

greenSME

Driving manufacturing SME transformation
towards green, digital and social sustainability

greenSME

TEKNIKER

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the European Union

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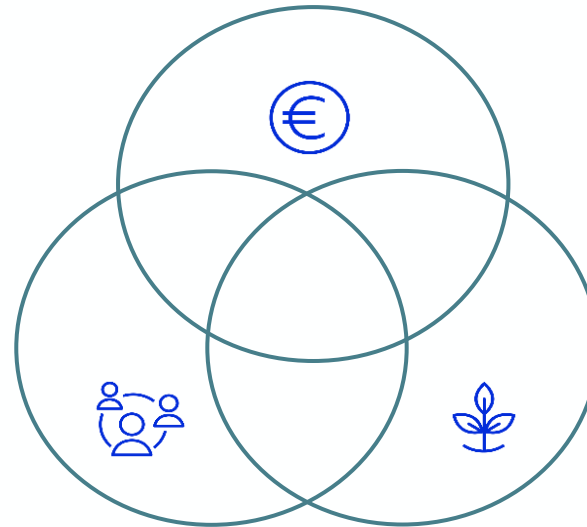
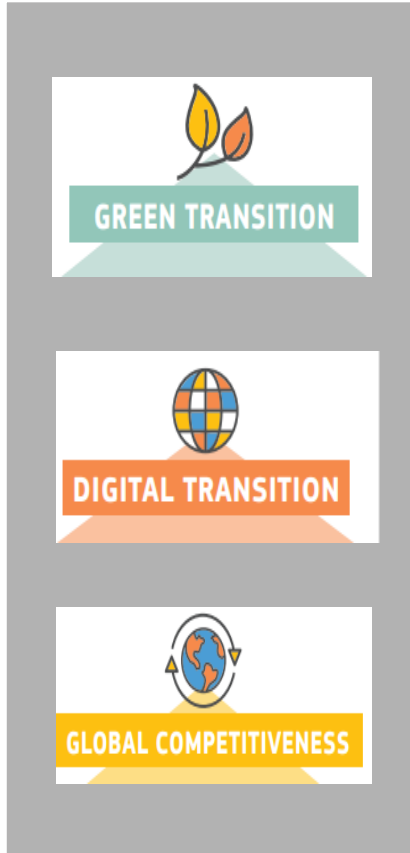
4 Open call



1 | greenSME

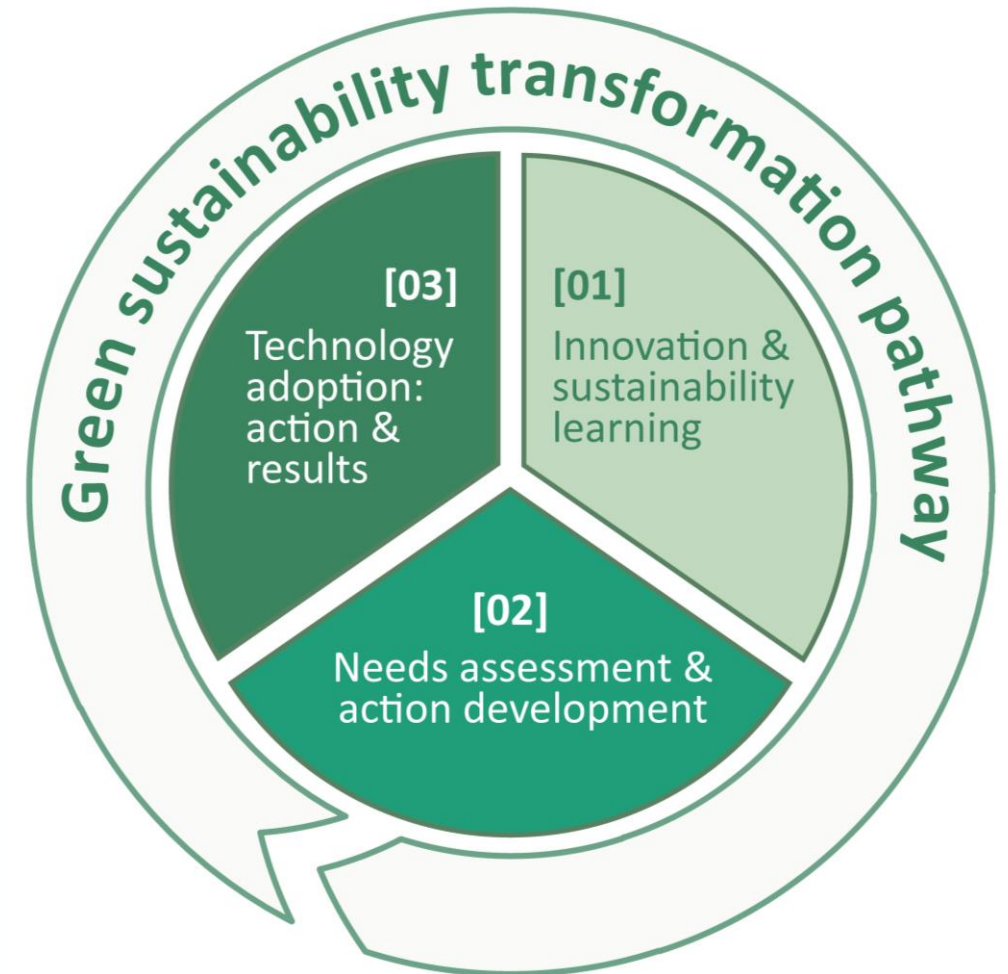
Sustainable manufacturing

- + **Advanced technologies** together with **social science** will be the driver for the required green and digital transformation.
- + **3 pillar-based sustainability**



MAIN GOALS

- Mentor and support advanced technology adoption by **manufacturing SMEs** for economic, social and environmental sustainability
- Strengthen **EU sustainable manufacturing ecosystem**. Clusters have a key role in fostering resilient, green and digital industrial ecosystems.



The green transition pathway

Manufacturing SMEs



Sustainability and
Technology Providers



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2.

**SME pathway to
Sustainability**

SME pathway to sustainability



- SME sustainability transformation pathway aims to foster manufacturing SMEs sustainability shift.

- The 3 main steps are:

1. **Sustainability Assessment**
2. **Advanced Sustainability Action Plan**
3. **Financial support through the Open Call.**

- The **Sustainability Assessment Tool** has been developed as a web-based self-assessment questionnaire, accessible through the greenSME HUB platform

Sustainability assessment

Step 3 of 4 - 75%

43. Does your company collect data for the Life Cycle Assessment (i.e. energy, materials, water, waste)?*

- No
- Yes, with human intervention
- Yes, fully automated data integration
- In progress

Advanced Technologies Knowledge

44. Does your company use any of the following Advanced Technologies?*

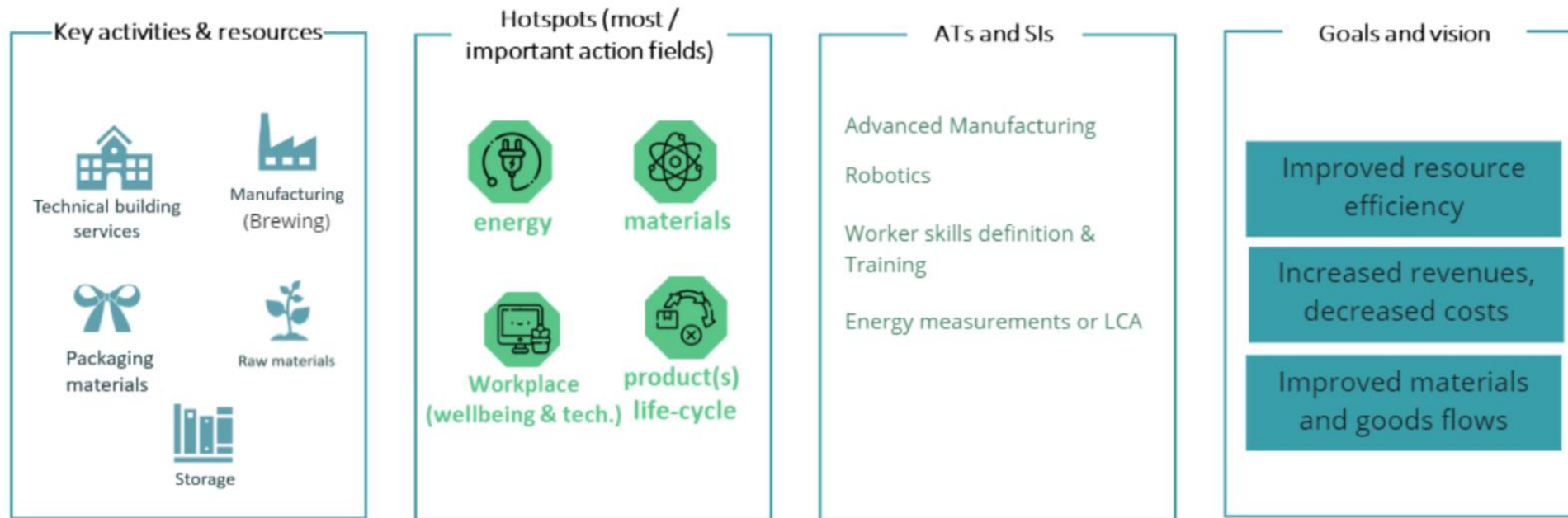
	No	Yes	Planning to use it	No, but would consider using it
Advanced Manufacturing Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Big Data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industrial Biotechnology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nanotechnology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Artificial Intelligence (AI)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Augmented/Virtual Reality (AR/VR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blockchain	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cloud Computing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Connectivity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

greenSME providers

- 1) General company information
 - Including (Sustainable) Business Models innovation
- 2) External Drivers for Sustainability development
 - Digitalisation / Globalisation / Climate Change / Stakeholders Requirements
- 3) Internal Management:
 - 3.1) Sustainability mngmt.
 - 3.2) Supply Chain mngmt.
 - 3.3) Energy mngmt.
 - 3.4) Materials mngmt.
 - 3.5) Environmental mngmt.
- 4) Company Digitalisation
 - IT tools / Interoperability / Data systems
- 5) Advanced Technologies knowledge
- 6) Environmental assessment
- 7) Social assessment
- 8) Economic assessment

Advanced sustainability action plan

Identified Hotspots



Eligible SME for the Open call

- **SME companies** with a workforce of 10 to 250 employees, turnover up to €50 million and/or balance sheet total up to € 43 million, located in the EU and which carry out industrial activities, services related to industry, the information and communications society and logistics
- **SME that have developed:**
 1. A greenSME sustainability assessment: [SAT](#)
 2. Advanced Sustainability Action plan (ASAP): Action Plan

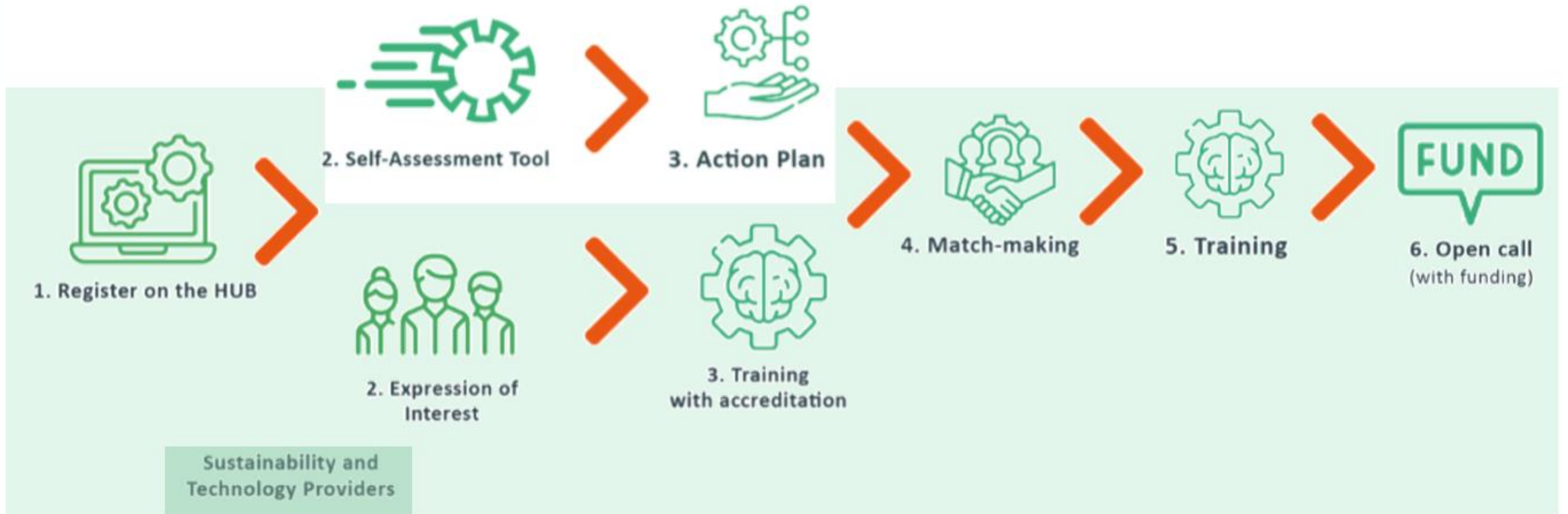




3.

**Providers
accreditation**

Manufacturing SMEs



Providers accreditation

- **SME companies** with a workforce of 10 to 250 employees, turnover up to €50 million and/or balance sheet total up to € 43 million, located in the EU.
- **Become accredited provider:**
 - **Guidelines** carefully before applying - <https://lnkd.in/dpnwVxbj>
 - Apply here: https://lnkd.in/gurGQ__v

Elegible providers

The providers are both private and public organisations, that have verified experience:

+ Advanced Technology providers

Advanced Manufacturing	Blockchain	Micro & Nano-electronics
Advanced Materials	Cybersecurity	Mobility
Artificial Intelligence	Cloud computing	Nanotechnology
Augmented/Virtual reality	Connectivity	Photonics
Big Data	IoT	Robotics
Industrial Biotechnology		

+ Social innovation and sustainability expert providers

Business Model Revision for sustainability	Workers' skills definition	Measuring carbon footprint
Sustainability certifications	Other sustainability services	

Providers role

The Provider shall support the SME that selected the provider in:

- Analyzing the action proposed by the SME;
- Assessing the approach to implement the action (see list of approaches below);
- Preparing the proposal for the GreenSME call for proposals;
- Implementing the action after it has been qualified for financing;
- Reporting the results of the action.





5



Open call

Participants

Project partners

- + **One industrial SME per project**

- + **Maximum of two providers.**

Advanced technology and/or service (social innovation and /or sustainability) providers by project.

SME may carry out a maximum of 2 project.

Elegible actions

The Provider shall agree with the SME upon one or more of the following **actions / type of projects** to be included in the proposal:

- ✓ **Feasibility study:** markets / planning / risks / implementation costs / finance / ROI
- ✓ **Prototyping:** new product/service design, simulations, 3D printing, ...
- ✓ **Pilot testing:** small-scale study, ...
- ✓ **Demonstrating:** mock-up, ...
- ✓ **Consultancy services:** Business model, LCA, Carbon footprint, ISO 14001, energy saving, water/waste mng. & recycling, EcoDesign, innovation, ...
- ✓ **Coaching services:** Identity, skills, training, transformation process, economic/financial advice, technological support, ...
- ✓ **Definition and/or adaptation of business processes:** Strategy + governance, HR, value/supply chain + logistics, marketing, compliance, reporting, ...
- ✓ **Use testing facilities:** Free access and support
- ✓ **New IT solutions:** Planning/configuration/programming/training - not HW supply

❖ **Project duration: 6 months**

Funding conditions

+ LUMP SUM

The **maximum amount to be granted to each SME is 35.000€ per project**

(according to the applicants' request, but limited to a pre- defined threshold)

- 10k€ for the SME
- 25k€ for the technology and services providers.

SME will receive the financial support at the end of project and after positive check by GreenSME.

AT Providers will be receive the funding in two instalments:

- First payment due at month two (50% payment) and
- 50% final payment, subject to conditions described in the open call document.
- *In case the project is supported by 2 AT providers, (namely on different topics), **the SME and providers will decide how to distribute the % of the funding.** The distribution must be described in the proposal*

Timing

Open call calendar

➔ The 2 open call for SMEs will open on May 2024.