

Liaising SMEs with Key Enabling Technology Centres across Europe

Project coordination:

Dr. Kristin Dallinger | Steinbeis zi

Dr. Anastasiia Konstantynova | Steinbeis zi



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 777441

Project Identity: KET₄Clean Production/ KET₄CP

Funding programme:

- CSA No 777441 under H2020-INNOSUP-03-07-08-2017 Technology services to accelerate the uptake of advanced manufacturing technologies for clean production by manufacturing SMEs

Project runtime:

- 01/2018 – 01/2021

Project budget:

- EUR 4,89 Mio including EUR 2,00 Mio third-party funding

Project goal

- Pan-European access for manufacturing SME on technology services for clean production through a network of premier KET Technology Centres with one-stop-shop access incl. Enterprise Europe Network (EEN) and discourse with policy makers on regional innovation strategy (RIS3)

KET4CP Consortium

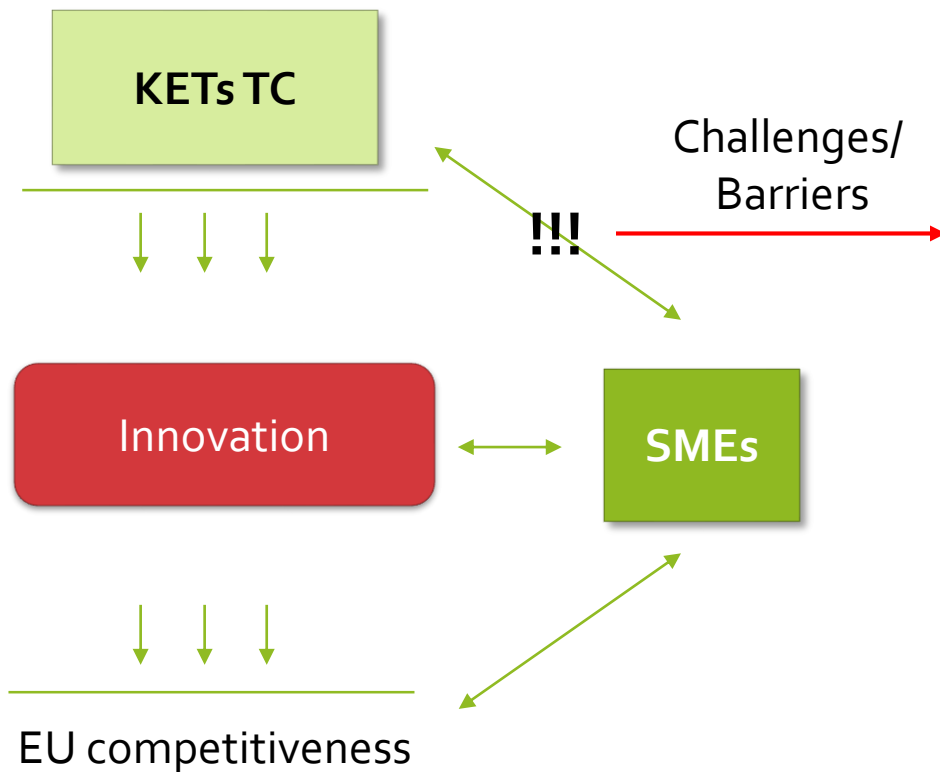
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No	Participant organisation name	Type	Country
1	Steinbeis 2i GmbH – S2i	EEN	Germany
2	Acondicionamiento Tarrasense Associacion – LEITAT	KET TC	Spain
3	Warwick Manufacturing Group – WARWICK	KET TC	United Kingdom
4	Rise ACREO – Acreo	KET TC	Sweden
5	Hahn-Schickard-Gesellschaft für angewandte Forschung e.V. – HSG-IMIT	KET TC	Germany
6	Joanneum Research Forschungsgesellschaft mbH - JOANNEUM	KET TC	Austria
7	Tyndall National Institute – Tyndall	KET TC	Ireland
8	International Iberian Nanotechnology Laboratory – IIL INL	KET TC	Portugal
9	Teknologian Tutkimuskeskus VTT Oy - VTT	KET TC	Finland
10	CEA Liten – CEA	KET TC	France
11	Bio Base Europe Pilot Plant vzw – BBEP	KET TC	Belgium
12	Fraunhofer-Institut für Produktionstechnik und Automatisierung – Fraunhofer	KET TC	Germany
13	Bay Zoltán Nonprofit Ltd. For Applied Research – BZN	KET TC/EEN	Hungary
14	Jožef Stefan Institute – JSI	KET TC/EEN	Slovenia
15	GIS Transfercenter Foundation – GIS	EEN	Bulgaria
16	PRAXI Network – FORTH	EEN	Greece
17	Væksthus Hovedstadsregionen – VHHR	EEN	Denmark
18	Latvian Technological Center – LTC	EEN	Latvia
19	Slovak Business Agency – SBA	EEN	Slovakia
20	TERA Tehnopolis – TERA	EEN	Croatia



Context and EU challenge



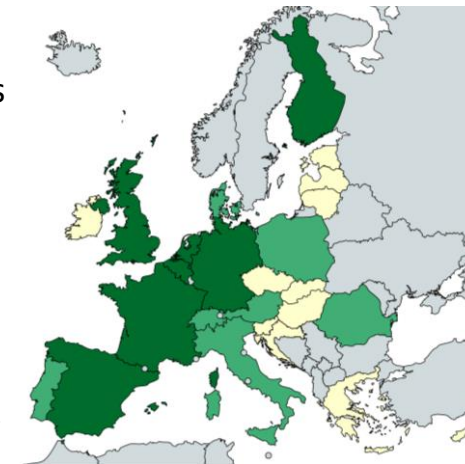
1. SMEs

- Lacking knowledge of the potential of KETs and their conjoint effects;
- Avoid changes in production using KETs they cannot test or fully understand;
- Lack access to KETs technology infrastructures and services in many European regions

2. KETs Technology Centres

- High disparities of KETs services across Europe (Ref. EU's official mapping of KETs service providers for TRL 4 to 8 support activities*)

Note: such as proof of concept, demonstration, prototyping, pilot production and demonstration/ pilot lines/pre-series and product validation.
Map: dark green >10, green between 5 & 10, yellow <5 ©created mapschat.net



Technologies

- Advanced manufacturing technologies and related key enabling technologies (KET) can upgrade production processes of manufacturing SMEs towards resource- and energy efficiency.

Open Innovation

- Clean production innovation has the potential to increase product quality, productivity and environmental performance and thereby enhance SMEs' competitiveness.

Access

- SMEs' access to technology services offered by KETs Technology Centres (KETTC) remains heterogeneous across the different regions of the European Union and its potential is not fully exploited yet.

- **Fostering the use** of advanced manufacturing technologies and related **key enabling technologies** by **SME** to upgrade their **production processes** towards resource- and energy efficiency and sustainability
- **Creating an open innovation ecosystem** with a **one-stop-shop** for EU manufacturing SMEs facilitating **cross-border access to innovation services** through a network of premier KET Technology Centres in **clean production**.

KET4CP Approach

Manufacturing SMEs

- Stimulate manufacturing SMEs throughout Europe to increase their understanding and interest in clean production and the potential in adopting KETs

KET4CP Platform

- Build the **KET4CleanProduction platform** for Europe with specific awareness measures on regions where KET access is still not satisfactory

Multi-KET service

- Help SMEs benefit from **multi-KET service** know-how and infrastructure

- Micro- and Nanoelectronics
- Nanotechnology
- Industrial Biotechnology
- Advanced Materials
- Photonics
- Advanced Manufacturing Technologies

Cross-border potential

- Unlock the **cross-border service potential** of EU-certified KETs Technology Centres on clean production

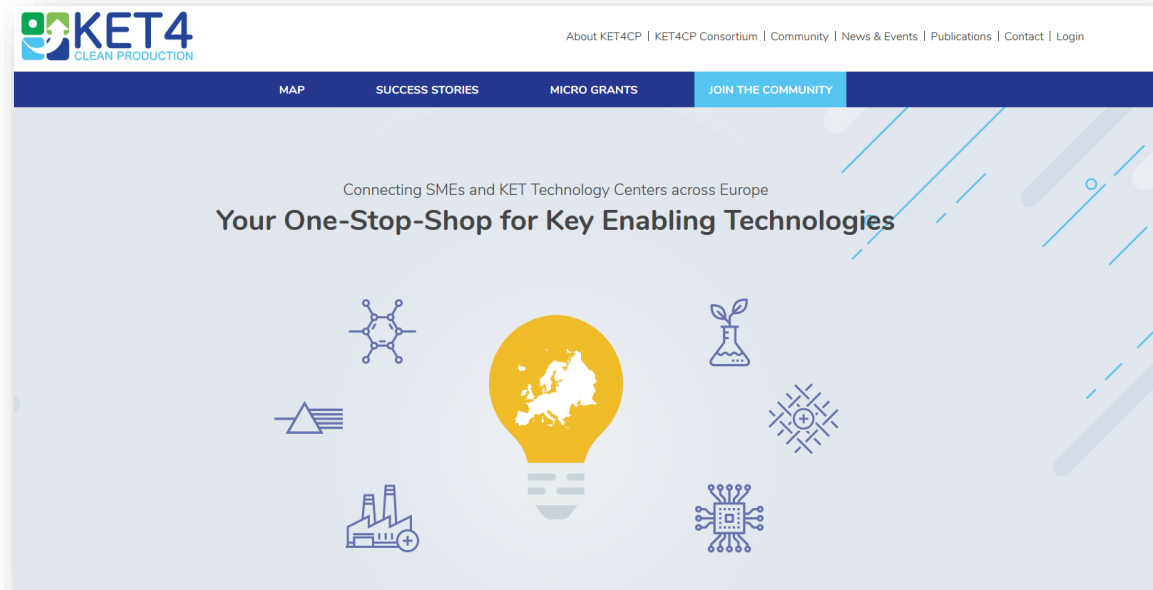
Sustainable eco-system

- Create a **sustainable ecosystem** – one-stop-shop acting as single access point for EU manufacturing SMEs

Micro-grant schemes

- Implement a **micro-grant scheme** boosting clean production in SMEs through KET applications

KET4CP platform: your one-stop-shop in clean production



www.ket4sme.eu

- informs about **opportunities** for transnational collaborations of SMEs with service providers for KETs across Europe
- serves as a **matching tool** linking manufacturing SMEs with key enabling technology experts
- offers SMEs a platform to submit a Technology Request to **find** a KETs TC matching their needs
- **awards** SMEs across Europe with 50.000 € to kick-start their collaboration with international KETs TCs

Open Call for Micro Grants



Scope:	Cross-border cooperation projects 1 SME + min. 2 KETs technology centres (KET TCs) integrate KETs to solve clean production challenges.
Call opening:	1 Jun 2018
Call closing:	29 Apr 2020, 17:00 CET
Cut-off dates:	8 cut-off days at 17:00 CET every 3 months (first 31 Jul 2018)

www.ket4sme.eu/micro-grants

Expected duration of a micro grant project:	up to 6 months
Total EU funding available for third parties:	EUR 2.000.000
Financial support for each third party:	EUR 50.000 (lump sum)

Open Call for Micro Grants



www.ket4sme.eu/micro-grants

Type of activities: Integration of AMT and combination of **multiple key KETs**

seeking for one or several of the following **clean production objectives**:

- the development of new production processes
- the improvement of the manufacturing of existing products by reducing
 - production costs; or
 - reliance on raw materials; or
 - consumption of energy; or
 - generation of waste and pollution

Technology services:

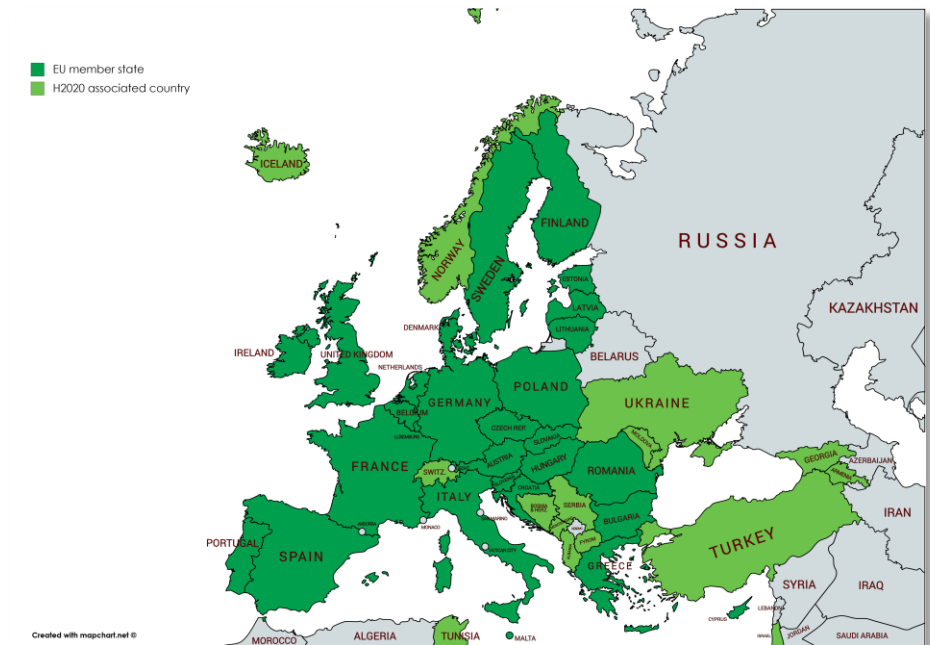
- research and innovation activities (TRL 4 to 8; focus on higher TRLs)
including f.ex. demonstration, testing, pilot production and related engineering activities; complemented by feasibility studies

Eligibility Criteria for Micro Grants

- Detailed information on the eligibility criteria are listed in the [Guide for Applicants](#)
- Main criteria:
 - The applicants must be **1 SME**, compliant to the EU definition (< 250 employees, < EUR 50 Mio turnover/a).
 - The SME must be located in one of the EU member states or [H2020 associated countries](#).
 - The applicant SME must be a single company, not a consortium.
 - The SME must explicitly select **2 KET TCs** that are registered
 - on the [European Commission's DG Growth KETs TC map](#) and
 - on the [KET4CP map](#) before submitting a micro grant proposal
 - Min. 1 of the KET TCs within a micro grant proposal must be located in another member state than the applicant SME.
 - Co-financing of **30%** must be ensured by the applicant SME (Declaration of Honor).

Guide for Applicants

https://www.ket4sme.eu/wp-content/uploads/2018/05/6_KET4CP_Guide-for-Applicants.pdf



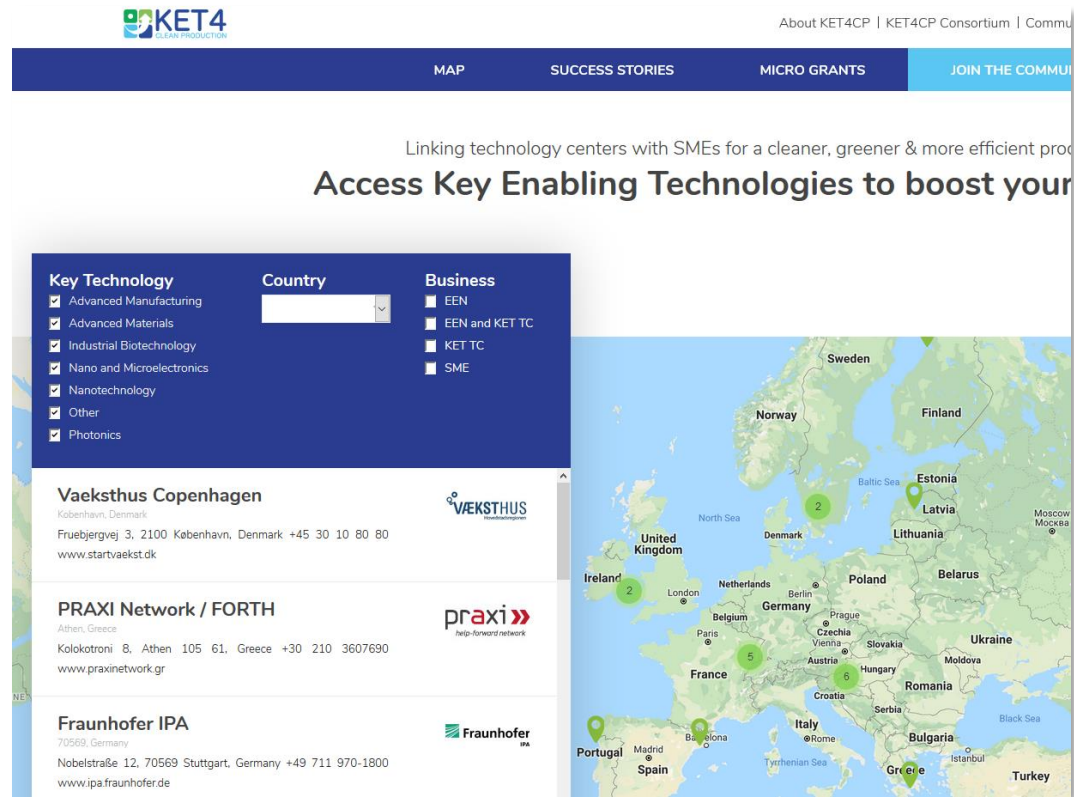
Procedure to apply for a Micro Grant



The Technology Request Form is a document from KET4 CLEAN PRODUCTION. It contains sections for company details, type of company, and contact information. The form is titled "Technology Request Form" and includes a KET4 logo. The sections are: 1. Company details (Company name, Address, City, Country, Year established, URL), 2. Type of Company (Micro (< 10 staff members), Small (> 10 staff members), Medium (> 100 staff members), Large (> 250 staff members)), 3. Name of contact person, 4. Function / Position, 5. Department, 6. Languages spoken, 7. Phone, 8. e-mail.

The Micro Grant Proposal form is a document from KET4 CLEAN PRODUCTION. It contains sections for company details, type of company, and contact information. The form is titled "Micro Grant Proposal" and includes a KET4 logo. The sections are: 1. Company details (Official name of company, Official legal form of company, Name of contact person, E-mail address of contact person, Telephone number of contact person, Official address of company, VAT registration number, Country), 2. The following KET technology (KET TC) has been chosen to implement the project (KET TC), 3. Lead KET TC name (Address, Country, Contact person, Telephone number, E-mail address), 4. KET TC name (Address, Country, Contact person, Telephone number, E-mail address), 5. Title of Technology Request submitted previously (if applicable), 6. Project title, 7. Objectives of the project.

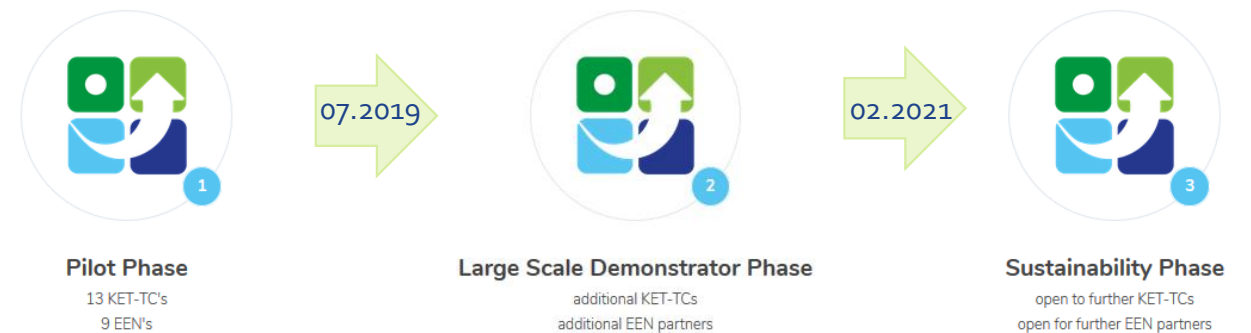
KET4CP platform: your one-stop-shop in clean production



KET4CP's ambition is to establish a growing **open innovation ecosystem** by interconnecting **three main stakeholder groups** to develop innovative solutions for cleaner production processes across Europe:

- Manuf. Small and Medium-sized Enterprises (SMEs)
- KETs Technology Centres (KETs TCs)
- Enterprise Europe Network (EEN) partners

After a pilot phase, starting in **07/2019**, the network is scaled up adding further KETs TCs and EEN partners



KET4CP platform: Five reasons to join

- ✓ Become part of a strong, **international network** on KETs.
- ✓ Profit from a **single access point** for cross-border innovation service in clean production.
- ✓ Stay informed about news on **micro grants** for transnational KET projects.

KETs Technology Centres

- Discover new business opportunities in Europe
 - Create your services profile
 - Access potential SME clients
 - Discover cooperation partners
- Unlock new cross-border service potential by collaborating with other TCs
- Benefit from a matching tool linking manuf. SMEs to your service portfolio
- Get better through collaboration with other TCs
- Explore innovative solutions through multi-KET approach

Small & Medium-sized Enterprises

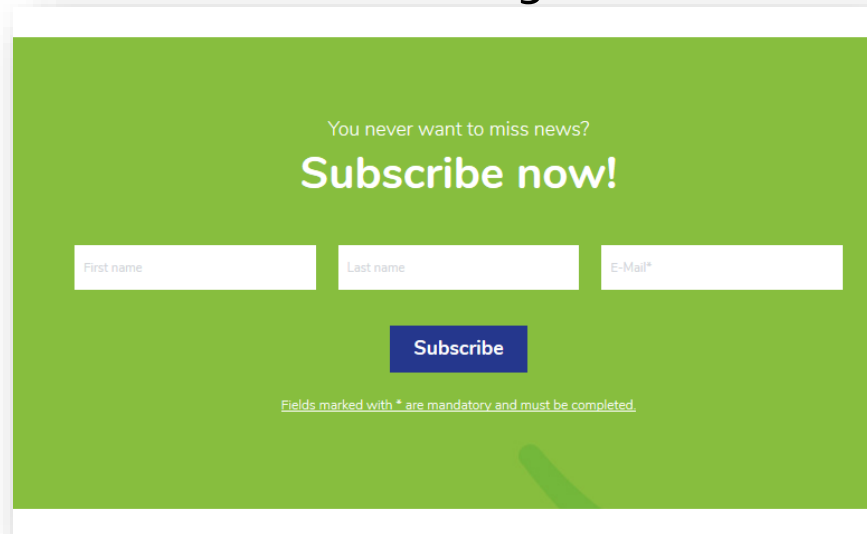
- Learn how to make your production processes more resource- & energy-efficient through KETs
- Find a technology expert matching your production needs
 - Submit a technology request
 - Submit a micro grant proposal
- Obtain a micro grant to kick-start a cross-border innovation project
- Increase your business performance
- Stay sustainable, innovative and competitive.

Enterprises Europe Network (EEN) Partners

- Stay informed about opportunities for transnational collaborations EU-wide
- Link your local manufacturing SMEs with the best matching KET expert
- Access funding for SMEs across Europe promoting the use of advanced manufacturing and key enabling technologies
- Access best practices on how SMEs can benefit from multi-KET service know-how and infrastructure
- Benefit from a matching tool linking manufacturing SMEs with KET technology centres cross-borders

How to get in touch

Sign up to stay informed
about news on micro grants

A screenshot of a green web form for subscribing to news. The text "You never want to miss news?" is at the top, followed by "Subscribe now!". Below this are three input fields: "First name", "Last name", and "E-Mail*". A blue "Subscribe" button is centered below the fields. At the bottom, a small note states "Fields marked with * are mandatory and must be completed." data-bbox="71 321 409 691"/>

You never want to miss news?
Subscribe now!

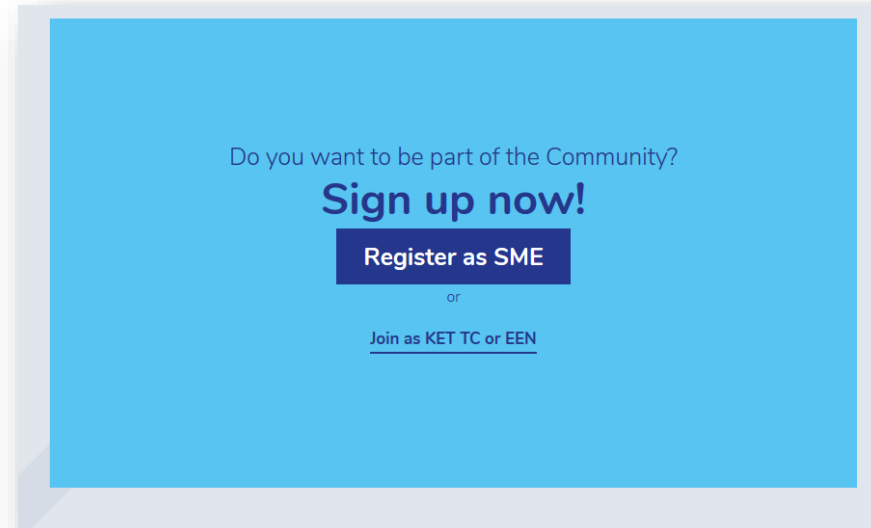
First name Last name E-Mail*

Subscribe

Fields marked with * are mandatory and must be completed.

<https://www.ket4sme.eu>

Become part of the community and/or
apply for a micro grant?

A screenshot of a blue web form for community registration. The text "Do you want to be part of the Community?" is at the top, followed by "Sign up now!". Below this is a blue button labeled "Register as SME". Underneath the button is the word "or", followed by a link "Join as KET TC or EEN". data-bbox="513 325 853 691"/>

Do you want to be part of the Community?
Sign up now!

Register as SME

or

[Join as KET TC or EEN](#)

<https://www.ket4sme.eu/join-the-community/register>

Contact

✉ info@ket4sme.eu

Dr. Kristin Dallinger (Project Coordinator)
Steinbeis 2i GmbH

✉ dallinger@steinbeis-europa.de

☎ 0049-711-123-4049



Stay in contact!



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