



Smart4Europe2 Catalysing Digitisation throughout Europe

Deliverable 1.2

Report on Marketplace

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¹ R=Report, DEC= Websites, patents filling, Ethics, ORDP: Open Research Data Pilot, etc., O=Other

² PU = Public, CO = Confidential, only for members of the consortium (including the Commission Services)

Acronyms Listed in Document	
CSA	Coordination and Support Action
DIH	Digital Innovation Hub
DoA	Description of Action
EC	European Commission
IA	Innovation Action
H2020	Horizon 2020
KPI	Key Performance Indicator
RTO	Research and Technology Organisation
SME	Small and Medium-sized Enterprise
SAE	Smart Anything Everywhere
WP	Work Package

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Executive Summary

This document describes the Marketplace of Smart Anything Everywhere (SAE) that gathers the overall offer of the SAE initiative in one place and provides a “one-stop-shop” where interested stakeholders across Europe can find valuable information, synergies, opportunities and can easily connect with other actors of the SAE ecosystem.

The Smart Anything Everywhere Marketplace can be accessed at <https://saemarketplace.eu> and via the SAE Innovation Portal <https://smartanythingeverywhere.eu/services/>. It will complement and extend the range of information offered in the SAE Innovation Portal, which represents the entry point to the SAE Initiative for the interested audiences.

Specifically, two categories of services are envisioned in the SAE Marketplace: 1) SAE “Access to” services allow users to gather information about SAE technological, business and skills offerings and to be directed to the right SAE Innovation Action and provider; 2) SAE “Collaborate with” services enable dynamic interactions, social networking, and collaborative processes within the SAE community.

The SAE Marketplace is enabled by the DIHIWARE platform, an integrated innovation and collaboration platform developed within the MIDIH project. The platform is hosted by Fondazione Politecnico di Milano and customized according to Smart4Europe2’s requirements to support both “Access to” and “Collaborate with” services.

1 Vision and Goal of Smart Anything Everywhere Marketplace

Smart Anything Everywhere (SAE) aims at creating a pan-EU network of Digital Innovation Hubs (DIHs) in SAE technology areas. One of the main objectives of Smart4Europe2 is to support the pan-EU collaboration, actively make connection between actors from different regions and provide a network of DIHs and Competence Centres (CCs) that offer a variety of services and cross border support to companies – especially SMEs and mid-caps – willing to undertake a digital transformation process.

To support the achievement of this goal, Smart4Europe2 has been building an EU-level Marketplace (Figure 1) that gathers the overall offer of the SAE initiative in one place and provides a “one-stop-shop” where interested DIHs and stakeholders across Europe can find valuable information, synergies, opportunities and can easily connect with other actors of the SAE ecosystem. Moreover, the SAE Marketplace aims at sustaining the ‘honest broker’ role of SAE by facilitating exchange of information, access to services and collaboration among SAE DIHs and stakeholders in a trusted way.

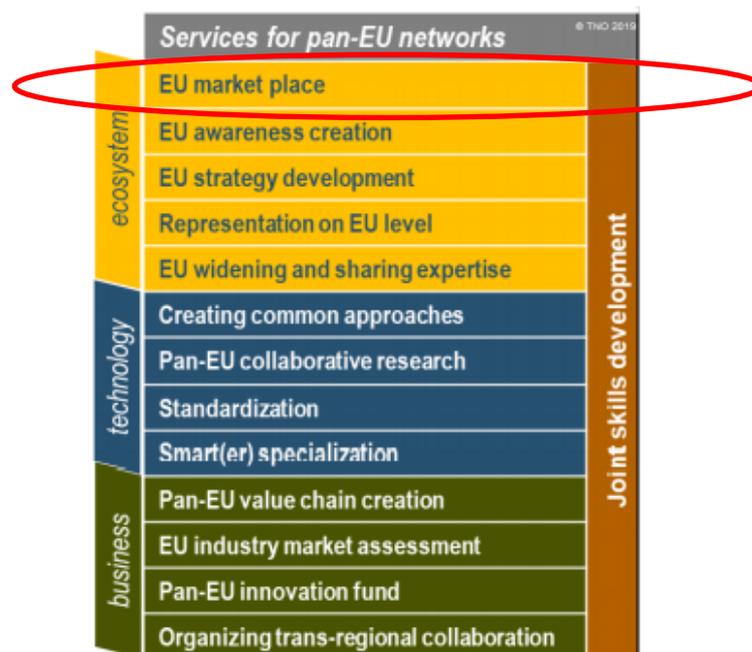


Figure 1 Possible services provided by pan-EU networks of DIHs (source: DIHNET, 2020)

2 SAE Marketplace architecture and content

The Marketplace of Smart Anything Everywhere is enabled by the DIHIWARE platform, an integrated innovation & collaboration platform developed by the MIDIH project (G.A. n° 767498; <http://midih.eu/>) and currently in use in many ecosystems in Europe. The platform is hosted by Fondazione Politecnico di Milano and customized according to Smart4Europe2’s requirements to support SAE services.

The SAE marketplace can be accessed by interested users at the following link <https://saemarketplace.eu> and via the SAE Innovation Portal <https://smartanythingeverywhere.eu>, which represents the entry point to the SAE Initiative for the interested audiences. Users of the SAE Marketplace can login into the DIHIWARE Platform with their credentials that are received by e-mail after registration. Once logged-in users can access all the spaces of the SAE Marketplace.

Leveraging on the communication on European Digital Innovation Hubs, where the European Commission identifies four main functions/service categories that are crucial to support companies – especially SMEs and mid-caps – in their digital transformation, the SAE Marketplace is structured into four main spaces: **1) Innovation ecosystem and networking, 2) Test before investing, 3) Skills and training, 4) Support to find investments**. The contents of these four spaces allow SMEs, DIHs and other interested stakeholders to find and/or provide useful information and “**Access to**” services related to:

- 1) “Innovation ecosystem and networking”. These services support the search and connection of different stakeholders of SAE initiative.
- 2) “Test before investing”. These services provide access to the important portfolio of SAE technologies, experimental facilities, methodologies and tools for digital transformation.
- 3) “Skills and training”. These services include upskilling and reskilling activities for workers and professionals offered by SAE Innovation Actions.
- 4) “Support to find investments”. These services are focused on SAE Open Calls and other funding opportunities.

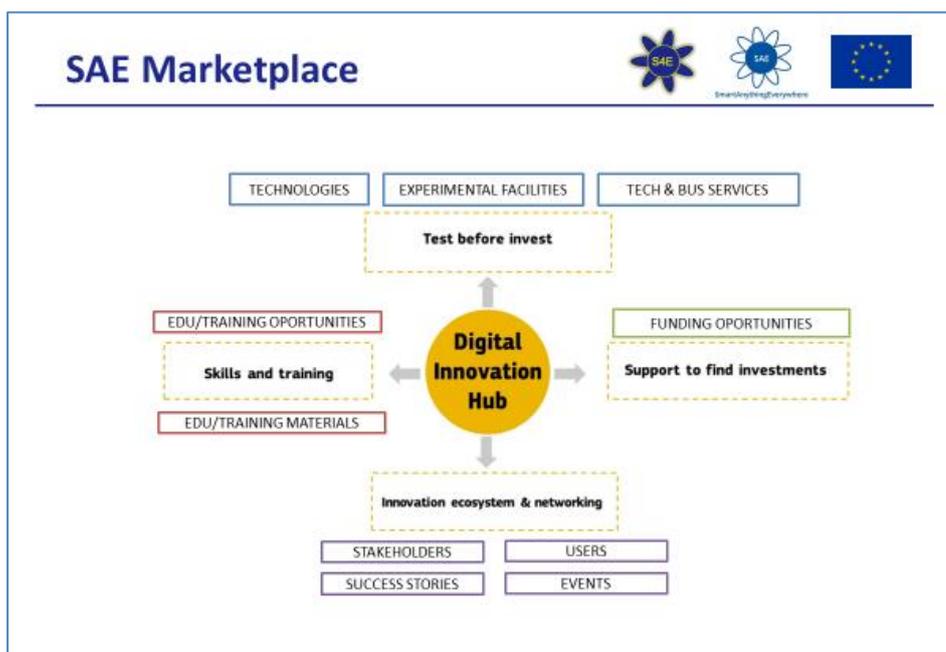
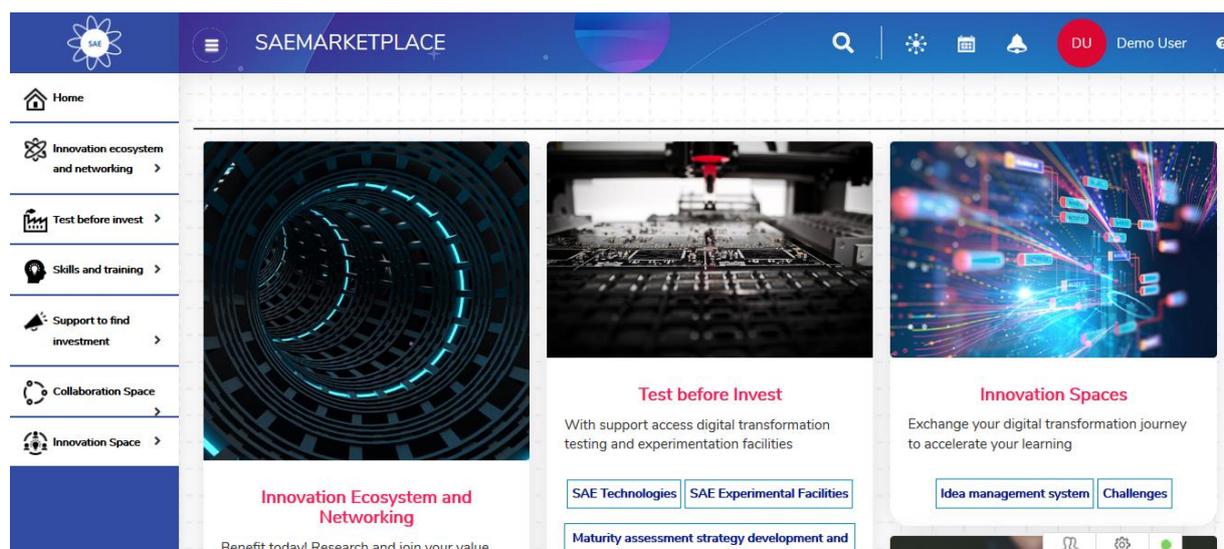


Figure 2 SAE Marketplace Catalogues and EDIHs’ functions
(source: adapted from European Commission, 2020)

Moreover, the four core spaces mentioned above are complemented by two “**Collaborate with**” service spaces enabling dynamic interactions, knowledge sharing and open innovation among the SAE marketplace users. Specifically, the two spaces are:

- 1) The “Collaboration” space, which offers each user the opportunity to share their expertise and interact with other individuals and organizations on specific topics of common interest (e.g., a technology or an application domain, DIHs, sustainability, etc.);
- 2) The “Open Innovation” space, which gathers a set of tools useful for users who want to share, ask for feedback, and validate their ideas with the community.

The home page of the Marketplace with the six spaces is shown in Figure 3, while the content of each of the spaces is detailed in the following paragraphs. At present, the SAE Marketplace has been populated with publicly available information from the SAE Innovation Actions. Moreover, SAE Innovation Actions have been already contacted to collect the description of their offerings according to the templates presented in the Annexes. The collected information is then uploaded into the online platform by Fondazione Politecnico di Milano.



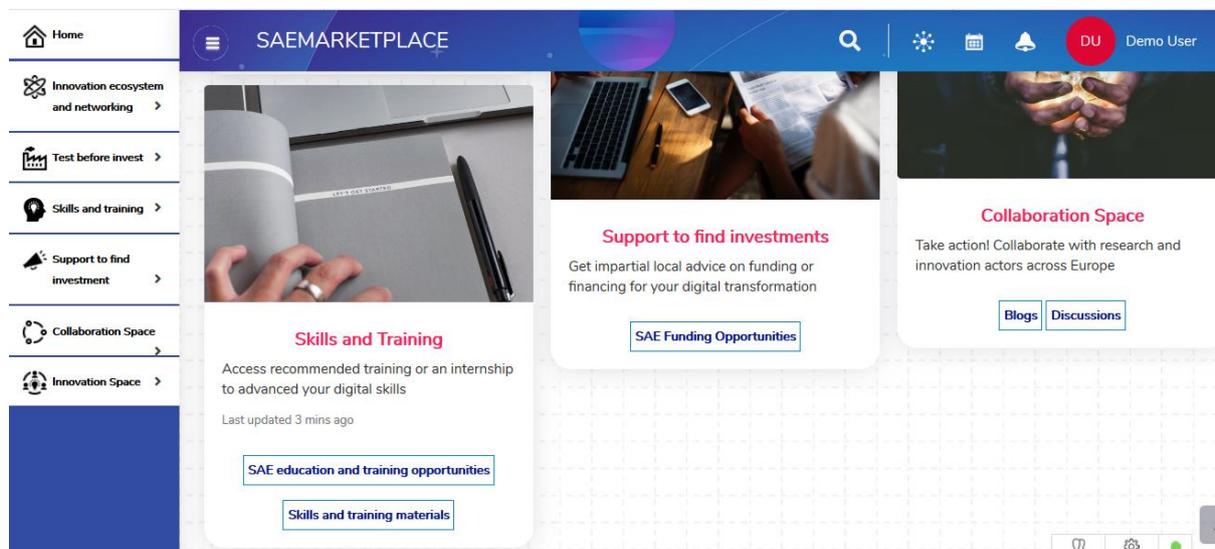
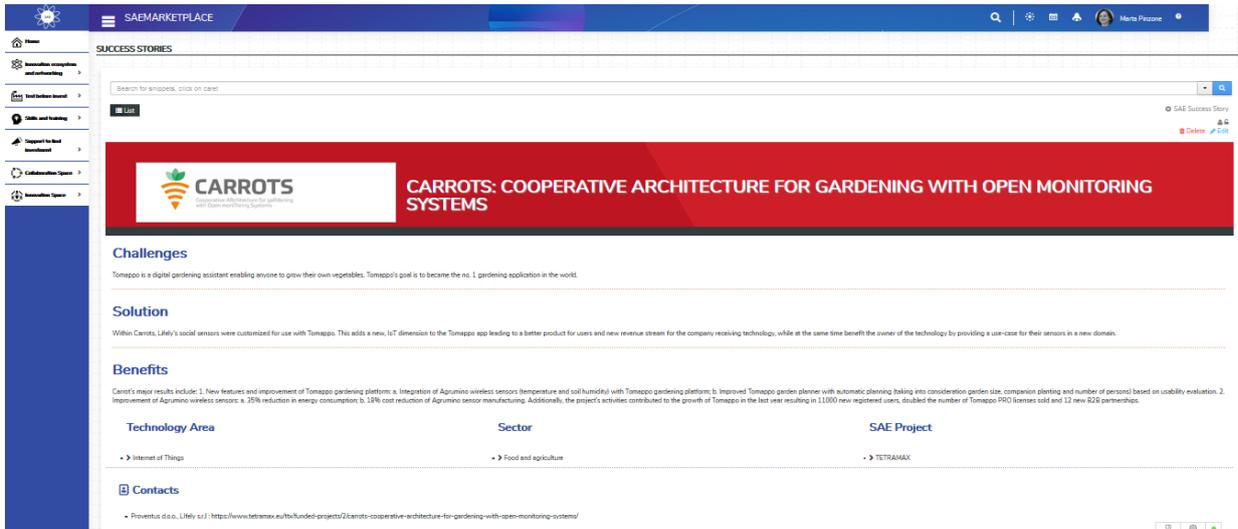


Figure 3 Home page of SAE Marketplace

2.1 The “Innovation ecosystem and networking” space

The “Innovation ecosystem and networking” space supports the search and connection of different stakeholders of the SAE innovation ecosystem and facilitate the matchmaking between companies and possible providers, as well as among different DIHs, thanks to:

- **Users catalogue:** a collection of the platform users, whose role, activities and expertise are described according to a predefined vocabulary.
- **Stakeholders catalogue:** a collection of different organizations described according to a predefined taxonomy including their core competences, domains of application and offering (see Annex 1 - Stakeholder Template). A special attention will be devoted to DIHs of the SAE ecosystem.
- **SAE Success Stories catalogue:** a showcase of successful SAE industrial cases. Companies that have implemented SAE technologies/services and have been successful in experiments are proposed as best practice examples for other companies with a lower digitalization level (see Annex 2 - Success Story Template).
- **Calendar of events:** this application allows users to stay up to date with important events organized by SAE and sister projects (e.g., I4MS), such as collaboration meetings, ecosystem building workshops, matchmaking and brokerage events, fairs/conferences to disseminate programme results, etc.
- **Matchmaking:** this application allows the creation of dedicated matchmaking sessions and the scheduling and management of 1-on-1 appointments between users based on their preferences and availability.



The screenshot shows the SAE Marketplace interface. The main content area features a success story titled "CARROTS: COOPERATIVE ARCHITECTURE FOR GARDENING WITH OPEN MONITORING SYSTEMS". The story is structured as follows:

- Challenges:** Tomapoo is a digital gardening assistant enabling anyone to grow their own vegetables. Tomapoo's goal is to become the no. 1 gardening application in the world.
- Solution:** Within Carrots, Lily's social sensors were customized for use with Tomapoo. This adds a new, IoT dimension to the Tomapoo app leading to a better product for users and new revenue stream for the company receiving technology, while at the same time benefit the owner of the technology by providing a use-case for their sensors in a new domain.
- Benefits:** Carrot's major results include: 1. New features and improvement of Tomapoo gardening platform; a. Integration of Agrumino wireless sensors (temperature and soil humidity) with Tomapoo gardening platform; b. Improved Tomapoo garden planner with automatic planning taking into consideration garden size, companion planting and number of persons) based on usability evaluation. 2. Improvement of Agrumino wireless sensors; a. 35% reduction in energy consumption; b. 12% cost reduction of Agrumino sensor manufacturing. Additionally, the project's activities contributed to the growth of Tomapoo in the last year resulting in 11000 new registered users, doubled the number of Tomapoo PRO licenses sold and 12 new B2B partnerships.
- Technology Area:** Internet of Things
- Sector:** Food and agriculture
- SAE Project:** TETRAMAX
- Contacts:** Proventus d.o.o., Lily s.r.l.; <https://www.tetramax.eu/its/funded-projects/2/carrots-cooperative-architecture-for-gardening-with-open-monitoring-system/>

Figure 4 Description of a Success Story from SAE Innovation Action

2.2 The “Test before invest” space

The “test before invest” space provides key information and access to the important portfolio of SAE technologies, experimental facilities and digital transformation methods and tools:

- **SAE technologies catalogue:** a structured collection and description of SAE products, prototypes and technologies (Figure 5) in the areas of Cyber-physical and embedded systems, Customised low energy computing powering CPS, IoT, Organic and Large Area Electronics (OLAE), Flexible and Wearable Electronics (FWE), Advanced micro-electronics components, Smart System Integration (see Annex 3 – Technology Template). Figure 6 provides an example of the description of a SAE technology that is available in the SAE Marketplace.
- **SAE Technological infrastructures and Experimental Facilities catalogue:** a list of SAE infrastructures and facilities offering experimentation, testing and validation environments for new technological solutions (see Annex 4 – Experimental Facility Template).
- **SAE Business and Technical services catalogue:** a catalogue of methodologies, tools and consultancy services useful to evaluate digital maturity and technological readiness, develop RDI strategies and digital transformation roadmaps, launch new digital business models, etc. (see Annex 5 – Technology and Business Service Template).

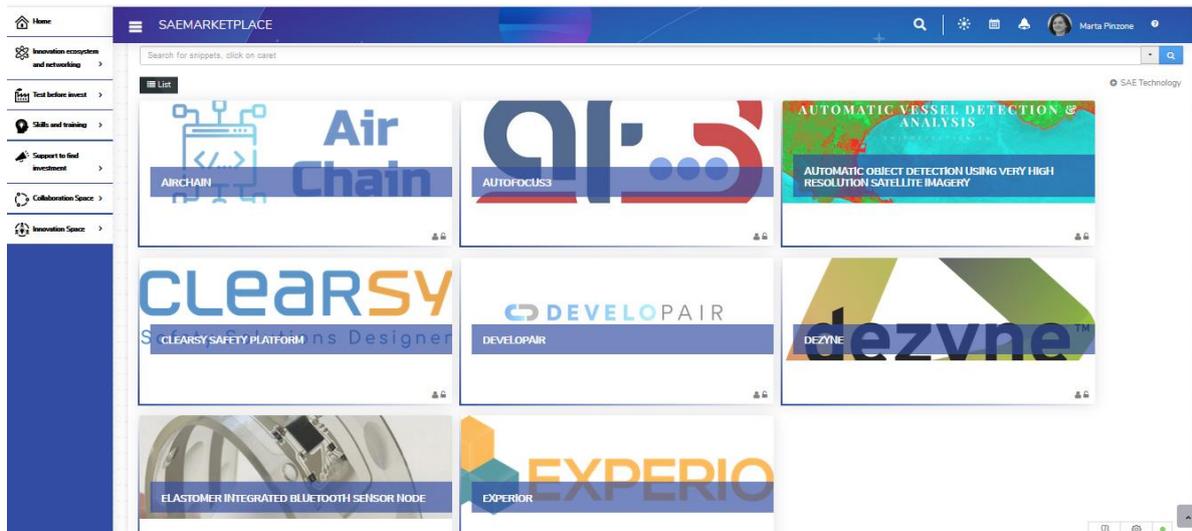


Figure 5 Catalogue of SAE Technologies

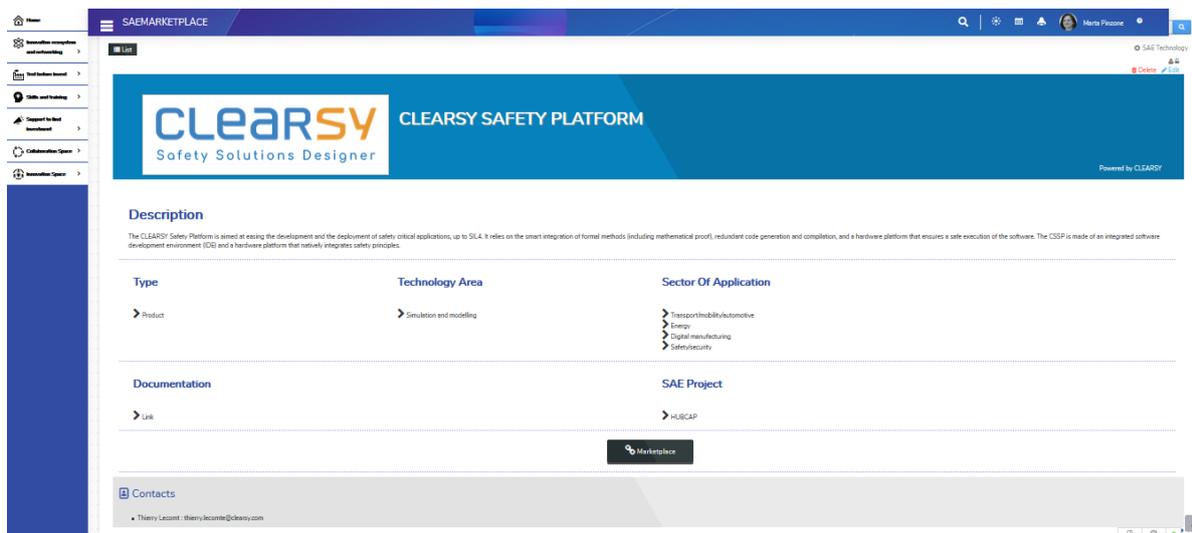


Figure 6 Description of a SAE technology

2.3 The “Skills and training” space

In order to make the most of digital technologies and innovations, skills in technology, business and ecosystem related topics are of paramount importance. In this respect, the SAE Marketplace offers access to:

- **Education and training opportunities catalogue:** an online catalogue of education and trainings services (e.g., webinars, courses, summer schools, etc.) provided by SAE projects, competence centres and DIHs (Figure 7). These are described in a standardized way according to the template provided in Annex 7 – Skill and Training Template and shown in Figure 8.
- **Skills and training materials:** a repository of reports, videos and relevant materials that are useful for the development of knowledge and skills on SAE technologies, business and other topics.

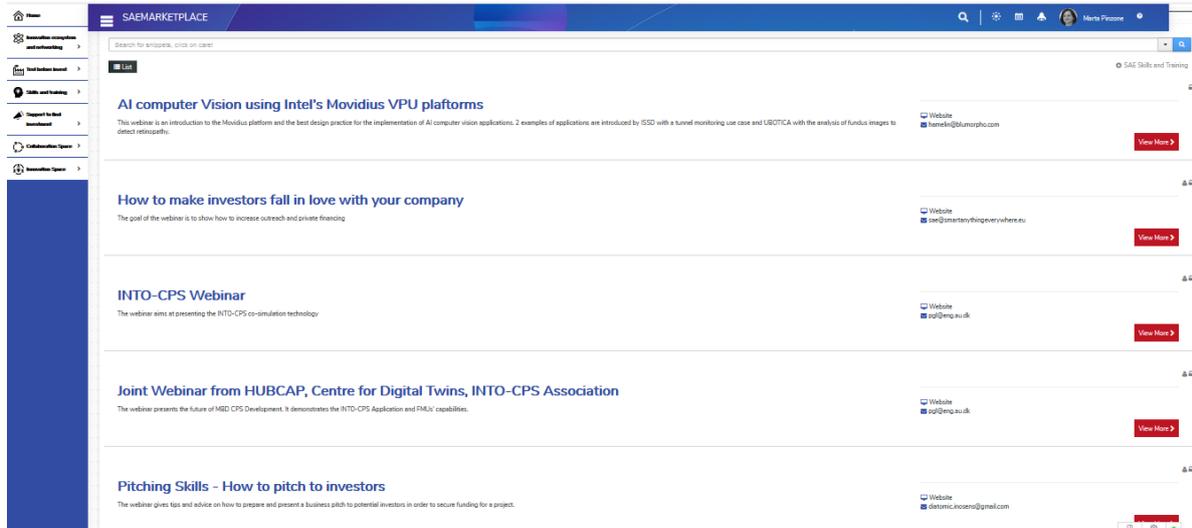


Figure 7 Catalogue of SAE Education and Training Opportunities

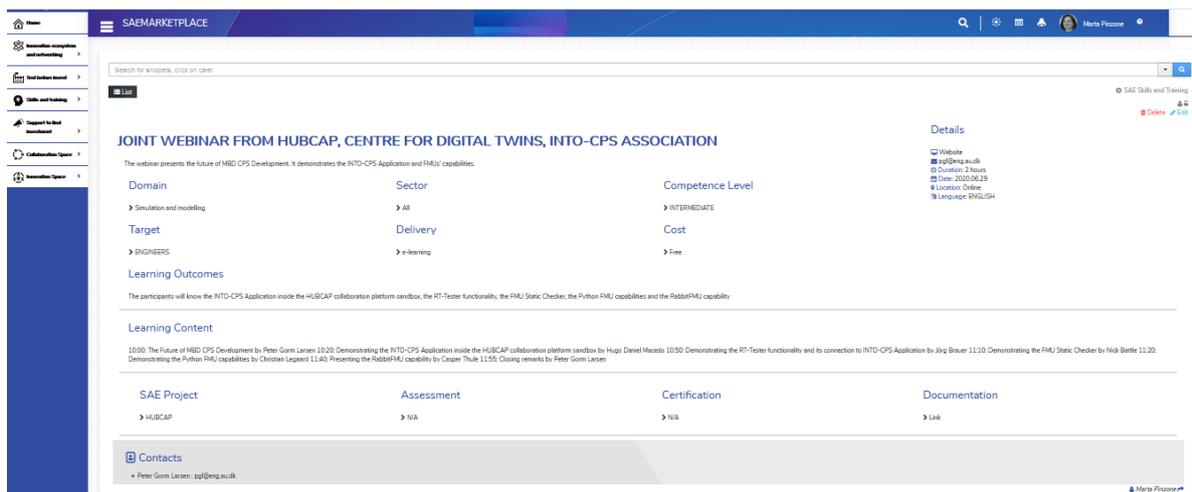


Figure 8 Description of Training offered by SAE Innovation Action

2.4 The “Support to find investment” space

“Support to find investment” is another key space to help SMEs discover the opportunities provided by SAE projects and other complementary sources (e.g., investors, incubators/accelerators).

- **SAE funding opportunities catalogue:** it contains information about funding opportunities. SMEs and start-ups can find all information about open calls and other opportunities that suit their needs and are provided with indications concerning how to get in touch with the different funding and investment programs (see Annex 6 – Funding Opportunity Template).

2.5 The “Collaboration” and “Open innovation” space

The “collaboration” space will offer each user the opportunity to connect and interact with all individuals and organizations contributing to the SAE community by means of:

- **Blogs:** an informal way to publish and share different types of contents (e.g. news, experiences, observations, opinions, etc.).

- **Discussions:** a dedicated space for informal debates among users on topics that are of interest for the SAE community or specific groups.

The “open innovation” space will gather a set of tools useful for users who want to share, ask for feedback, and validate their ideas. It will include:

- **Contests and Idea Management:** this application is used to start a competition to involve other people interested in a specific subject, and will enable users to participate to contests, creating and sharing their ideas in a collaborative way.
- **Multi polls:** a useful tool for voting mechanism in a large audience to reach group consensus through a simple iterative process.
- **Weight up decision:** an easy way to share new decisions in order to collect users’ opinions; it encourages each member of the community to consider other points of view for a well-balanced decision.

2.6 Other important functionalities

There will be two features of the platform that are also important to mention:

- **Universal Search:** the universal search functionality is transversal over the multiple platform applications; in particular, it allows to search for the topic of interest in several applications at the same time (e.g. documents, discussions, etc.). It is possible to find everything that can be useful and interesting by applying the filter of categories. It is also possible to benefit from the suggestions shown in real time in the search box when typing in the query if the user decides to search for a resource from a term.
- **Guide for content creation:** this is a useful functionality that supports users during the generation of information made available through different services; it is a sort of template helping, step by step, the creation of standardised content for the different categories of “Access to” applications.

3 SAE marketplace roles

To access and manage SAE marketplace’s functionalities, several user roles and permissions are associated with the platform. The main foreseen roles are presented below:

- **System Administrator:** The system administrator is the person who is responsible for the upkeep, configuration, and reliable operation of the DIHIWARE Platform, seeking to ensure that the uptime, performance, resources, and security of the system she manages meet the needs of the users. He/she is responsible for effective provisioning, installation/configuration, operation, and maintenance of systems’ hardware and software and related infrastructure.
- **SAE Community Member:** This role represents every single user accessing the Marketplace and using its functionalities; he/she can belong to a specific organization or could be an individual member. Users can login in the DIHIWARE Platform with their credentials that are received by e-mail after registration. Once logged-in users can access all the spaces of the SAE Marketplace.

- **SAE Content Manager:** The Content Manager represents a specific role who is responsible for developing the Smart4Europe2 and SAE Innovation Actions' online presence. He/she will oversee writing, editing, and proofreading the contents to be published in the SAE Marketplace. For example, only Content Managers will be allowed to add industrial success stories provided by the selected organization.

4 Next steps and Conclusions

The work done to set-up the SAE Marketplace has been described in the previous sections of the document. Moreover, it has been explained how the functionalities and features of the online platform will contribute to reach the goals of Smart4Europe2 and the SAE Initiative.

To feed the SAE Marketplace, the collection of contributions from SAE Innovation Actions is ongoing and will continue in future as new results and services will be released. To this end, at the beginning of 2021, a practical webinar will be organised with the representatives of the SAE Innovation Actions to facilitate the use of the SAE Marketplace platform. They will be invited to contribute not only updating the services/assets developed during the entire projects' lifetime but also offering content in form of articles, blogs, idea challenges, etc. based on the different project activities and partners' expertise (e.g., Technology Radar and SAE Technologies, Relationships with Investors, DIHs and Network, Digital Transformation Methodologies, Application Experiments, etc.).

Moreover, to make the SAE Marketplace grow several actions will be carried out in 2021 to attract new members. The audience will be informed about the SAE Marketplace through different channels, like presentations in SAE events, dissemination among the SAE newsletter subscribers and advertising via SAE social media, among many others.

Google Analytics will be used to have insights on the user behaviours and interactions with the contents of the SAE Marketplace. The performance metrics (e.g., number of visitors, page views, clicks on links, etc.) related to the different spaces of the SAE Marketplace will allow to find out which contents perform best and what does not.

Additionally, to gather the satisfaction of the different users of the SAE Marketplace, especially companies and Digital Innovation Hubs, a questionnaire survey will be developed and issued to collect feedback on how the platform and its different functionalities support the users in achieving their goals (e.g., find out which IA provides a specific technology, access to a webinar or a training etc.) in a better and more efficient way. The survey may be also complemented by a set of interviews conducted with a sample of users to gain detailed impressions and feedback.

Finally, the strategy for SAE marketplace's long-term sustainability will be consolidated. Different alternatives are currently under investigation and will be discussed further in the upcoming months by the Smart4Europe2 consortium. Among those, one promising option could be the integration of the SAE Marketplace into DIH4INDUSTRY platform (<https://dih4industry.eu/>), which aims at being an "umbrella" EU Marketplace of services and assets targeting DIHs and supplied by different initiatives/communities in the Digital Industry Area. During the next months, as part of the work to make the overall sustainability strategy of the SAE Initiative, other alternatives will be also explored and evaluated by Smart4Europe2 in order to shape the best model and plan to achieve a sustainable Marketplace after the end of the Coordination and Support Action.

5 Annexes

5.1 Annex 1 - Stakeholder Template

Organization name

Please provide the name of the company

Organization type

AUTHORITIES	
European	
National/Regional	
Other	
RESEARCH	
Research and Technology Organisation	
University	
Private lab	
Other	
EDUCATION	
University	
Academics of applied sciences	
Vocational training	
Private training	
Other	
INVESTORS	
Public Investor	
Private Investor	
Other	
LARGE COMPANIES	
Technology provider	
Service provider	
Technology user	
Other	
SMES (incl. start-ups) & MIDCAPS	
Technology provider	

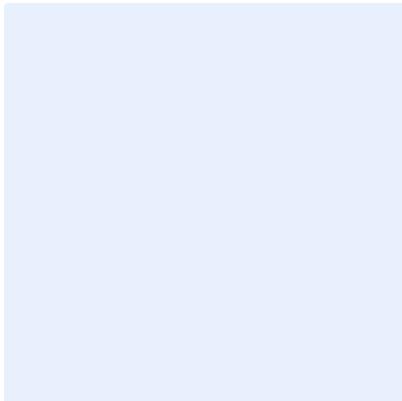
Services provider	
Start-up	
Technology user	
Other	
SERVICES ORGANIZATION	
Incubators/Accelerators	
Clusters and industry association	
Digital Innovation Hub	
Other	

Organization website

Please provide the company web site url

Organization logo

Please insert the company logo image file (png, jpg).



Organization description

Please describe the organization and the value the organization provides.

Organization legal address

Please provide information about registered address

Street:

Postal code:

City:

Country



Region:

Representatives

Please provide contacts to ask for more information

name and surname:

email:

role in the organization:

Responsibilities: (Please add here the responsibilities in terms of either technology area or expertise)

Sector

(Aero)space

Building / construction

Consumer electronics

Digital manufacturing

Energy

Environment

Food & agriculture

IoT/smart connected objects

Medical / pharmaceutical / life science / health

Natural resources

Packaging / logistics

Safety / security

Transport / mobility / automotive

OTHER(S) (Please specify)

.....



Main Competences

Please provide information about organization main competences

Business & Finance

Education & Training

Organic and Large Area Electronics (OLAE)

Internet of Things

Customised low energy computing powering CPS

Flexible and Wearable Electronics (FWE)

Advanced micro-electronics

Smart system integration

Cyber physical systems

Simulation and modelling

Other(s) (Please specify here)

Services

COMMUNITY BUILDING

Events organization: inform companies on technologies and applications

Representation, promotion: promote companies

Ecosystem building - open innovation process/connect companies on focus areas

STRATEGY DEVELOPMENT

Roadmapping development

Diagnosis & transformation plan for digital development

Ecosystem / networking

RDI DEVELOPMENT

Research and Innovation Strategy

R&D project / Technology transfer / contract research

Technical support for scale up

Provider of technology infrastructure

Testing and validation

BUSINESS DEVELOPMENT

Business growth for SMEs (events, brokerage, business opportunities etc.)

Incubator/accelerator support for startups

Biz marketplace dynamization

Helpdesk management

ACCESS TO FINANCE

Funding (e.g. co-funding, grants, Innovation vouchers)

Finance engineering / consulting (e.g. plan for investment equity)

Support expertise (taxes, credits, loans, IPR exploitation, license)

SKILLS AND TRAINING

Digital campuses (business, education, tech)

Digitalisation and I4.0 training - technical training

Train the trainers / competence training

Job offerings

Other (Please specify)

Membership

Please specify if the organization is member of relevant associations, groups, organizations, etc.

Social Account

Linkedin (insert your Organization Linkedin url):

Twitter (insert your Organization Twitter url):

Facebook (Insert your Organization Facebook url):

Instagram (Insert your Organization Instagram url):

5.2 Annex 2 - Success Story Template

SAE Success Story Template			
Field	Field Type	Required [yes/not]	Input field description (tips for the user)
STORY TITLE	Input text	Yes	Headline (1 Sentence)
COMPANY NAME	Input text	Yes	Please provide the name of the organizations involved
LOGO	Image file	Not	Please provide the logos
QUOTE OF A TESTIMONIAL	Input text	Not	If possible, provide also the name of the testimonial
IMAGE	Image file	Not	Please include an image that transmit the idea of your story
CHALLENGE	Input Text	Yes	Please describe the challenge
SOLUTION	Input Text	Yes	Describe the solution
THE ROLE OF THE DIH	Input Text	Yes	Describe how the (SAE) DIH helped the achievement of results
BENEFITS	Input Text	Yes	Please describe benefits and impact
KPIS	Input Text	Not	Please insert some metrics or KPIs with numbers
MAIN CONTACT	Input text	Yes	Please provide main information contact <ul style="list-style-type: none"> • Name • Email address)
TECHNOLOGY AREA	Selection List	Yes	Please, select form the list: Advanced Computing, Advanced micro-electronics, Smart system integration, Customised low energy computing powering CPS, Internet of Things, Cyber physical and embedded systems, Flexible and Wearable Electronics, Organic and Large Area Electronics (OLAE), Simulation and modelling, OTHER(S) (please specify)
SECTOR	Selection List	Yes	Please, select form the list: (Aero)Space, Building / Construction, Consumer Electronics, Digital Manufacturing, Energy, Environment, Food & Agriculture, Iot/Smart Connected Objects, Medical / Pharmaceutical / Life Science / Health , Natural Resources, Packaging /

			Logistics, Safety /Security, Transport / Mobility / Automotive, OTHER(S) (please specify) ALL
SAE PROJECT	Selection List	Yes	SAE project to which the Success Story is linked to Phase 3: BOWI, DigiFed, DIH4CPS, HUBCAP, SMART4ALL, SmartEEs2, Smart4Europe2 Phase 2: Diatomic, Fed4SAE, TETRAMAX, SmartEEs, Smart4Europe Phase 1: CPSELabs, EuroCPS, Gateone, Smarter-SI, TETRACOM

5.3 Annex 3 – Technology Template

SAE Technology template (Product/Prototype)			
Field	Field Type	Required [Yes/Not]	Input field description (tips for the user)
TYPE	Selection List	No	Please, indicate if it is a: Product , i.e., Component or system, which is commercialized. It is available for ordering multiple pieces and liability is assumed by the provider/seller, Necessary certification of the product was obtained (e.g., CE certification). The product sheet and/or conditions of use are defined. Prototype , i.e., Component or system, which has been successfully tested under real or real-like conditions. The prototype is not commercialized
NAME	Text Input	Yes	Please provide the name of this Product, Prototype
DESCRIPTION	Text Input	Yes	Please specify main details of this Product, Prototype
TECHNOLOGY AREA	Selection list	Yes	Please, select form the list: Advanced Computing, Advanced micro-electronics, Smart system integration, Customised low energy computing powering CPS, Internet of Things, Cyber physical and embedded systems, Flexible and Wearable Electronics, Organic and Large Area Electronics (OLAE), Simulation and modelling, OTHER(S) <u>please specify</u>
SECTOR OF APPLICATION	Selection list	Yes	Please, select from the list: (Aero)Space, Building / Construction, Consumer Electronics, Digital Manufacturing, Energy, Environment, Food & Agriculture, Internet of

			<i>Things/Smart Connected Objects, Medical / Pharmaceutical / Life Science / Health, Natural Resources, Packaging / Logistics, Safety / Security, Transport / Mobility / Automotive/ OTHER(S) <u>please specify</u></i> <i>ALL</i>
ORGANIZATION	Text Input	Yes	<i>Please provide the name and the website of the organization that developed this product/prototype</i>
CONTACTS	Text Input	Yes	<i>Please provide a contact to ask for more information: Name and surname Email address</i>
MARKETPLACE	Url Input	No	<i>The link to the marketplace where the product/prototype can be bought, downloaded, etc. (if applicable).</i>
IMAGE	Image Input	No	<i>Please provide an image (strongly recommend)</i>
SERVICE OFFERING	Text Input	No	<i>Services related to this Product, Prototype (if any)</i>
DOCUMENTATION		No	<i>Document (pdf, text, doc) or url</i>
SAE PROJECT	Selection list	Yes	<i>SAE project to which the product is linked to Phase 3: BOWI, DigiFed, DIH4CPS, HUBCAP, SMART4ALL, SmartEEs2, Smart4Europe2 Phase 2: Diatomic, Fed4SAE, TETRAMAX, SmartEEs, Smart4Europe Phase 1: CPSELabs, EuroCPS, Gateone, Smarter-SI, TETRACOM</i>

5.4 Annex 4 – Experimental Facility Template

SAE Experimental Facility Template			
Field	Field Type	Required [yes/not]	Input field description (tips for the user)
NAME	Text input	Yes	<i>Please provide the name of the Experimental Facility</i>
DESCRIPTION	Text input	Yes	<i>Please provide a summary of the Experimental Facility characteristics and activities / processes</i>
TECHNOLOGY AREA	Selection List	Yes	<i>Please, select form the list: Advanced Computing; Advanced micro-electronics; Smart system integration; Customised low energy computing powering CPS; Internet of Things; Cyber physical and embedded systems; Flexible and Wearable Electronics; Organic and Large Area Electronics (OLAE); Simulation and modelling; OTHER(S)</i>
EQUIPMENTS/ PROCESSES	Text input	Yes	<i>Please specify technologies, machineries and processes available in the facility</i>

SERVICES	Text input	Not	<i>Please specify the services available in the Experimental Facility</i>
SECTOR OF APPLICATION	Selection List	Not	<i>Please, select form the list: (Aero)Space; Building / Construction; Consumer Electronics; Digital Manufacturing; Energy; Environment; Food & Agriculture; IoT/Smart Connected Objects; Medical / Pharmaceutical / Life Science / Health; Natural Resources; Packaging / Logistics; Safety /Security; Transport / Mobility / Automotive; OTHER(S) (PLEASE SPECIFY) ALL</i>
IMAGE	Image Input	Not	<i>Please provide an image identifying the Experimental Facility</i>
LINK	Url input	Yes	<i>Please provide the link to the laboratory website</i>
MULTIMEDIA	Url input	Not	<i>Please provide links to any useful media content illustrating possible experiments in the plant (videos and photos).</i>
ORGANIZATION	Text input	Yes	<i>DIH, Competence Center, etc. to which the Experimental Facility is linked to</i>
LOCATION	Text input	Yes	<i>Please specify where the Experimental Facility is located</i>
RESPONSIBLE PERSON	Text input	Not	<i>Please specify the name of the Experimental Facility responsible person</i>
CONTACT	Text input	Yes	<i>Please provide email and phone number to ask for more information</i>
SAE PROJECT	Selection list	Yes	<i>SAE project to which the Experimental Facility is linked <u>Phase 3</u>: BOWI, DigiFed, DIH4CPS, HUBCAP, SMART4ALL, SmartEEs2, Smart4Europe2 <u>Phase 2</u>: Diatomic, Fed4SAE, TETRAMAX, SmartEEs, Smart4Europe <u>Phase 1</u>: CPSELabs, EuroCPS, Gateone, Smarter-SI, TETRACOM</i>

5.5 Annex 5 – Technology and Business Service Template

SAE Services template			
Field	Field type	Required [yes/not]	Input field description (tips for the user)
PROVIDER	Relation	Yes	<i>Please provide the name of the services provider/s.</i>
PROVIDER LOGO	Image	Yes	<i>Please provide the provider representative logo</i>
IMAGE	Image	Yes	<i>Please provide a representative image of the service</i>

SERVICE CATEGORY	Text input	Yes	Please provide the service category (e.g., technology scouting, digital maturity assesement, roadmapping, etc.)
TITLE	Text input	Yes	Service title
DESCRIPTION	Text input	Not	Please provide a description of the service
SAE PROJECT	Selection list	Yes	Sae project to which the training is linked. <i>Phase 3:</i> bowi, digifed, dih4cps, hubcap, smart4all, smartees2, smart4europe2 <i>Phase 2:</i> diatomic, fed4sae, tetramax, smartees, smart4europe <i>Phase 1:</i> cpselabs, eurocps, gateone, smarter-si, tetracom

5.6 Annex 6 – Funding Opportunity Template

SAE Funding Opportunities (Open call) Template			
Field	Field Type	Required [yes/not]	Input field description (tips for the user)
TITLE	Text input	Yes	Please provide the title of this Open Call
DESCRIPTION	Text input	Yes	Please provide a summary of the Open Call
TARGET	Text input	Yes	It is only for start-up? For SMEs? For consortium? Open to all?
AVAILABLE FUNDING	Text input	Yes	Please specify the size of available funding
IMPORTANT DATES	Date input	Yes	Please specify: the date of publication the deadline for application submission.
LINK	url input	Yes	Please provide the link to the complete text of the Open Call.
LOGO	Image input	Yes	Please provide an image identifying the Open Call/Project
CONTACT	Text input	Yes	Please provide the contact details for further information and support <ul style="list-style-type: none"> Name and surname Email address
SAE PROJECT	Selection list	yes	SAE project to which the Funding Opportunity is linked. <i>Phase 3:</i> BOWI, DigiFed, DIH4CPS, HUBCAP, SMART4ALL, SmartEEs2, Smart4Europe2 <i>Phase 2:</i> Diatomic, Fed4SAE, TETRAMAX, SmartEEs, Smart4Europe <i>Phase 1:</i> CPSELabs, EuroCPS, Gateone, Smarter-SI, TETRACOM

5.7 Annex 7 – Skill and Training Template

SAE Skills and Training Template			
Field	Field Type	Required [yes/not]	Input field description (tips for the user)
TITLE	Text Input	Yes	<i>Title of the education/training</i>
DESCRIPTION	Text Input	Yes	<i>Short description of the education/training and its aim</i>
DOMAIN	Selection list	Yes	<i>TECHNOLOGY: if yes, please indicate which one(s): (Advanced Computing, ; Advanced micro-electronics, Smart system integration, Customised low energy computing powering CPS, Internet of Things, Cyber physical and embedded systems, Flexible and Wearable Electronics, Organic and Large Area Electronics (OLAE), Simulation and modelling) BUSINESS, OTHER(S) <u>please specify</u> ALL</i>
SECTOR	Selection list	No	<i>Is the training specific for any sector(s)? (Aero)Space, Building / Construction, Consumer Electronics, Digital Manufacturing, Energy, Environment, Food & Agriculture, IoT/Smart Connected Objects, Medical / Pharmaceutical / Life Science / Health, Natural Resources, Packaging / Logistics, Safety / Security, Transport / Mobility / Automotive) OTHER(S) <u>please specify</u> ALL</i>
TARGET	Selection list	No	<i>Group(s) of people, identified as the intended recipient of the education/training initiative DIRECTORS, ENGINEERS/PROFESSIONALS, OPERATORS, STUDENTS, START-UPPERS, DIGITAL INNOVATION HUB, OTHERS <u>please specify</u>, ALL</i>
COMPETENCE LEVEL	Selection list	No	<i>Competence level FOUNDATION, NTERMEDIATE, ADVANCED, HIGHLY SPECIALIZED</i>
LEARNING OUTCOMES	Text Input	YES	<i>A learning outcome is a written statement of what the successful student/learner is expected to be able to do at the end of the training unit</i>
LEARNING CONTENT	Text Input	Yes	<i>The subjects or topics covered in the education/training</i>
DELIVERY	Selection list	Yes	<i>How is the content delivered?</i>



			<i>FACE-TO-FACE LECTURES, PRACTICAL /ON-THE-JOB, E-LEARNING (WEBINAR, MOOCS, ETC.), BLENDED, OTHER(S) <u>please specify</u></i>
ASSESSMENT	Text Input	No	<i>Short description of the final assessment</i>
CERTIFICATION	Text Input	No	<i>Does the training lead to an attendance certification, skill certification, etc.?</i>
DURATION	Text Input	No	
COST	Text Input	No	<i>How much does the training cost?</i>
DATE	Date	No	
LOCATION	Text Input	Yes	<i>If not online, COUNTRY/REGION/CITY Where the education/training takes place</i>
LANGUAGE	Selection list	Yes	<i>The language used to provide the education/training: ENGLISH, BULGARIA, CROATIAN, CZECH, DANISH, DUTCH, ESTONIAN, FINNISH FRENCH, GERMAN, GREEK, HUNGARIAN, IRISH, ITALIAN, LATVIAN, LITHUANIAN, MALTESE, POLISH, PORTUGUESE, ROMANIAN, SLOVAK, SLOVENIAN, SPANISH, SWEDISH</i>
ORGANIZATION	Text Input	Yes	<i>Name of the CC / DIH / OTHER that provides the training</i>
CONTACT	Text Input	Yes	<i>Main contact Name, e-mail address</i>
WEBSITE	Url Input	No	<i>Reference to information and resources available online</i>
DOCUMENTATION		No	<i>Document to upload or url</i>
SAE PROJECT	Selection list	Yes	<i>SAE project to which the training is linked. Phase 3: BOWI, digifed, DIH4CPS, HUBCAP, SMART4ALL, smartees2, Smart4Europe2 Phase 2: Diatomic, Fed4SAE, TETRAMAX, smartees, Smart4Europe Phase 1: cpselabs, eurocps, Gateone, Smarter-SI, TETRACOM</i>

