for the **UK manufacturing industry**.

It provides UK manufacturers the opportunity to **fast forward their adoption of digital solutions that deliver Resource Efficiency and Energy Efficiency (REEE)**.

Funded by **UK Research & Innovation (UKRI)** through the **Industrial Strategy Challenge Fund**, as part of the Made Smarter national initiative. It is delivered by **Digital Catapult** and **High Value Manufacturing Catapult**.

## **Designed for industry**

Manufacturing organisations scope and define real industrial sustainability challenges.



## **Made real by innovators**

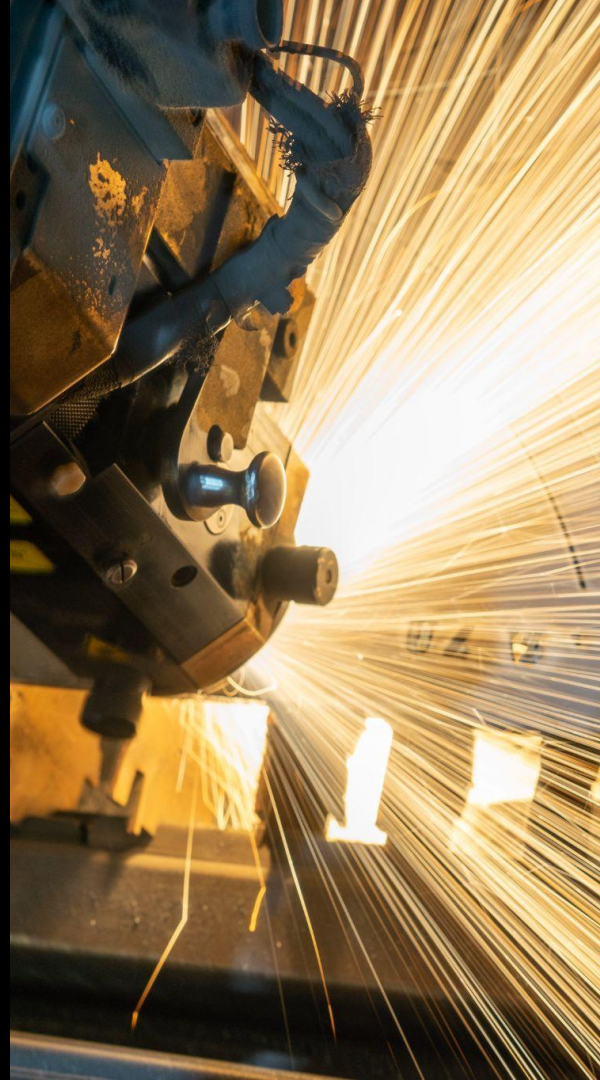
UK's powerful technology community creates cutting-edge prototypes and pilots addressing real industrial sustainability challenges.

# Designed for Industry.

## Who Should Join?

Targeted towards **UK-based manufacturing industry** that:

- Have a strong commitment around **sustainability**.
- Have **availability and maturity** in their use and management of **data** around sustainability challenges.
- Who understand that **advanced digital technologies** have a major role to play.
- Believe an effective solution will come from a **collaborative approach between SMEs and large industrial organisations**.
- Are willing and ready to start **innovation and experimentation**.



# Made Smarter Innovation: Sustainability Accelerator

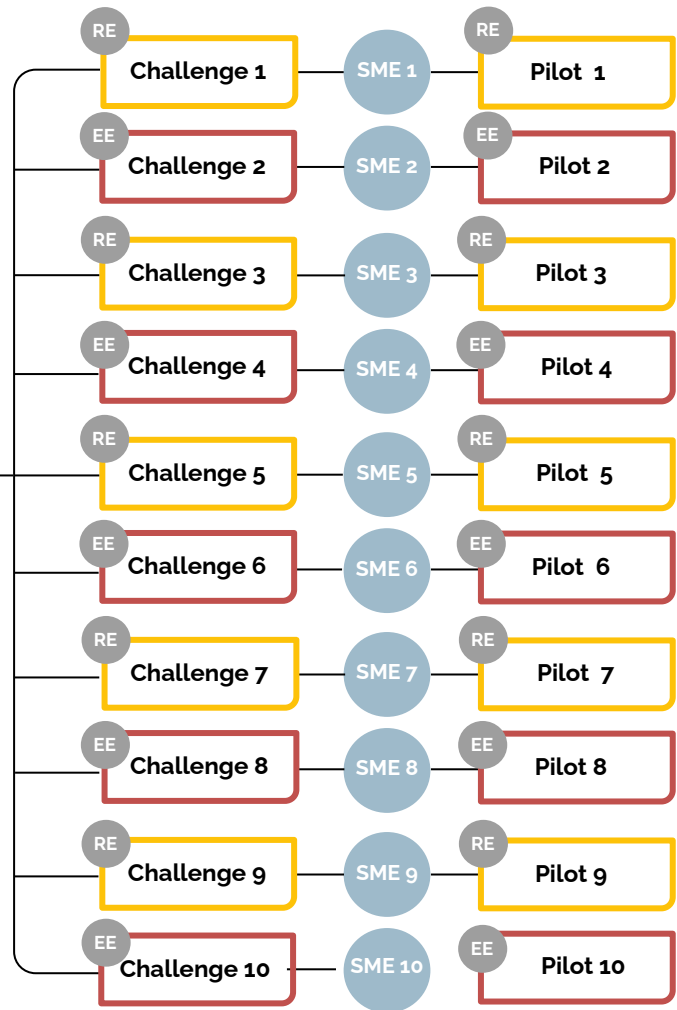
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**10** Business Challenges

**10** SMEs

**10** Pilots

**Industrial  
Partners**



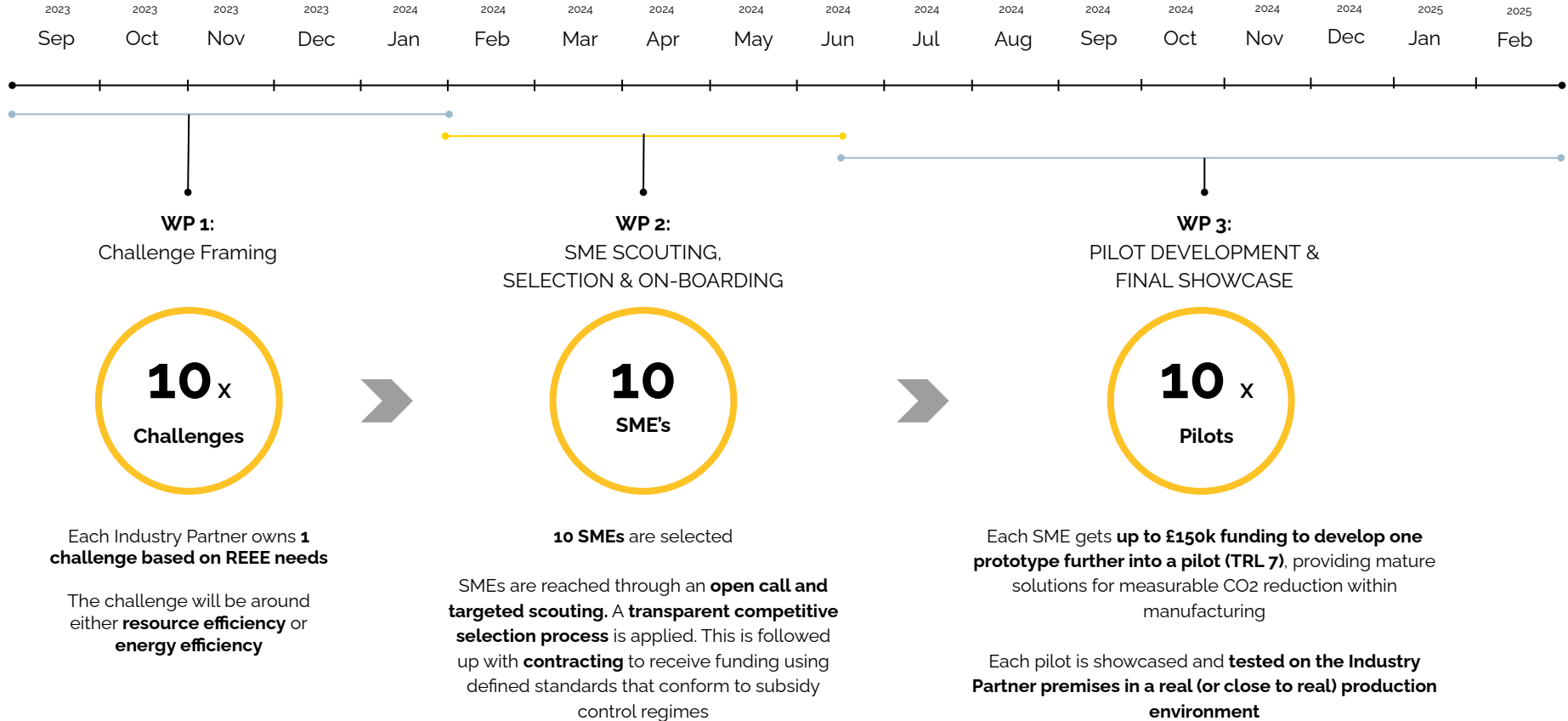
KEY:

RE - Resource Efficiency

EE - Energy Efficiency

# How it is Delivered.

The Sustainability Accelerator runs over **18 months** and consists of **3 work packages**

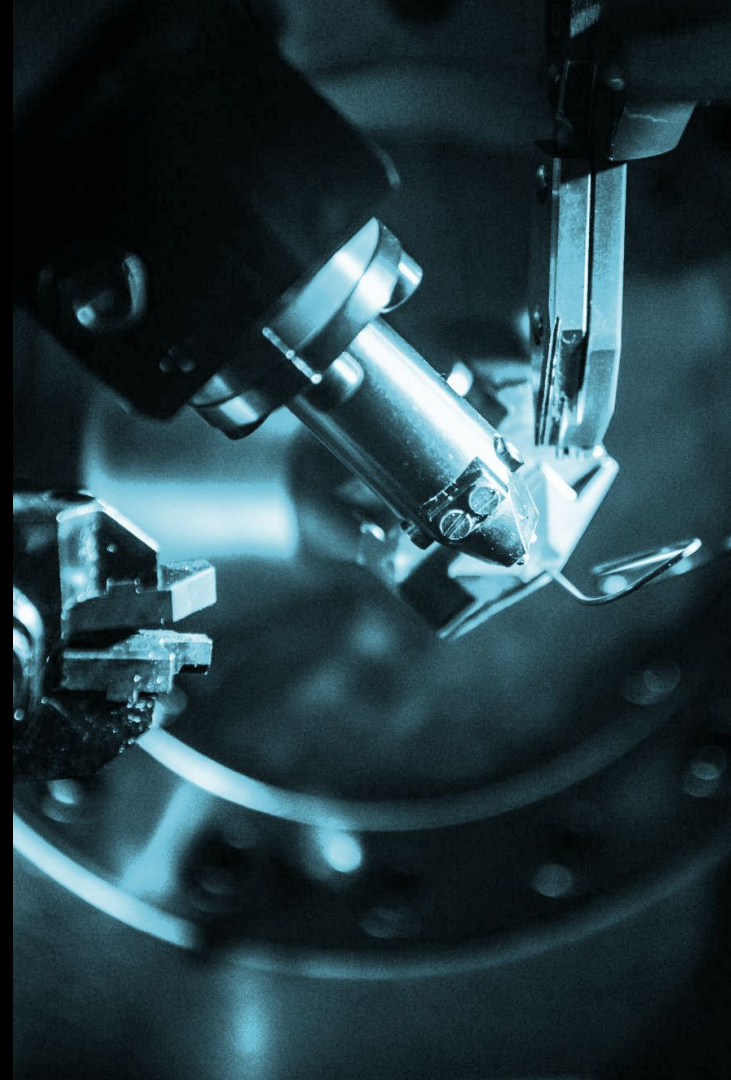




# Benefits.

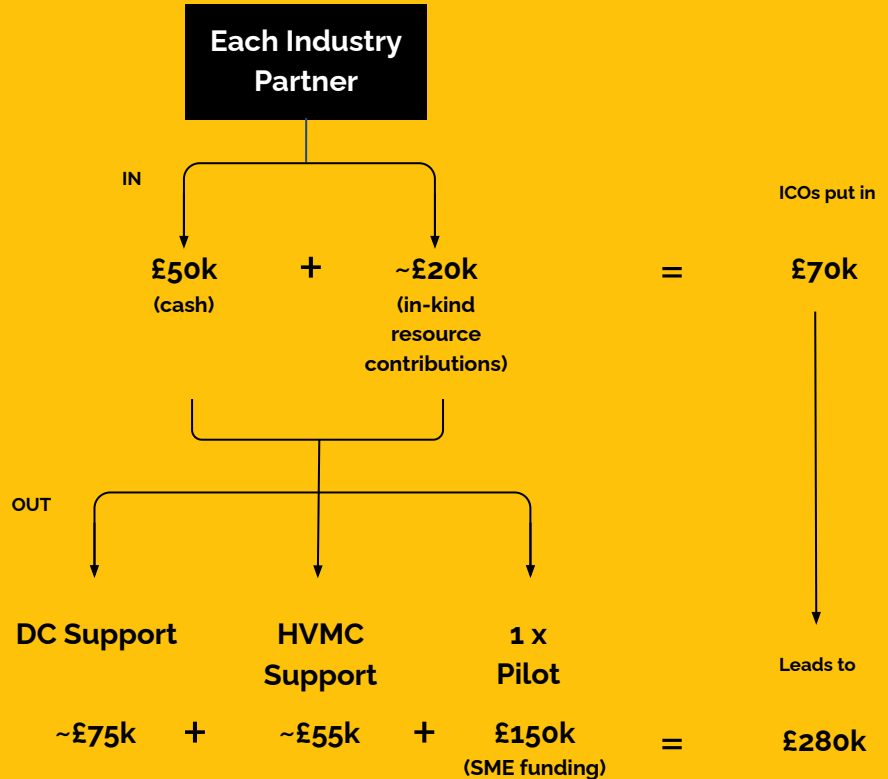
## As an Industry Partner.

- Directly **address your current and future industrial challenges** that deliver **Resource & Energy Efficiency (REEE)**.
- Benefiting your business through **improved productivity and costs reduction** (labour, materials, energy & other resources).
- **Driving down real world carbon emissions**, within the project lifetime.
- It will ensure high quality, impactful solutions that can utilise AI and other digital technologies that **maximise the value of your data**.
- You will create a **culture of innovation** within your organisation, enabling **new digital strategies and technology roadmaps**.
- You will become a **leading market innovator**, developing new opportunities and partnerships through premium branding, visibility and press release inclusion.



# The Sustainability Accelerator Is Value for Money.

By investing **£50k** you get **£280k** value



A dome-like structure made of sticks, with light rays emanating from the top, creating a bright, glowing effect. The sticks are arranged in a radial pattern, and the light rays are a bright, glowing blue-green color. The background is dark, making the light rays stand out.

# Useful Resources.

**[Industrial Decarbonisation Strategy](#)**

**[Made Smarter Review](#)**

**[Made Smarter Technology Accelerator](#)**

**[Made Smarter Innovation](#)**

**[Digital Catapult](#)**

**[High Value Manufacturing Catapult](#)**

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High Value Manufacturing



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and Innovation

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