



DITA ATLAS MAP Guidance for New Users 4.0

The ERASMUS+ "Digital Industry Training Atlas" Map, shortly DITA ATLAS MAP, is a tool that enables the exchange of information among stakeholders, Training Providers and potential future students, offering information on relevant courses to increase skills and competences in the field of digital transformation in the European industry landscape.

In the IO1 phase of the project, a shortlist of Training Providers from Austria, Belgium, Germany, Italy, Spain and Portugal, have been identified by the DITA partners. In IO2 they have been approached to receive feedback on the first release of the platform which we are now adopting.

Additionally, we are asking to all the registered training providers to focus on identifying connections between complementary training offers based in different countries.

The DITA project will facilitate them to apply their current transnational cooperation schemes or to create new ones.

This area of work is a starting point to generate an added value and to develop future functionalities of the DITA ATLAS MAP.

Get to know more about DITA Project, visit our website ditaproject.eu or please contact us directly via [contact form](#).



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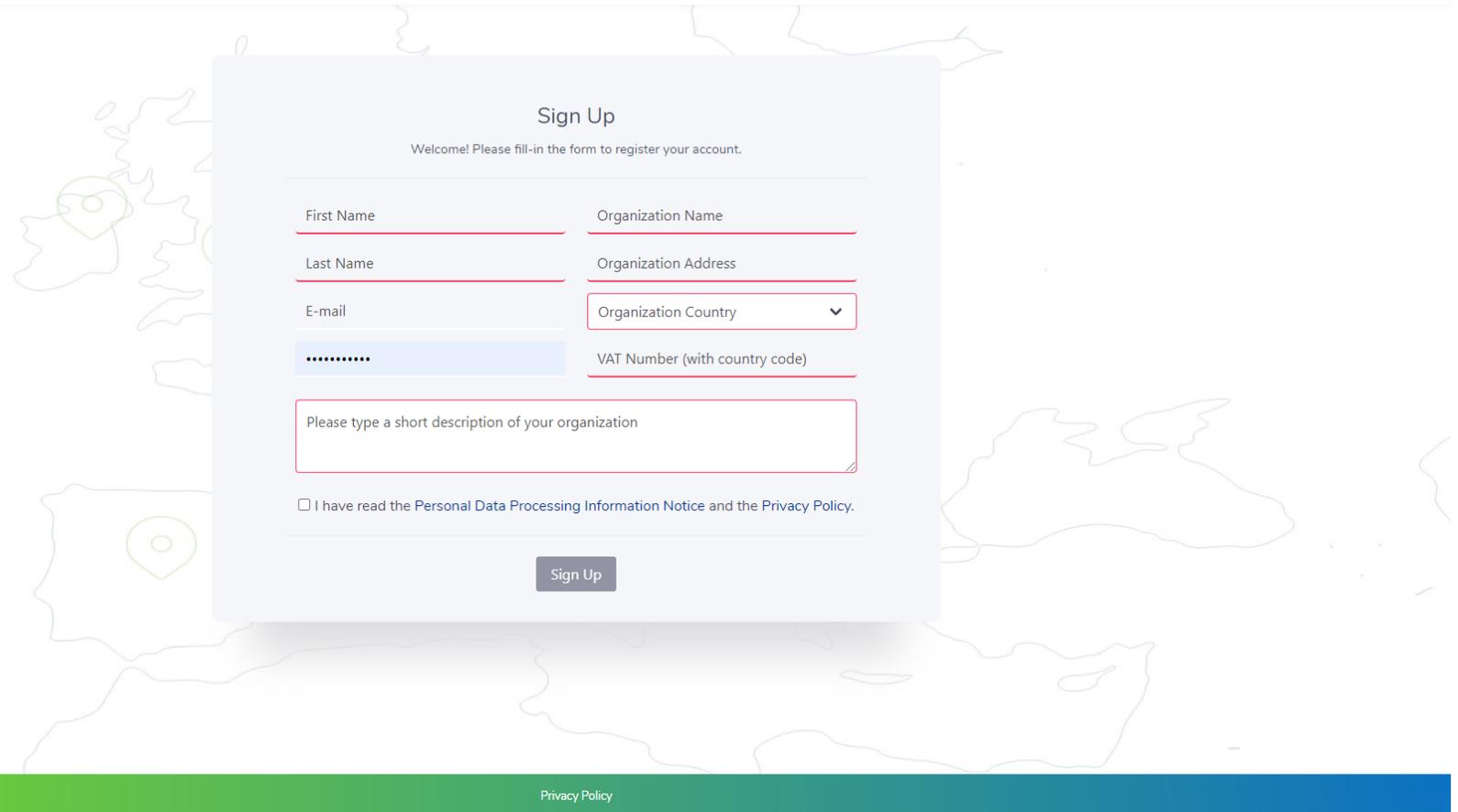
1 Users and Credentials: Sign Up for a new user account

The DITA ATLAS MAP is available for all potential stakeholders at the following Url / QR code <https://atlas.ditaproject.eu/atlas/map>



- Please take in mind that only training providers will be allowed to register their organisations and their courses.
- To publish a training programme or a course, a training provider first needs to create a new user account linked to the organisation.

To generate a new user account you need to “Sign Up” at the following web page <https://atlas.ditaproject.eu/atlas/sign-up> and filling the fields with the required data to identify the individual user and the training organization.



Sign Up

Welcome! Please fill-in the form to register your account.

First Name	Organization Name
Last Name	Organization Address
E-mail	Organization Country
.....	VAT Number (with country code)

Please type a short description of your organization

I have read the [Personal Data Processing Information Notice](#) and the [Privacy Policy](#).

Sign Up

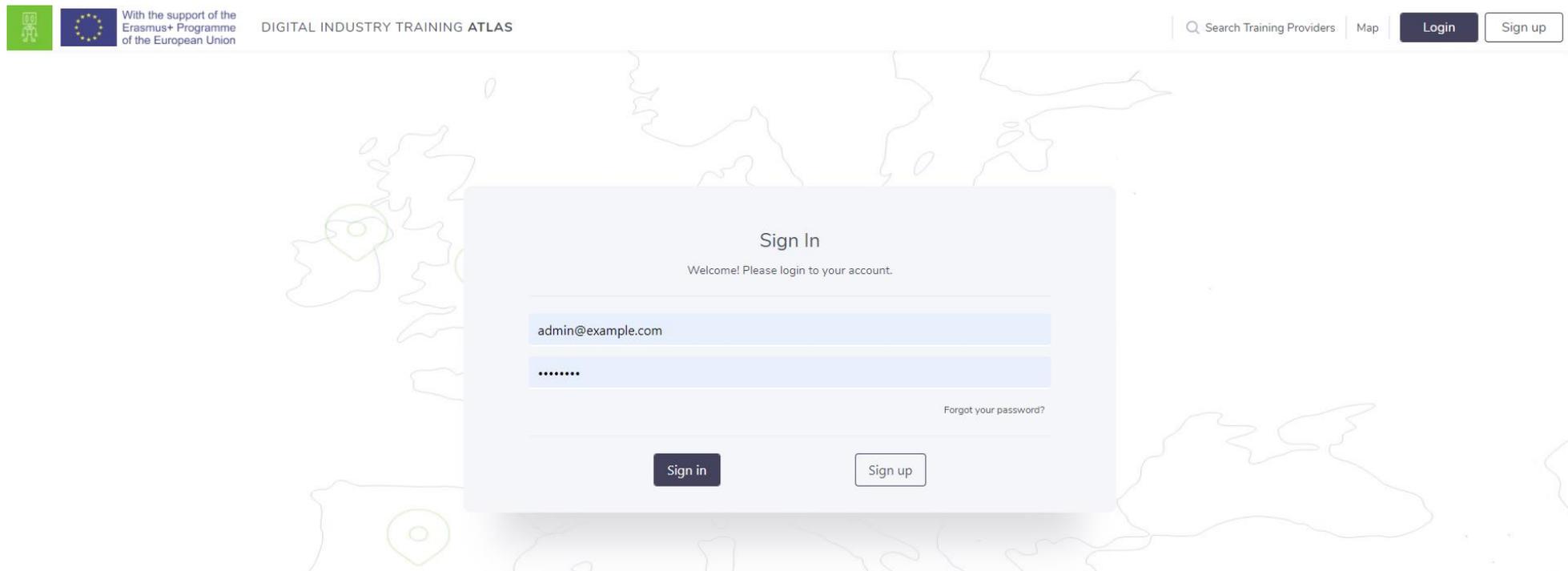
Privacy Policy

Figure 1 Sign-Up for the DITA ATLAS (Source: DITA, 2021)

Please remind to read the [Personal Data Processing Information Notice](#) and the [Privacy Policy](#) before flagging it and to click the “Sign Up” button. Please note that more than one user account can be linked to a training organization later on.

2 Log in

When your user account is created to login you need only to connect to <https://atlas.ditaproject.eu/atlas/sign-in> then insert your ID and password



The screenshot shows the DITA ATLAS website interface. At the top left, there are logos for DITA and the Erasmus+ Programme of the European Union. The main header includes the text "DIGITAL INDUSTRY TRAINING ATLAS" and navigation links for "Search Training Providers", "Map", "Login", and "Sign up". The background features a faint map of Europe. A central "Sign In" modal is displayed, containing the following elements:

- Title: "Sign In"
- Welcome message: "Welcome! Please login to your account."
- Email input field: "admin@example.com"
- Password input field: "*****"
- Link: "Forgot your password?"
- Buttons: "Sign in" and "Sign up"

Figure 2 Sign-In to the DITA ATLAS (Source: DITA, 2021)

2.1 Create a new Organization and its Courses

Please remember that the rule is always the following one: you first need to have an Organization “Training Provider” and then a Course.

You are not allowed to create a course without a new organization as “Training Provider”.

2.1.1 Creating a New Organisation:

(1) From the ATLAS map, to create a New Organization you have to click on “Training Providers”

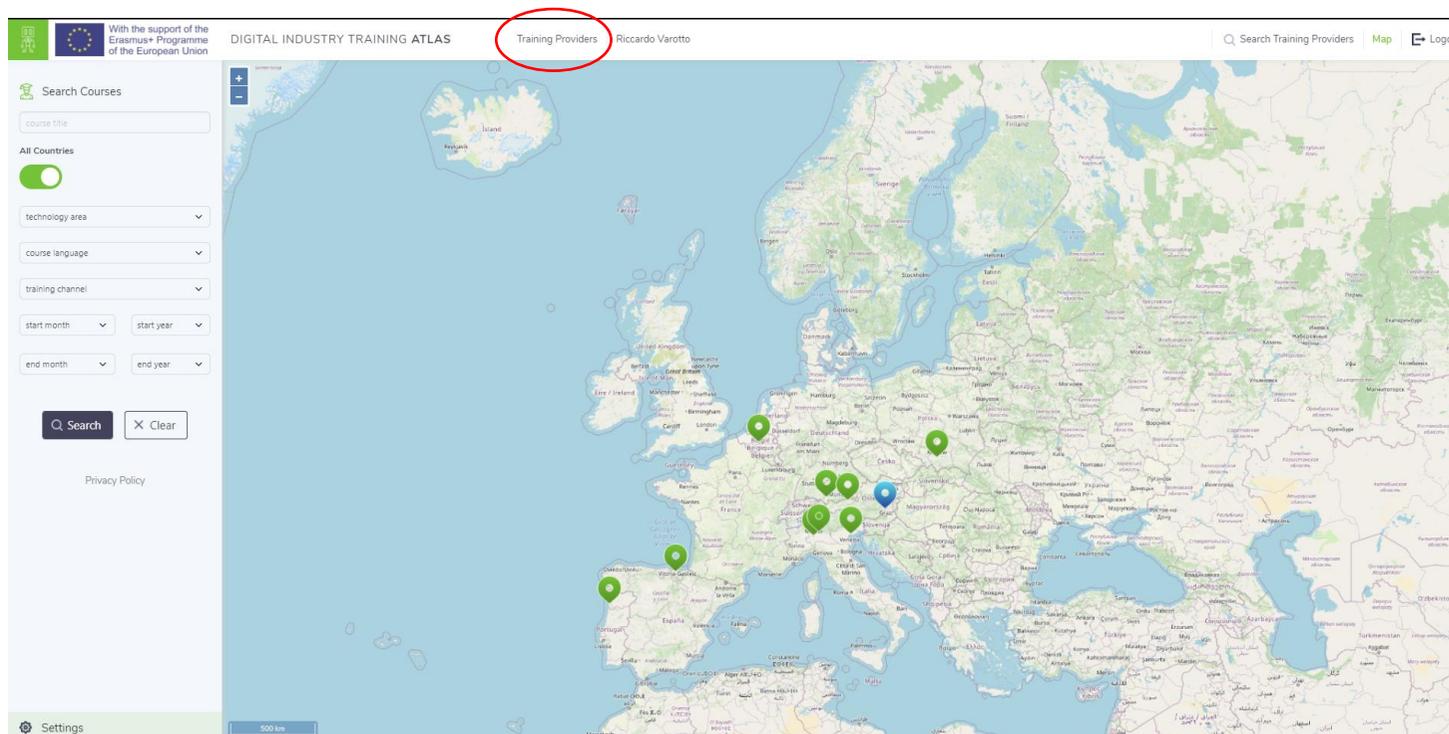


Figure 3 Overview of the DITA ATLAS & the Training Provider Link (Source: DITA, 2021)



(2) Then click on the “ADD NEW +”, to access the add new Training Provider feature.

With the support of the Erasmus+ Programme of the European Union DIGITAL INDUSTRY TRAINING ATLAS Training Providers Riccardo Varotto Search Training Providers Map Logout

18 training providers find a training provider Search

ADD NEW +	Training Provider Name	Training Provider Description	Country	Approved
	AFIL	AFIL is an Italian private association, recognized by Lombardy Region as the regional technological cluster for Advanced Manufacturing.	Italy	✓
	Bergamo Sviluppo	The Training Service Unit of the Chambers of Commerce of Bergamo.	Italy	✓
	CENTIMFE	RTD Technological Center	Portugal	✓
	Eurecat	Eurecat is the leading Technology Centre in Catalonia, and the second largest private research organization in Southern Europe. With headquarters in Barcelona (Spain), the centre is the result of the merging process of the main Catalan Technology Centres, a process which started in 2015 and is still ongoing. Eurecat is currently participating in more than 70 EU funded collaborative projects, mainly in the Horizon 2020 Programme. It is also a strong player in the various R&D programmes sponsored by the Spanish and Catalan administrations with more than 160 ongoing projects. Technology transfer is another essential activity in Eurecat, with 36 international patents and 9 technology-based companies (eight in Spain and one in Latin America) started-up from the centre.	Spain	✓
	Fachhochschule Kufstein	State-accredited university of applied sciences under decision of the Council of Universities of Applied Sciences (FHR), 2006	Austria	✓
	FH Campus 02	University of Applied Sciences, study programmes for automation technologies	Austria	✓
	Forschungszentrum Allgäu	The FZA coordinates research and cooperation across faculties and interdisciplinary at Kempten University of Applied Sciences. Its the central contact point of Kempten University of Applied Sciences for companies and other institutions in the region.	Germany	
	Heziketa TEknikoko Elkarte - HETEL	HETEL is an association of 27 VET centres, located in the Basque Country.	Spain	✓
	H-Farm	H-FARM's educational offer covers a wide age range, from 3 years old and up, ranging from small children to young professionals and senior managers, for a current total of over 2,300 students.	Italy	✓
	Hochschule Kempten	The Professional School of Business & Technology is the competence center for postgraduate studies at Kempten University of Applied Sciences. Application-oriented post-graduate studies have been designed for university graduates and experienced practitioners who wish to increase their professional and personal competence, and who regard post-graduate studies as a life-long process.	Germany	✓
	Inovcluster	InovCluster is an association with 180 members: Companies form the agroindustry sector and the agribusiness sector, Municipalities, Universities and Polytechnic Institutes, R&D Institutions and sectoral Associations. Our mission is the development of the agroindustrial sector of the center region of Portugal, therefore we provide services to our members in six areas: Entrepreneurship, R&D and Innovation, Internationalization, Communication, Funding and Cooperation. InovCluster is also closely involved in the definition of RIS3 policies for the Center Region of Portugal and we develop several projects that benefit directly the companies and also sectoral projects that aim the development of the sector.	Portugal	✓

Figure 4 Visualisation of the Add New Training Provider Feature (Source: DITA, 2021)



(3) The “New Training Provider” window appears as follows:

The screenshot shows the 'New Training Provider' form in the 'Training Providers' section of the 'Administrator System'. The form is titled 'New Training Provider' and has a sub-section 'Training Provider'. At the top right of the form area, there is an 'Approved' toggle switch, currently turned off, with the text 'approved training providers are visible on map' below it. The form contains the following fields:

- English Name ***: A text input field containing 'training provider english name'. Below it is the placeholder text 'training provider name in English language (200 characters)'.
- Original Name ***: A text input field containing 'training provider original name'. Below it is the placeholder text 'training provider name in original language (200 characters)'.
- Description**: A text area containing 'training provider description'. Below it is the placeholder text 'training provider description (unlimited length)'.
- Address**: A text input field containing 'street, civic number, town, zip code, province'. Below it is the placeholder text 'training provider address, excluding country name, which is specified below (200 characters)'.
- Country ***: A dropdown menu with 'country' selected. Below it is the placeholder text 'select appropriate training provider country'.
- GPS Location**: A text input field containing '0 - 0' and a 'Set GPS' button. Below it is the placeholder text 'after filling out address and country, click on the 'Set GPS' button to calculate coordinates. If more than one result is available, you will have to choose the most appropriate one'.
- Contact Name ***: A text input field containing 'training provider contact name'. Below it is the placeholder text 'training provider contact person's name (200 characters)'.
- Contact Phone**: A text input field containing 'training provider contact phone (e.g. +39 555 5925)'. Below it is the placeholder text 'training provider contact phone number (50 characters). Please include international calling code'.
- Contact e-mail ***: A text input field containing 'training provider contact e-mail (e.g. name@example.com)'. Below it is the placeholder text 'training provider contact e-mail address (100 characters)'.
- Contact Web Site**: A text input field containing 'training provider contact web site'. Below it is the placeholder text 'training provider website (200 characters)'.
- Social Network**: A text input field containing 'training provider social network url (e.g. Facebook / LinkedIn page)'. Below it is the placeholder text 'training provider social channel (e.g. Facebook or LinkedIn page address) (200 characters)'.
- Video Presentation**: A text input field containing 'training provider video presentation url'. Below it is the placeholder text 'training provider video presentation url (e.g. link to YouTube or Vimeo or other video resource) (200 characters)'.

Figure 16 Visualisation of the New Training Provider Feature (Source: DITA, 2021)

Please insert the organisation details, according to the categories highlighted in the profile. Some of these fields are mandatory.



2.1.2 *Creating a New Course*

1) Enter your data in all the required fields reported here below:

New Course

Course published

published courses are visible on map

English Title *

course title in English language (200 characters)

Original Title

course title in original language (200 characters)

Course Objective

short description of course objective (400 characters)

Course Description

course long description (unlimited length)



Course on demand

choose whether course can be activated on demand

Course specific dates

choose whether course is available on specific dates (start/end dates)

Duration *

choose most appropriate course duration

Course WebSite (if relevant)

course website (200 characters)

Course contact e-mail

course specific contact e-mail address (100 characters)

Course video presentation

course video presentation url (e.g. link to YouTube or Vimeo or other video resource) (200 characters)

Internal Notes (not mandatory and not visible to use).



3 Current Functionalities

3.1 Search Courses

From the home page <https://atlas.ditaproject.eu/atlas/map> a final end user can currently look for courses using the search box on the left side of the DITA ATLAS, the search engine works only with criteria based on data registered for the courses.

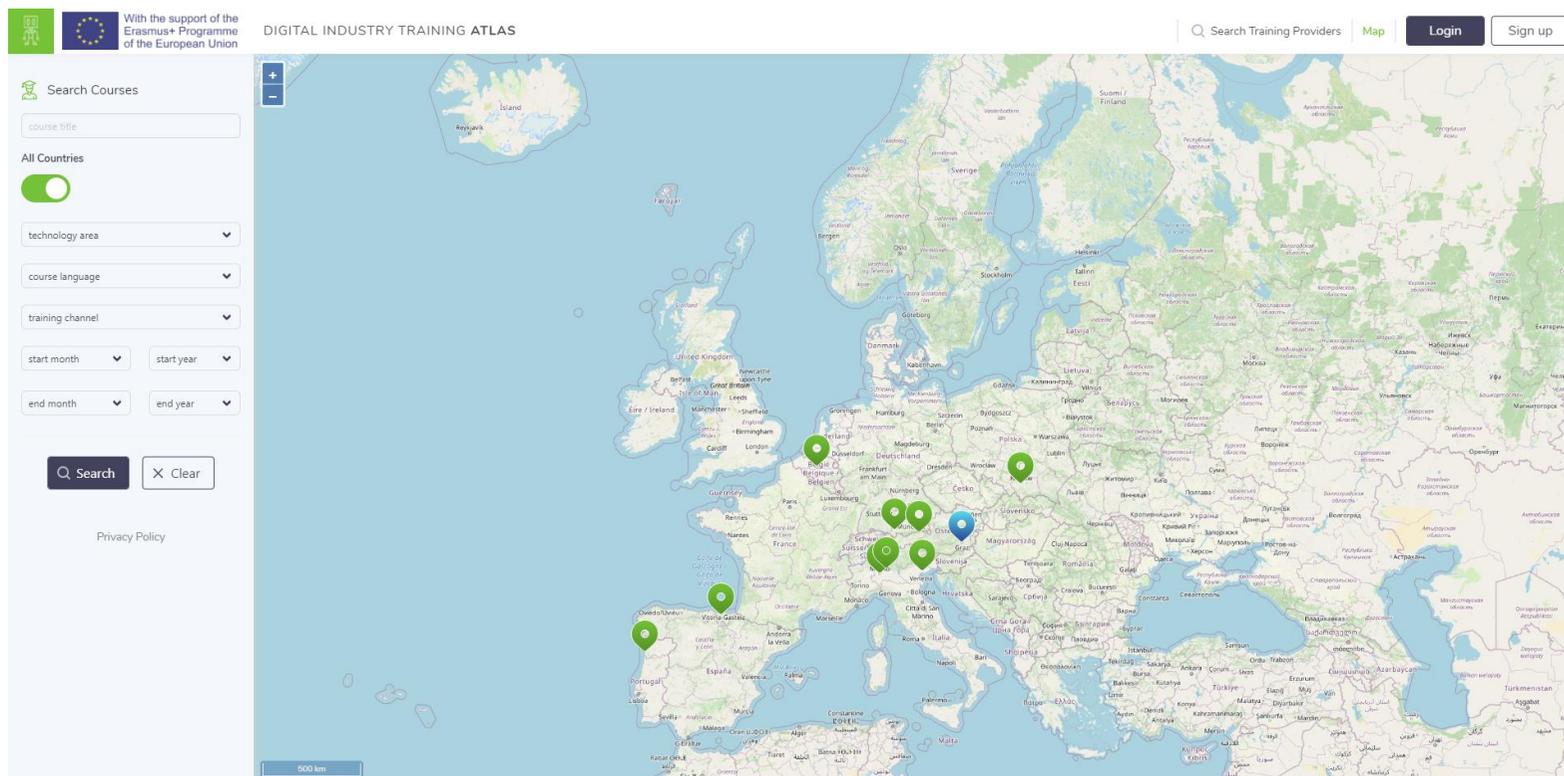


Figure 5 DITA ATLAS Overview (Source: DITA, 2021)

The Search engine works:

- with several criteria (you can use from 0 up to 7 drop-down values + the course title)
- only 1 drop down value per search field can be selected.

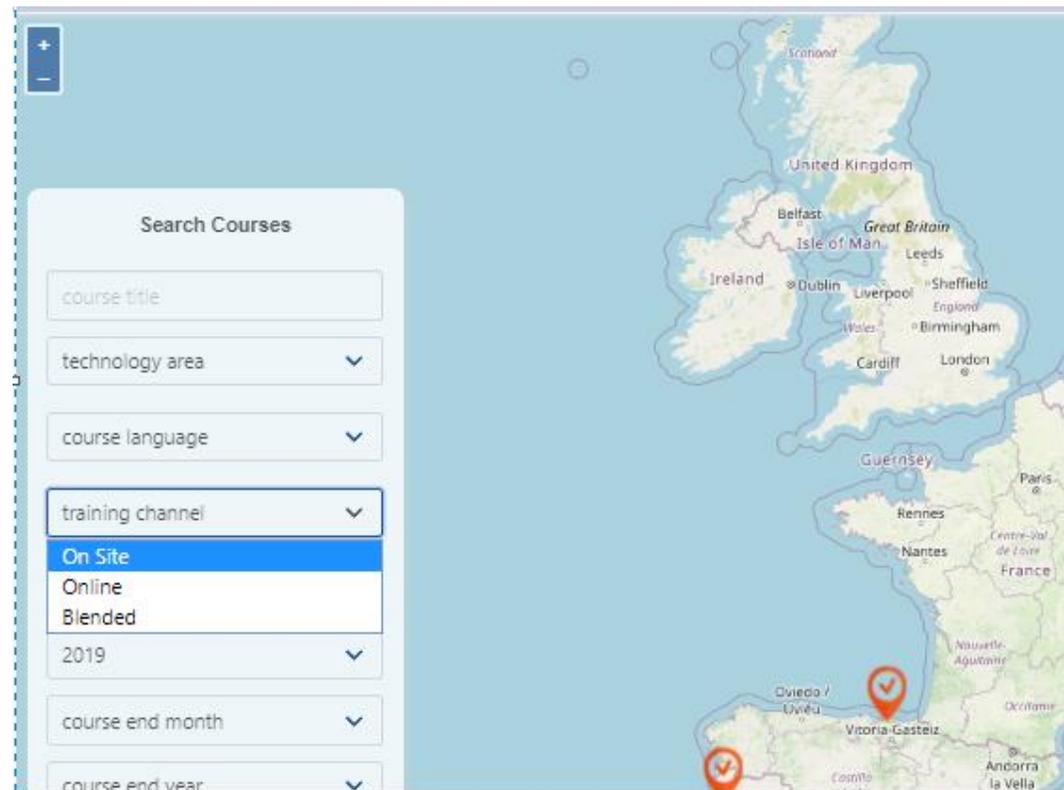


Figure 6 Search Engine Structure to Search Courses (Source: DITA, 2021)



When you click on *Search*, the map displays the current locations of the organizations providing courses that match with your search criteria:

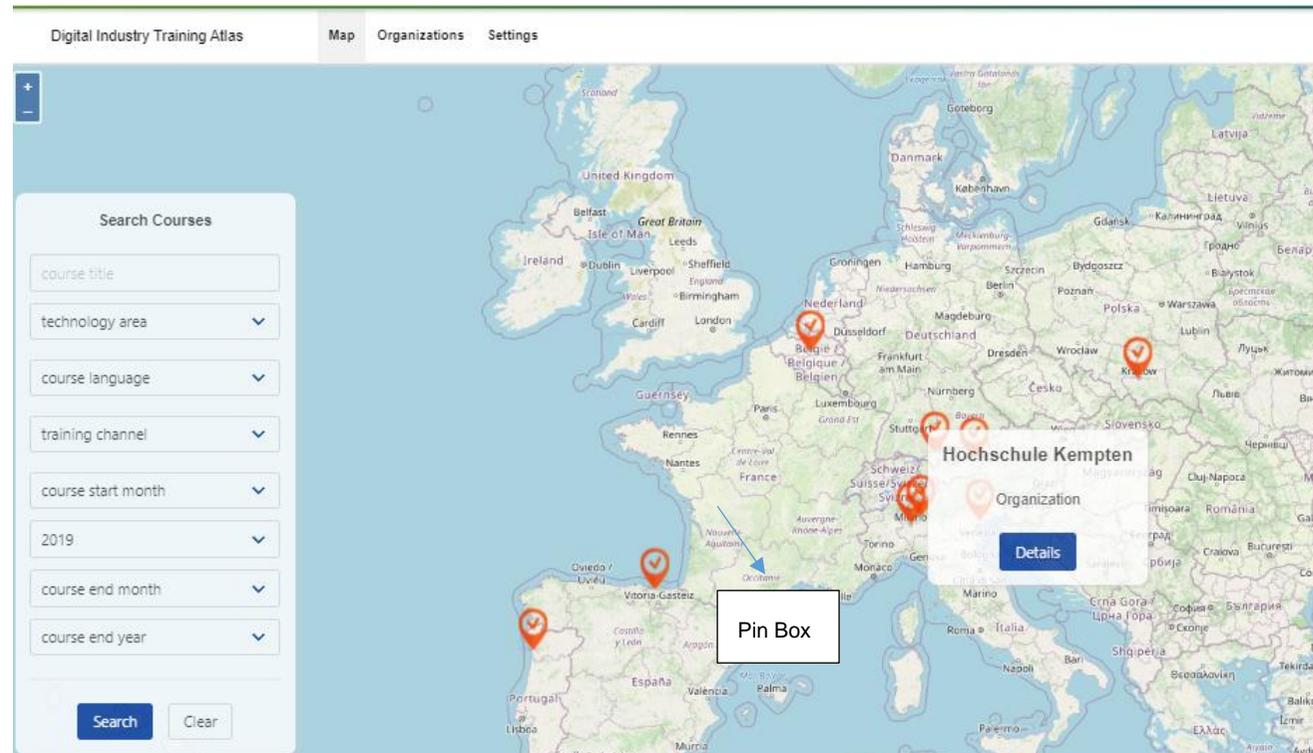


Figure 7 Search Outcomes of the DITA ATLAS (Source: DITA, 2021)

To visualize the box you have to click on the pin, as indicated in the figure above.



If you click the “Details” button, this is what you get (**Item 1 - Training Provider**):

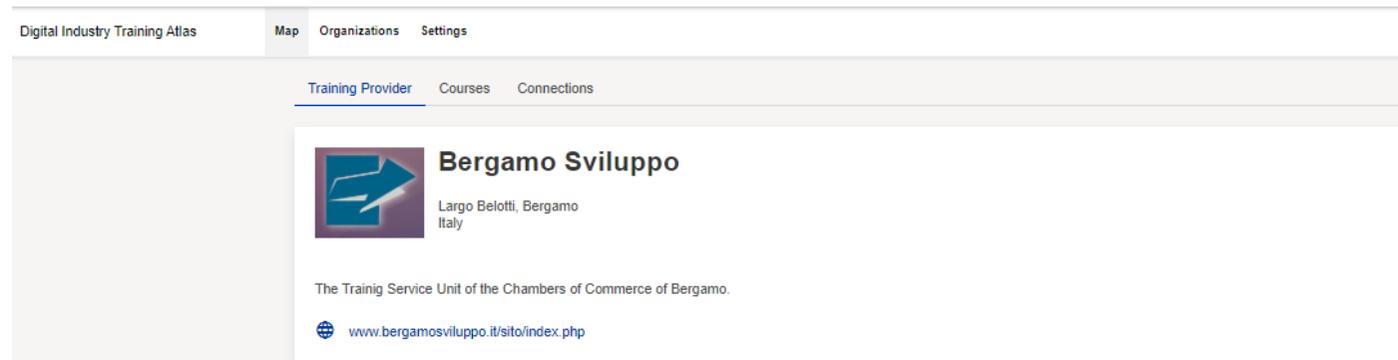


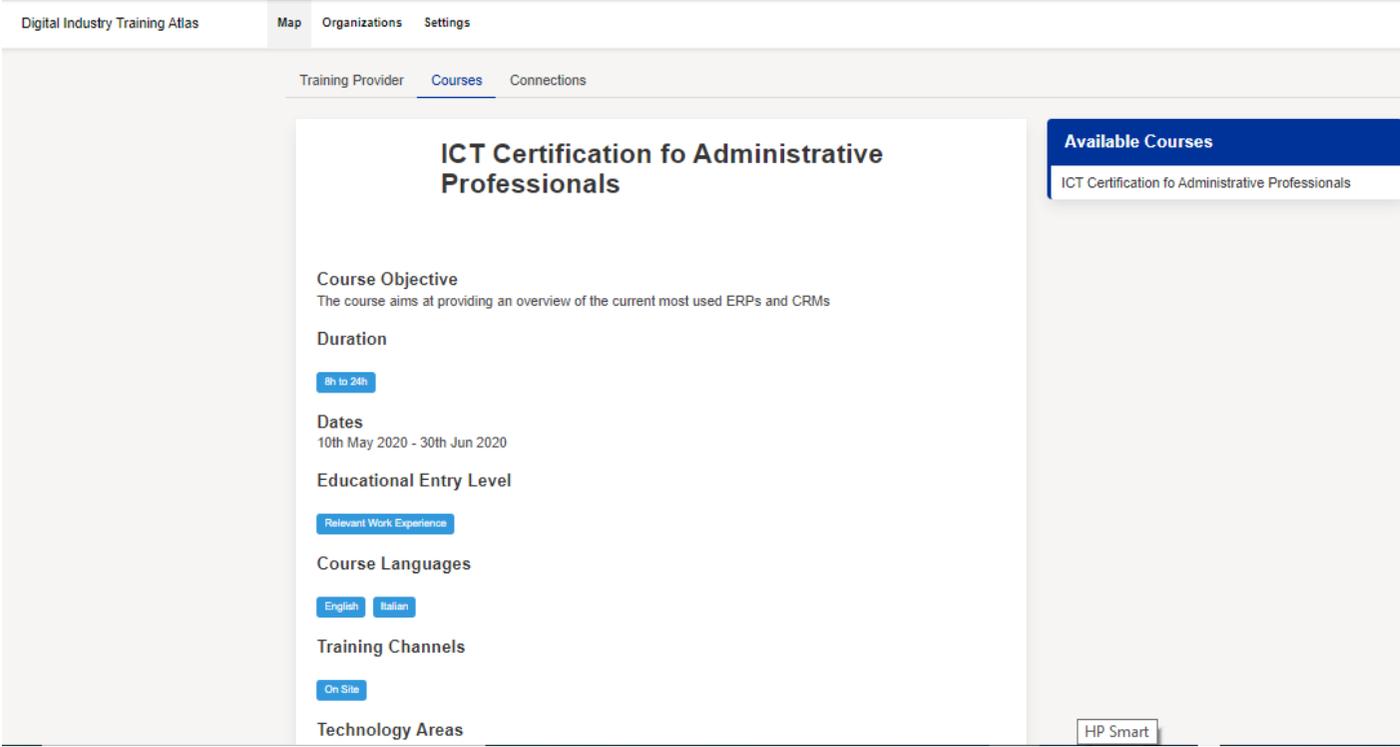
Figure 8 Training Provider Visualisation (Source: DITA, 2021)

A short description of the Training Provider and the 2 tabs with:

- the list of available (matching) courses
- available Connections with other training providers (only if available, otherwise this Tab will not be visualized)



If you click on the “Courses” Tab, this is what you get (**ITEM 2 – Courses**):



The screenshot shows the 'Courses' tab selected in the 'Digital Industry Training Atlas' interface. The main content area displays details for the course 'ICT Certification fo Administrative Professionals'. The details include:

- Course Objective:** The course aims at providing an overview of the current most used ERPs and CRMs
- Duration:** 8h to 24h
- Dates:** 10th May 2020 - 30th Jun 2020
- Educational Entry Level:** Relevant Work Experience
- Course Languages:** English, Italian
- Training Channels:** On Site
- Technology Areas:** HP Smart

On the right side, there is a sidebar titled 'Available Courses' which lists the same course: 'ICT Certification fo Administrative Professionals'.

Figure 9 Training Courses Associated to the Training Provider (Source: DITA, 2021)

The software selects – in alphabetical order – the first course that matches your search criteria. On the right side you will see all other courses that match your criteria.

The fact sheet visualizes only those fields that have been used by the admin.



Last but not least, if you click on the Connections tab, you will see which connections have been already established with other training providers, and this is what you get (**ITEM 3 – Connections**)

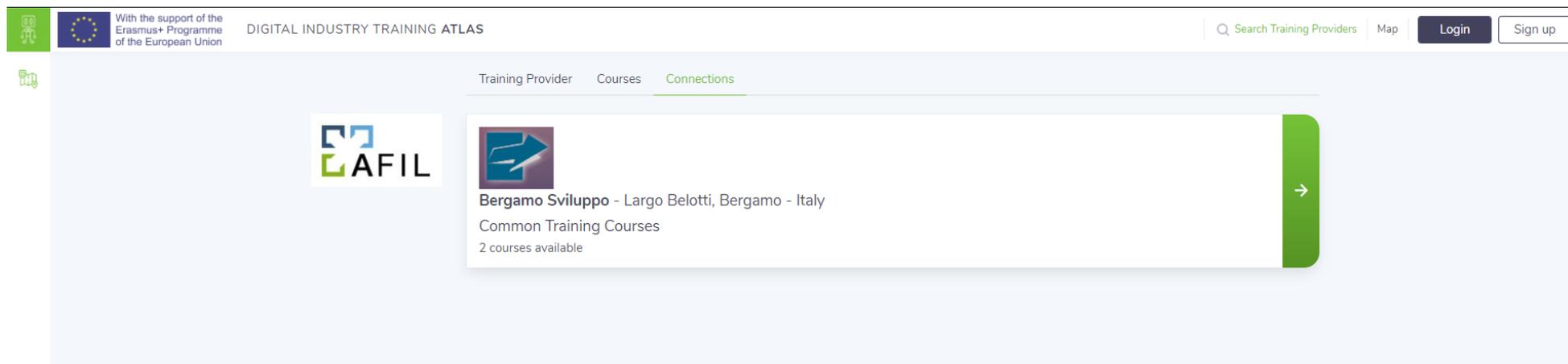


Figure 10 Training Provider Connections Visualised (Source: DITA, 2021)

If you click on the “Connection” label, you will be redirected to that Training Provider already connected to one or more training providers.

For more details regarding to the cooperation mechanisms please refer to the chapter “Organizations: Training Providers > Add Connections” on page 15.

3.2 Search Training providers

If you click on the Top Menu “Search Training Providers” label

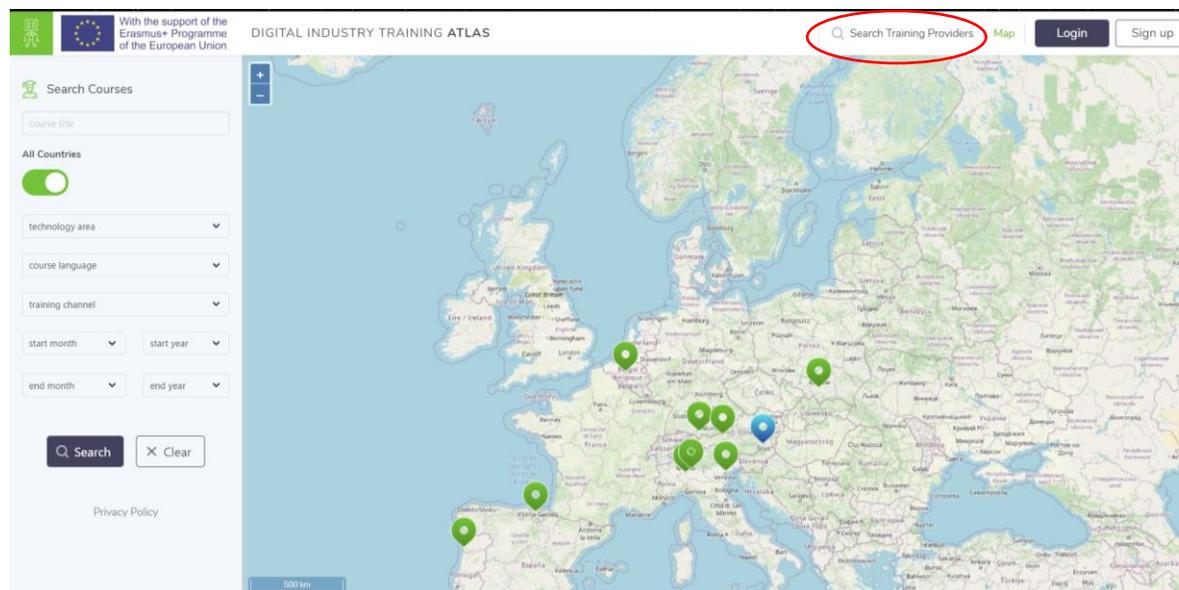


Figure 9 DITA ATLAS page with “Search Training Providers” label (Source: DITA, 2021)

You will be redirected to <https://atlas.ditaproject.eu/atlas/search/organizations> and also to the Training Providers list with all organizations registered in DITA ATLAS platform.

Please note that a training organization will be visible on the DITA ATLAS map only when at least a course is uploaded and published by a training provider. An organization registered without active courses will be visible only in the “Training Providers list”.



 Search Training Providers

All Countries



[Privacy Policy](#)

 Settings



AFIL - Via Ercole Oldofredi 23, Milano - Italy



Bergamo Sviluppo - Largo Belotti, Bergamo - Italy



CENTIMFE - Casal da Lebre, Rua da Espanha, Lote 8, 2430-028 M.nha Grande - Portugal



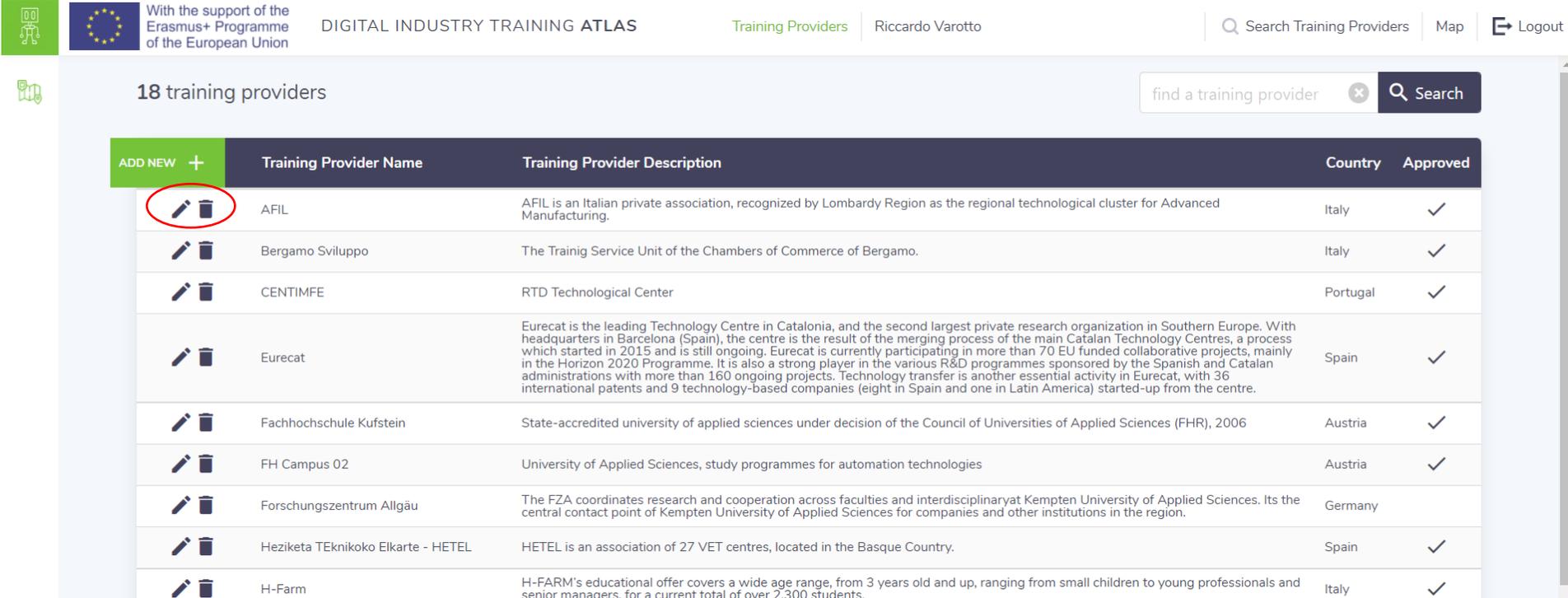
Eurecat - c/Bilbao, 72. 08005 Barcelona - Spain

Figure 11 Visualisation of the Training Provider Search Results (Source: DITA, 2021)



3.3 Organizations: Edit a Training Provider

If you click on Organizations, this is what the users get (ITEM 4 – List of Training Providers)



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DIGITAL INDUSTRY TRAINING ATLAS

Training Providers | Riccardo Varotto

Search Training Providers | Map | Logout

18 training providers

find a training provider Search

ADD NEW +	Training Provider Name	Training Provider Description	Country	Approved
 	AFIL	AFIL is an Italian private association, recognized by Lombardy Region as the regional technological cluster for Advanced Manufacturing.	Italy	✓
 	Bergamo Sviluppo	The Trainig Service Unit of the Chambers of Commerce of Bergamo.	Italy	✓
 	CENTIMFE	RTD Technological Center	Portugal	✓
 	Eurecat	Eurecat is the leading Technology Centre in Catalonia, and the second largest private research organization in Southern Europe. With headquarters in Barcelona (Spain), the centre is the result of the merging process of the main Catalan Technology Centres, a process which started in 2015 and is still ongoing. Eurecat is currently participating in more than 70 EU funded collaborative projects, mainly in the Horizon 2020 Programme. It is also a strong player in the various R&D programmes sponsored by the Spanish and Catalan administrations with more than 160 ongoing projects. Technology transfer is another essential activity in Eurecat, with 36 international patents and 9 technology-based companies (eight in Spain and one in Latin America) started-up from the centre.	Spain	✓
 	Fachhochschule Kufstein	State-accredited university of applied sciences under decision of the Council of Universities of Applied Sciences (FHR), 2006	Austria	✓
 	FH Campus 02	University of Applied Sciences, study programmes for automation technologies	Austria	✓
 	Forschungszentrum Allgäu	The FZA coordinates research and cooperation across faculties and interdisciplinary at Kempten University of Applied Sciences. Its the central contact point of Kempten University of Applied Sciences for companies and other institutions in the region.	Germany	✓
 	Heziketa TEknikoko Elkarte - HETEL	HETEL is an association of 27 VET centres, located in the Basque Country.	Spain	✓
 	H-Farm	H-FARM's educational offer covers a wide age range, from 3 years old and up, ranging from small children to young professionals and senior managers, for a current total of over 2,300 students.	Italy	✓

Figure 12 List of Training Providers Visualised (Source: DITA, 2021)

The Edit (pencil) and Trash options will be available only for editors and administrators. Therefore, those users with read-only rights will have a simpler view (and a different button to click).

If you click on EDIT, you will be able to modify the profile of the Organization “Training Provider”.





 With the support of the Erasmus+ Programme of the European Union
 DIGITAL INDUSTRY TRAINING ATLAS
Training Providers
Administrator System

Map
Logout

Logo



upload training provider logo (png, .jpg)

Approved

approved training providers are visible on map

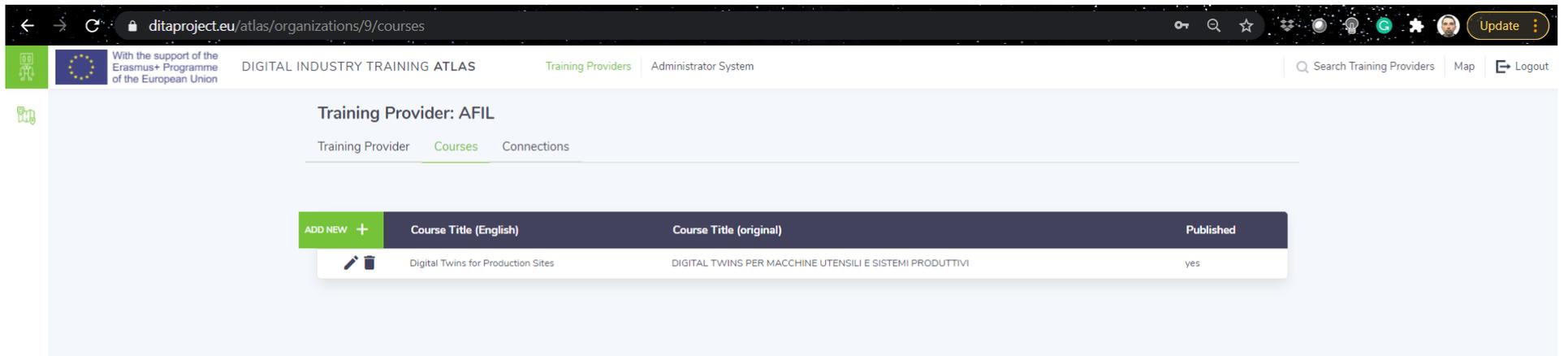
<p>English Name *</p> <input type="text" value="AFIL"/> <p style="font-size: 8px;">training provider name in English language (200 characters)</p> <p>Original Name *</p> <input type="text" value="AFIL"/> <p style="font-size: 8px;">training provider name in original language (200 characters)</p> <p>Description</p> <div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;"> <p style="font-size: 8px;">AFIL is the Lombardy Advanced Manufacturing cluster officially recognized by the Lombardy Regional Government that groups the stakeholders of the region's manufacturing sector. Organisation (OO) number: 0123456789 (format: DD-XXXX-XXXX-XXXX)</p> </div> <p style="font-size: 8px;">training provider description (unlimited length)</p> <p>Address</p> <input type="text" value="Milano"/> <p style="font-size: 8px;">training provider address, excluding country name, which is specified below (200 characters)</p> <p>Country *</p> <div style="border: 1px solid #ccc; padding: 2px;"> Italy </div> <p style="font-size: 8px;">select appropriate training provider country</p> <p>GPS Location</p> <input type="text" value="45.4668 - 9.1905"/> <input type="button" value="Set GPS"/> <p style="font-size: 8px; margin-top: 5px;">after filling out address and country, click on the 'Set GPS' button to calculate coordinates. If more than one result is available, you will have to choose the most appropriate one</p>	<p>Contact Name *</p> <input type="text" value="Roberta Curiazzi"/> <p style="font-size: 8px;">training provider contact person's name (200 characters)</p> <p>Contact Phone</p> <input type="text" value="training provider contact phone (e.g. +39 555 5925)"/> <p style="font-size: 8px;">training provider contact phone number (50 characters). Please include international calling code</p> <p>Contact e-mail *</p> <input type="text" value="training provider contact e-mail (e.g. name@example.com)"/> <p style="font-size: 8px;">training provider contact e-mail address (100 characters)</p> <p>Contact Web Site</p> <input type="text" value="http://www.afil.it"/> <p style="font-size: 8px;">training provider website (200 characters)</p> <p>Social Network</p> <input type="text" value="training provider social network url (e.g. Facebook / LinkedIn page)"/> <p style="font-size: 8px;">training provider social channel (e.g. Facebook or LinkedIn page address) (200 characters)</p> <p>Video Presentation</p> <input type="text" value="training provider video presentation url"/> <p style="font-size: 8px;">training provider video presentation url (e.g. link to YouTube or Vimeo or other video resource) (200 characters)</p>
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Figure 13 Visualisation of the Training Provider Profile (Source: DITA, 2021)

3.4 Organizations: Training Providers > Add Courses

When a “Training Provider” profile will be created and saved, you will be able to add its courses.

If you click on Add new +, you will be able to add a new “Course” and to describe it providing any relevant information.



The screenshot shows the 'Add Course' interface for Training Provider AFIL. The page title is 'Training Provider: AFIL' and the active tab is 'Courses'. There is an 'ADD NEW +' button. Below it is a table with the following data:

ADD NEW +	Course Title (English)	Course Title (original)	Published
 	Digital Twins for Production Sites	DIGITAL TWINS PER MACCHINE UTENSILI E SISTEMI PRODUTTIVI	yes

Figure 14 Visualisation of Adding a Course (Source: DITA, 2021)

3.5 Organizations: Training Providers > Add Connections

Each “Training Provider” could create one or more “Connections” with other training providers and provide a “Description” of the established cooperation mechanisms defining the registered “Connections”:

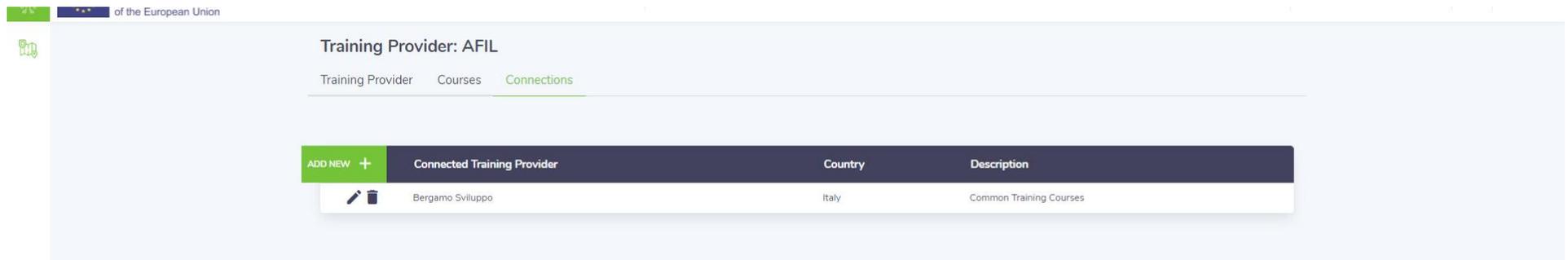


Figure 15 Visualisation of Adding a Connection (Source: DITA, 2021)

If you click on Add new +, you will be able to add a new “Connection”. On the next page, you can find examples of potential cooperation mechanisms which define connections between training providers.



***EXAMPLE OF COOPERATION MECHANISMS DEFINING CONNECTIONS BETWEEN TRAINING PROVIDERS**

- a) Two or more training organizations find training parts or modules within their training offer which are open (or easier) to be connected with other modules (provided by other training organizations), thus leading to a richer training scheme.**

Example: Digit-T Project: The training materials developed were selected based on the project team's broad experience of Industry 4.0 and Industry 4.0 technologies, and an industry survey of SMEs which was carried out at the start of the Digit-T project.

The Digital Manufacturing Training System for SMEs (Digit-T) project was created to develop a coherent training program for SMEs to aid them in accessing clear and useful information about Digital Manufacturing. Digit-T is a collaborative project led by the [University of Nottingham \(UK\)](#) in conjunction with [STIIMA-CNR \(Italy\)](#), [EURECAT \(Spain\)](#) and [Associazione Fabbrica Inteligente Lombardia \(AFIL, Italy\)](#).

How: The training organization, if interested in establish a cooperation mechanism, can provide information about the “open” courses available in order to find possible matching among partners.

- b) A training organization is looking for a complementary module to improve its training offer. Thus, the need is very clear and expressed in a specific topic or technological domain.**

Example: a training organization has already set up a training course in a specific technological domain and would like to implement a specific part where there are some weaknesses.

How: The training organization can launch among the DITA ATLAS registered organizations an expression of interest to find the right match, expressing what it is looking for.

- c) Training providers who are looking for partners to offer complete supply for relevant skills for the Digital Industry.**

Example: some training organizations need to cover more technological domains from their current offer and would like to implement training programs together with partners able to supply complementary skills for the Digital Industry also considering the potential of reaching new markets,

How: The training organization can explore the DITA ATLAS registered organizations and then send an expression of interest to find the right match, expressing what it is looking for.



4 Conclusion

The ERASMUS+ "Digital Industry Training Atlas" map, is a tool that enables the exchange of information among stakeholders, Training Providers and potential future students, offering information on relevant courses to increase skills and competences in the field of digital transformation in the European industry landscape. The purpose of this document has been to provide users of the tool, insights on how to complete the following steps:

- Sign-Up
- Log-In
- Create a new Organization and its Courses
- Creating a New Organisation
- Creating a New Course
- Search Courses
- Search Training providers
- Organizations: Training Providers > Edit Training provider
- Organizations: Training Providers > Add Courses
- Organizations: Training Providers > Add Connections

For further details please contact us via Web Contact Form at the following weblink <https://www.ditaproject.eu/contact-dita-project/>