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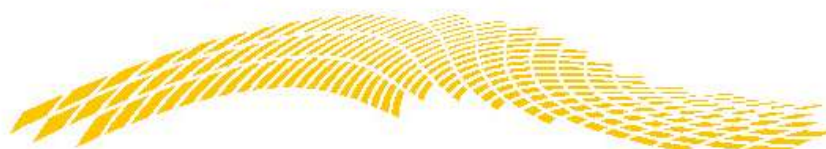


EUROPEAN UNION

ADRIATIC-IONIAN

European Regional Development Fund - Instrument for Pre-Accession II Fund

ECO-NautiNET



“ECONAUTINET” - PROJECT NUMBER: 398

Adriatic-Ionian Programme Interreg V-B (ADRION) 2014-2020

Guide through the ECO-NautiNET platform functionalities v2.0

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Following chapters bring step by step instructions for use of each functionality on the ECO-NautiNET platform. Functionalities are presented chronologically in order of appearance to the user, when users tries to set up their profile and use the platform.

1. Sign up to the platform

First step user can take on the homepage is to choose to log in or sign up (in case of first visit to the platform). In Figure 1 location of the log in /sign up button is shown.

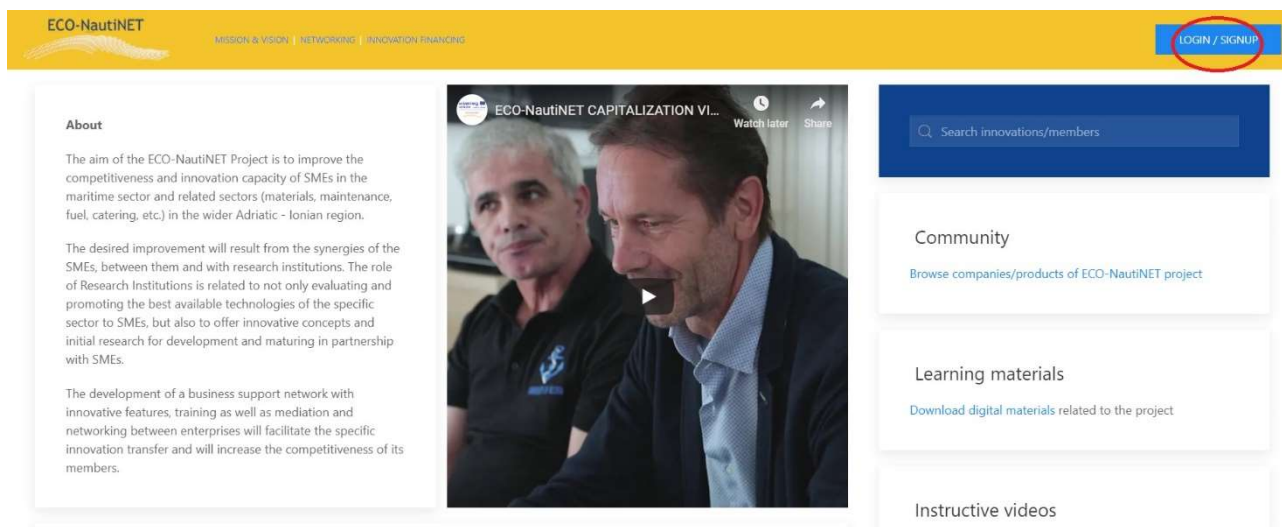


Figure 1 Homepage and sign-up button

There are two ways to sign up to the ECO-NautiNET platform, as a user which has options to create new companies later on, as a two-step approach or as a company in one step. This choice is shown in Figure 2.

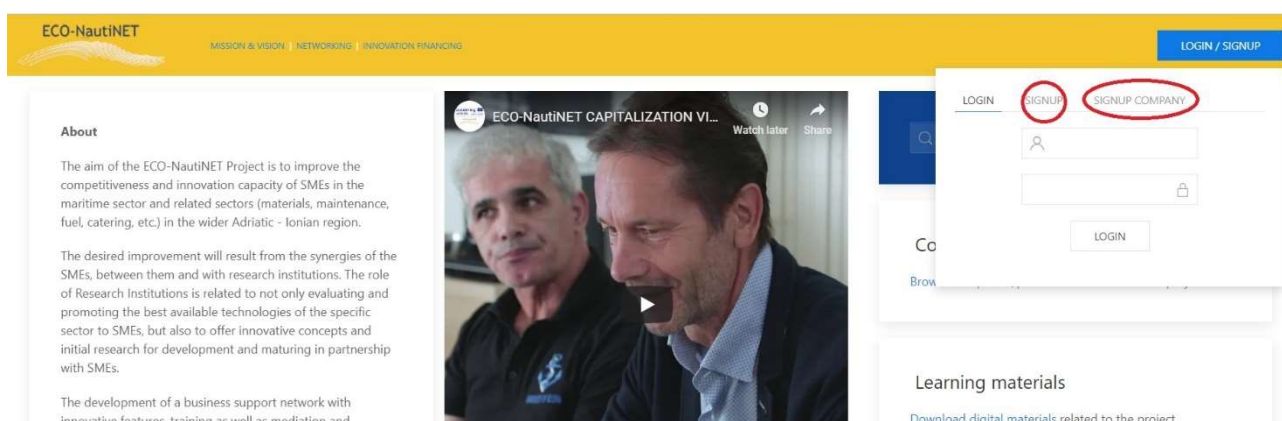


Figure 2 Choice of one step or two-step sign up

[LOGIN](#) [SIGNUP](#) [SIGNUP COMPANY](#)

Username(6-32 characters, alphanumeric)

E-mail

Password (6-32 characters)

Retype password

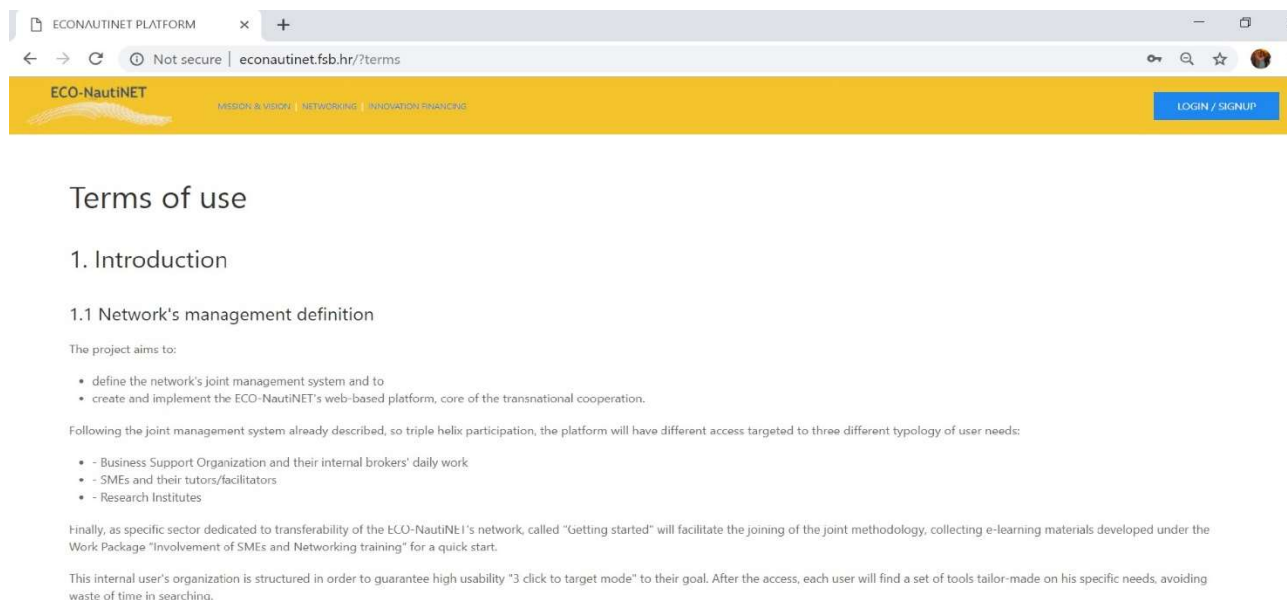
☐ I accept [ECO-NautiNET platform terms](#)

Figure 3 One step sign up - terms of use

In Figure 3 the form for two-step sign up is presented and this step offers the user to view ECO-NautiNET platform's terms of use. The terms of use are identical to the contents of D T.2.1.1 Agreement on ECO-NautiNET model of Network's joint management system, except for the need of signature and stamp, which is not needed in the online acceptance of these terms. When the user clicks on the link "ECO-NautiNET platform terms", new tab opens and the whole text of Terms of use can be viewed. This is illustrated by Figure 4.

Once the user accepts the Terms of use, they are allowed to click "Submit" button.

Clicking on "Submit" button automatically sends an e-mail for the confirmation of the account on the user-imputed e-mail address. Example of such e-mail is shown by Figure 5.



The screenshot shows a web browser window with the address bar displaying "econautinet.fsb.hr/?terms". The page has a yellow header with the "ECO-NautiNET" logo and navigation links: "MISSION & VISION", "NETWORKING", and "INNOVATION FINANCING". A "LOGIN / SIGNUP" button is in the top right corner. The main content area is titled "Terms of use" and includes the following sections:

- 1. Introduction**
- 1.1 Network's management definition**

The text under 1.1 states: "The project aims to:" followed by a bulleted list:

- define the network's joint management system and to
- create and implement the ECO-NautiNET's web-based platform, core of the transnational cooperation.

Below this, it says: "Following the joint management system already described, so triple helix participation, the platform will have different access targeted to three different typology of user needs:" followed by another bulleted list:

- - Business Support Organization and their internal brokers' daily work
- - SMEs and their tutors/facilitators
- - Research Institutes

The final paragraph states: "Finally, as specific sector dedicated to transferability of the ECO-NautiNET's network, called 'Getting started' will facilitate the joining of the joint methodology, collecting e-learning materials developed under the Work Package 'Involvement of SMEs and Networking training' for a quick start."

A concluding sentence reads: "This internal user's organization is structured in order to guarantee high usability '3 click to target mode' to their goal. After the access, each user will find a set of tools tailor-made on his specific needs, avoiding waste of time in searching."

Figure 4 Terms of use of ECO-NautiNET platform

ECONAUTINET: User validation Inbox x



ECONAUTINET econautinet@fsb.hr via sdewes.org
to antun ▾

10:26 AM (0 minutes ago) ☆ ↶ ⋮

English ▾ > Greek ▾ [Translate message](#)

[Turn off for: English](#) x

Dear ECONAUTINET user,

Please use the following link to validate your email and start using the system:

https://econautinet.fsb.hr/?validate_email=9acaf23548fdc6cb83858d68e7230bda

Best regards,

ECONAUTINET Platform

This is an automated message. Please do not reply directly to it.

Figure 5 User validation e-mail

Alternative way to handle the signup process is one step approach for companies. This approach opens a form (Figure 6) in which user can input basic details about the company, including interest and short description. Also, like in the previous approach, user needs to accept the Terms of use.

LOGIN
SIGNUP
SIGNUP COMPANY

OPEN SIGNUP FORM

Company name

Type

City

Address

Country

VAT number

Username(6-32 characters, alphanumeric)

E-mail

Password (6-32 characters)

Retype password

☐ I accept [ECO-NautiNET platform terms](#)

Description

Short description

Interests:

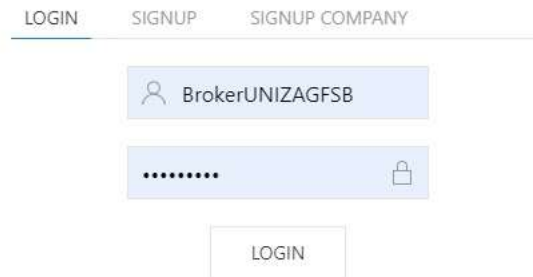
- ☐ Shipbuilding
- ☐ Nautical equipment
- ☐ Metal processing
- ☐ Renewable energy sources
- ☐ Engineering and design
- ☐ Nautical marina, Services

Figure 6 One step signup for companies

User will, after submitting the form, receive the same e-mail for verification as it was the case in previous approach.

2. Profile creation

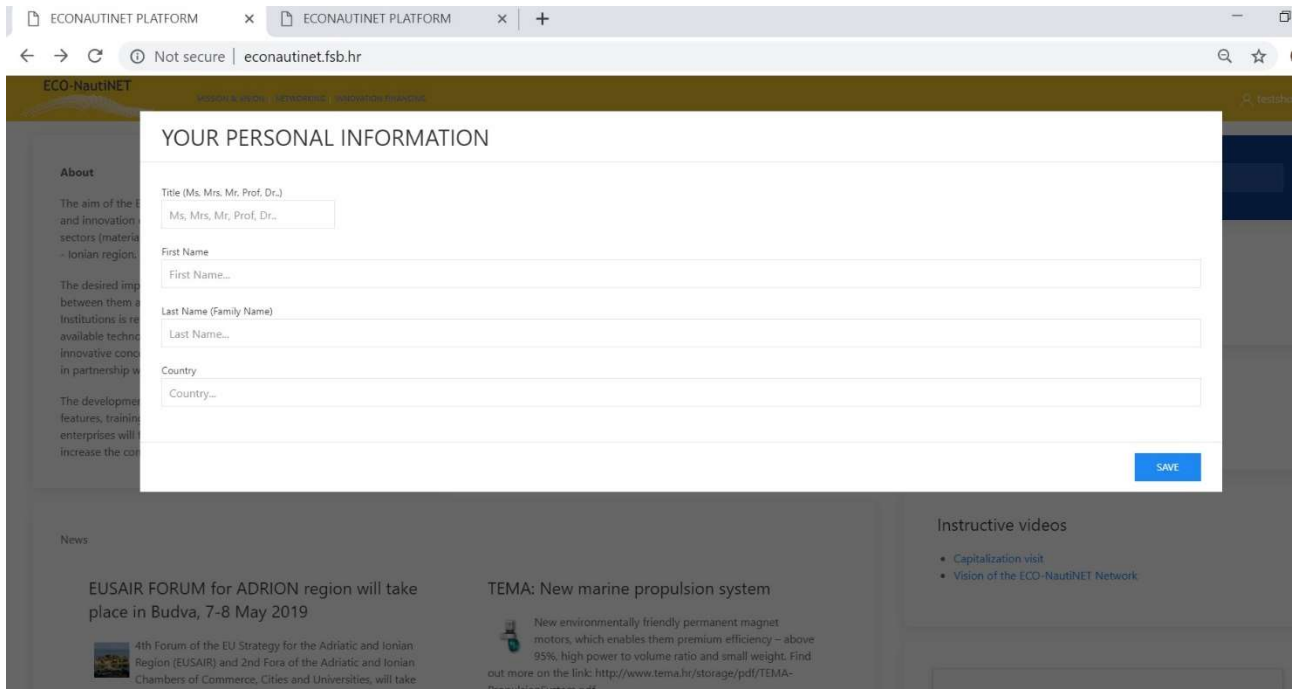
After the user verification e-mail has been responded, user can log in to the platform, using the chosen username and password (defined by user in the sign up form), as show in Figure 7.



The login form is located at the top of the page with three tabs: LOGIN, SIGNUP, and SIGNUP COMPANY. The LOGIN tab is active. Below the tabs, there is a username input field containing 'BrokerUNIZAGFSB' with a user icon on the left. Below that is a password input field with masked dots and a lock icon on the right. At the bottom of the form is a 'LOGIN' button.

Figure 7 Login data

Once user logs in, personal information is requested, as shown in Figure 8. This information is used for the purposes of platform's statistics and to personalize the profile.



The screenshot shows a web browser window with the URL 'econautinet.fsb.hr'. The page title is 'ECO-NautiNET'. A modal window titled 'YOUR PERSONAL INFORMATION' is displayed in the center. The form contains the following fields: 'Title (Ms, Mrs, Mr, Prof, Dr.)' with a dropdown menu showing 'Ms, Mrs, Mr, Prof, Dr..'; 'First Name' with a text input field; 'Last Name (Family Name)' with a text input field; and 'Country' with a dropdown menu showing 'Country..'. A blue 'SAVE' button is located at the bottom right of the modal. The background of the page shows a sidebar with 'About' and 'News' sections, and a main content area with articles like 'EUSAIR FORUM for ADRION region will take place in Budva, 7-8 May 2019' and 'TEMA: New marine propulsion system'.

Figure 8 Personal information

Following the user's profile personalization, user can now access their personal area on the platform. This area is offered after the user clicks on their name in the upper right corner of the screen (Figure 9).

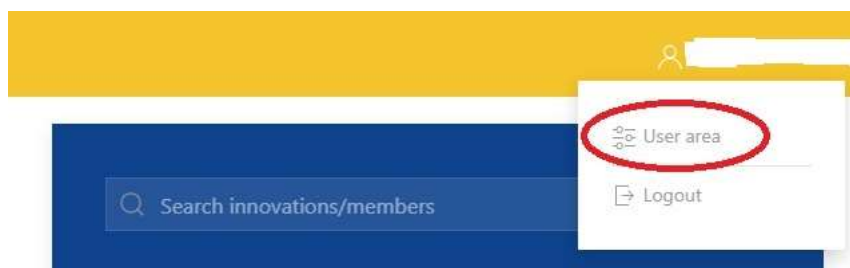


Figure 9 Access to the user area

User's area offers several functionalities: Company profile creation (in case of one stage signup, this profile is filled with data inputed by user during the registration), products/technologies publication function and conversation function. Figure 10 shows the view on user's area.

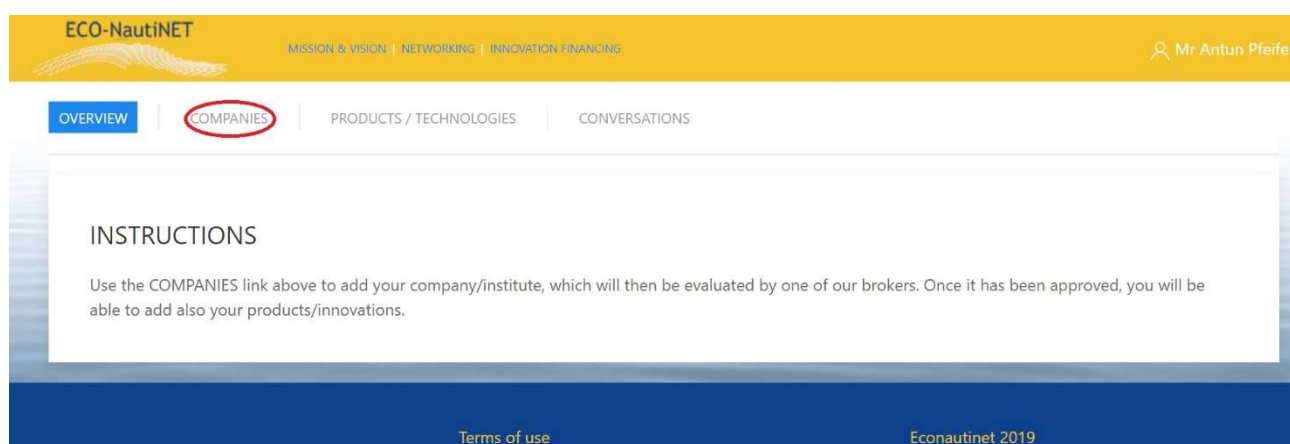


Figure 10 Functionalities in the user's area

After choosing the “companies” section, user can add a new company which they will be able to represent and create a profile for them. If there are several companies handled by the same user, they can be visible on the list in “companies” section (Figure 11).

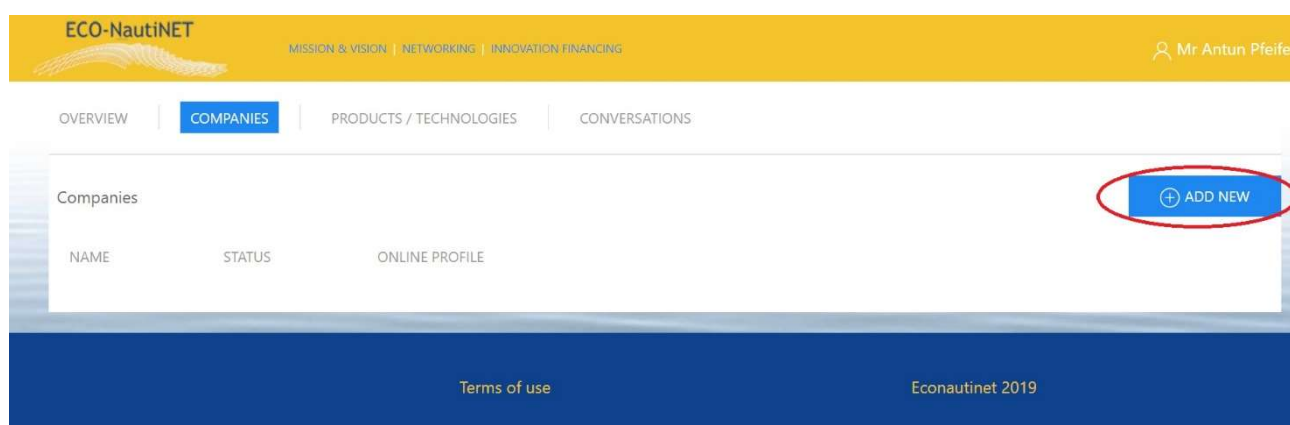


Figure 11 "Companies" section

Company's profile (shown in Figure 12), consists of basic information about the company (1), detailed description of the main activities and interests of the company (2), options to upload documents about the company (3) and option to upload pictures which will be shown on the public profile (4).

Figure 12 Companies profile

Next functionality on disposal for users is publication of their products, technologies or innovative concepts. For this functionality, users profile and company profile must be approved by the broker. Otherwise, the message visible on Figure 13 will appear.

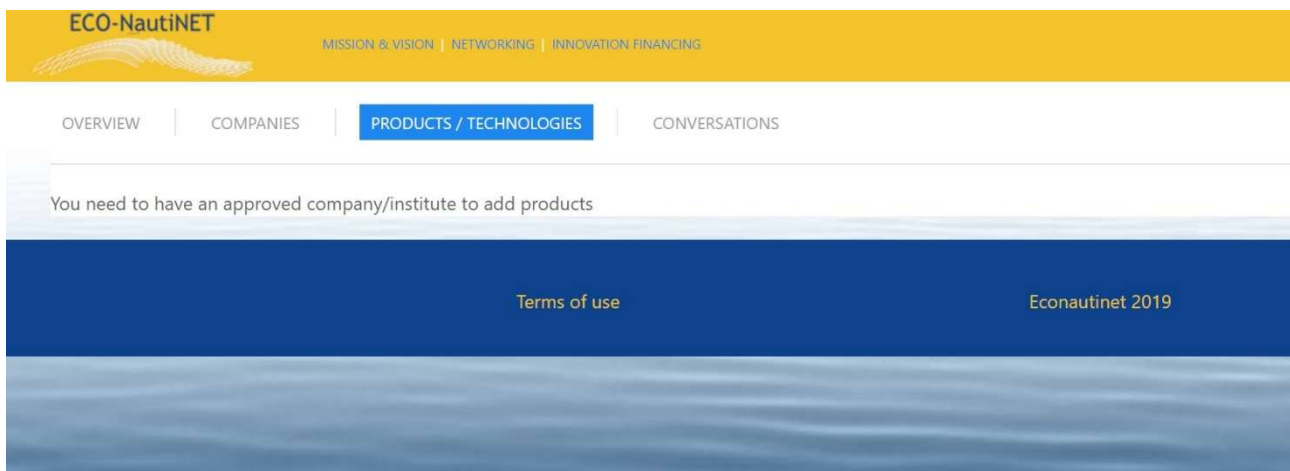


Figure 13 Warning message in case company profile is not yet approved

After the profile has been approved, user can also request match, by clicking a button “Request match”, located in users are, under Companies list, as show in Figure 14.

OVERVIEW | **COMPANIES** | PRODUCTS / TECHNOLOGIES | CONVERSATIONS

Companies + ADD NEW


NAME	STATUS	ONLINE PROFILE	MATCHING
-	Approved		Request match Edit

Figure 14 Request match option

Following this user's request, brokers receive an e-mail with details about the user and the request and can approach the handling of this request (chapter 6).

3. Publication of products and innovations

Functionality which allows for publication of products, technologies and innovative concepts is available to users once their user and company profile is approved by the broker. To add a new product/technology, the procedure is similar to the procedure of creating a new company profile. User needs to use “add new” button to create new products. Existing products can be changed by clicking on “Edit” button, as visible in Figure 15.

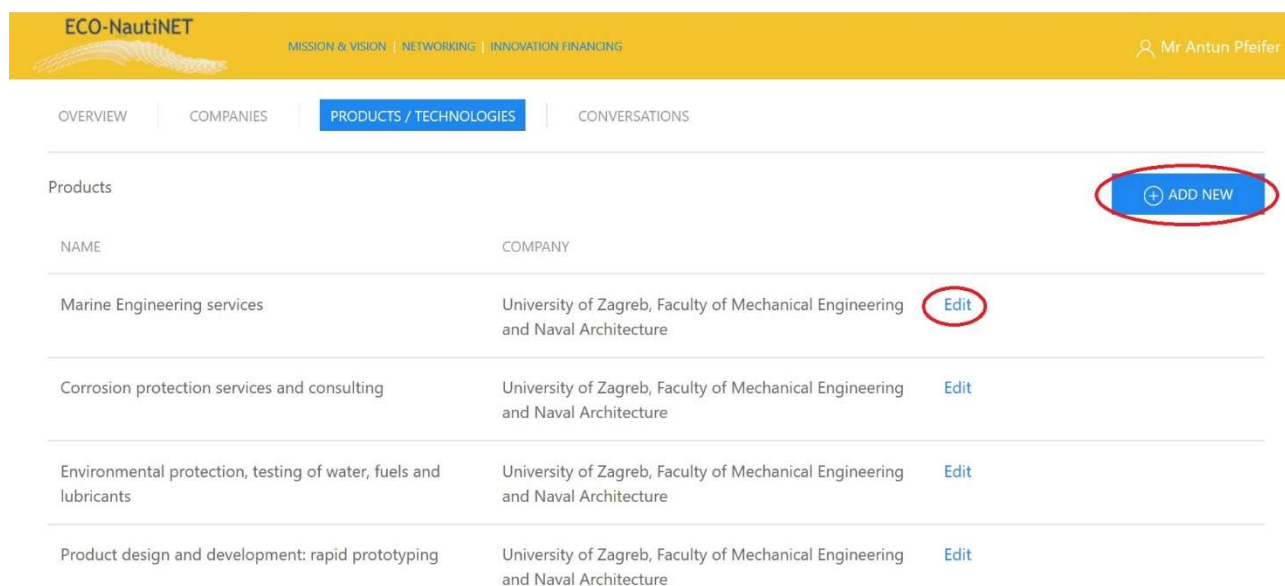


Figure 15 Publication of products/ technologies

To input details about the product (Figure 16), user can add information such as products name, short an long description (1), type of the product, wether it is public or private content and interests which this product/technology addresses (2) and it is possible to upload documents which might bring more details or illustrate the use of product/technology (3).

1 Product name
 Name:
 Company: University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture
 Short description:
 Detailed description:
2 Product type: --SELECT TYPE--
 public ☒
 Interests:
☐ Construction
☐ Nautical equipment
☐ Materials
☐ Renewable energy sources
☐ Engineering and design
☐ Management, Services
3 UPLOADED DOCUMENTS
 SAVE

Figure 16 Detailed description of the product

4. Homepage and search options

Homepage (Figure 17) consists of several tabs and links to sections on the ECO-NautiNET platform. On top of bringing the main information about the project and the Network, news, new members and technologies sections, it brings the calendar, mission and vision tab, statistics overview tab and tab dedicated to useful information about the opportunities for funding of industry-academy joint projects.

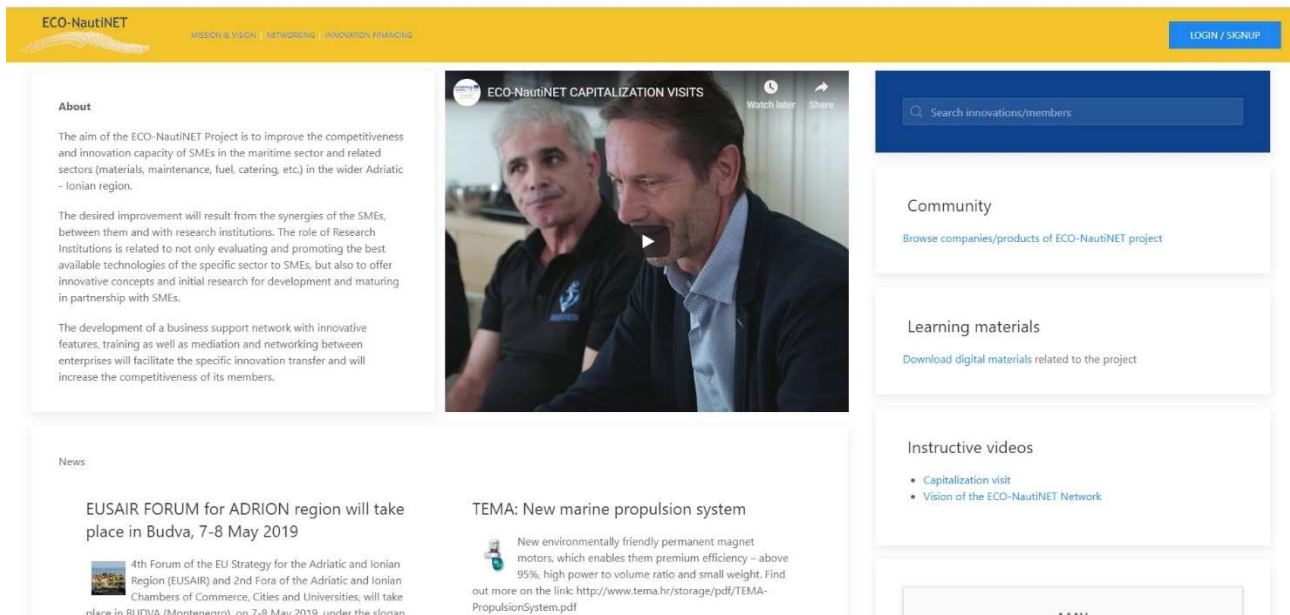


Figure 17 Homepage

In order to search for network members, user can choose between general search mechanism and community tab, while learning materials can be found as a separate section, as illustrated by Figure 18.

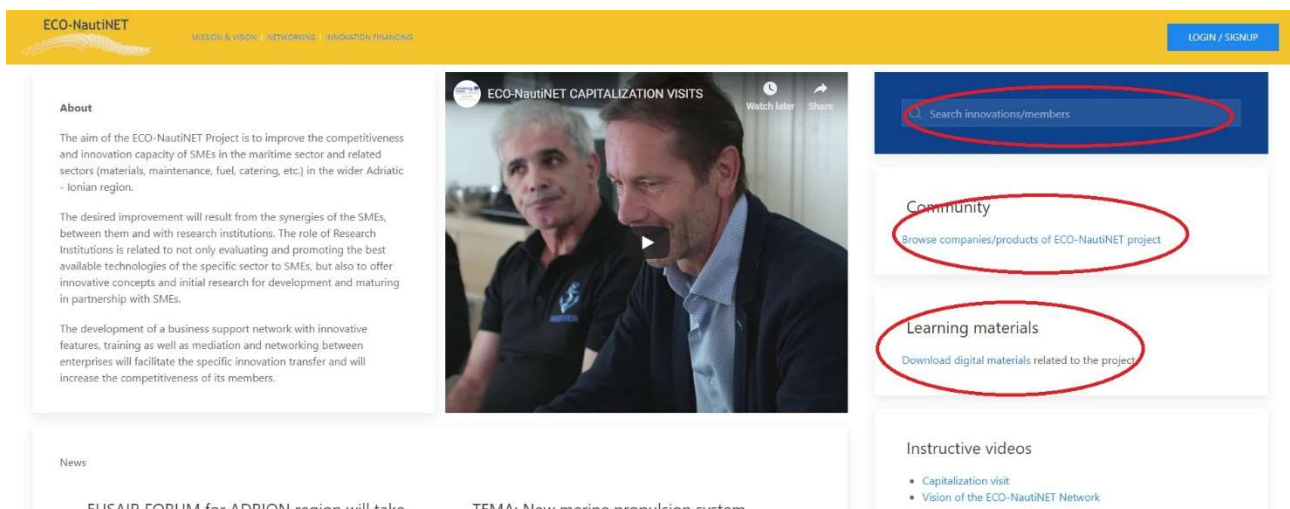


Figure 18 Main sections on the homepage to search for content

To give a quick access to the interesting and instructive video content, separate section is prepared for uploads and publication of videos about the project and, in future, about content that would be useful for Network members (Figure 19).

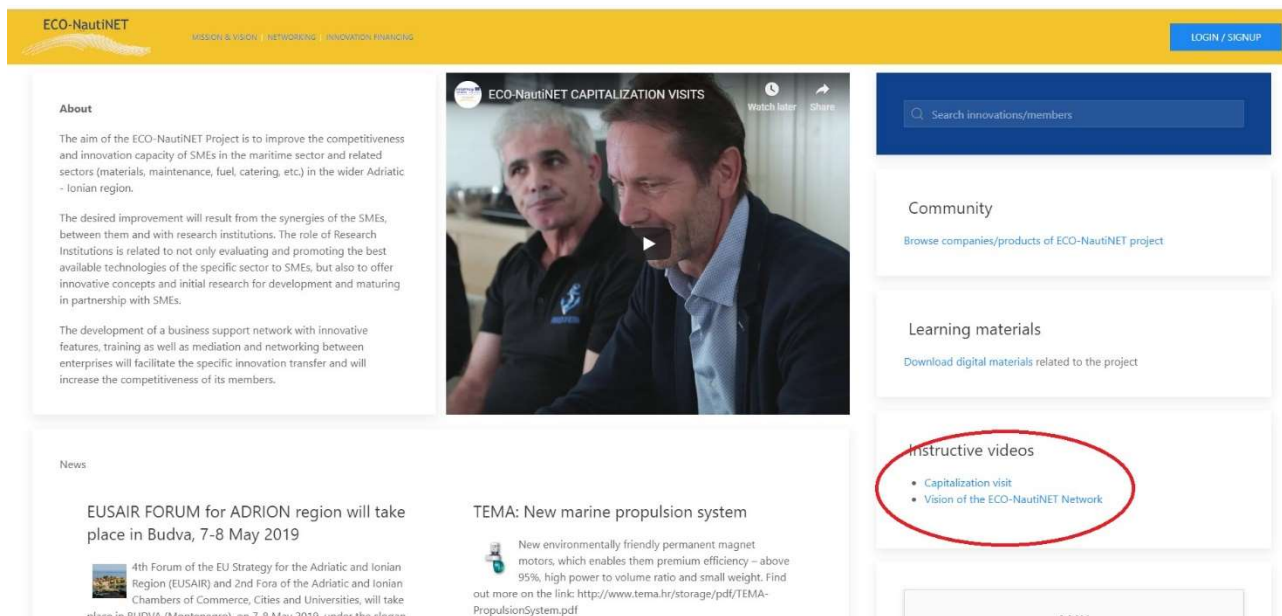


Figure 19 Instructive videos section

Homepage has a centrally placed “News” section, which brings most interesting events and new technologies from outside of the Network (Figure 20).

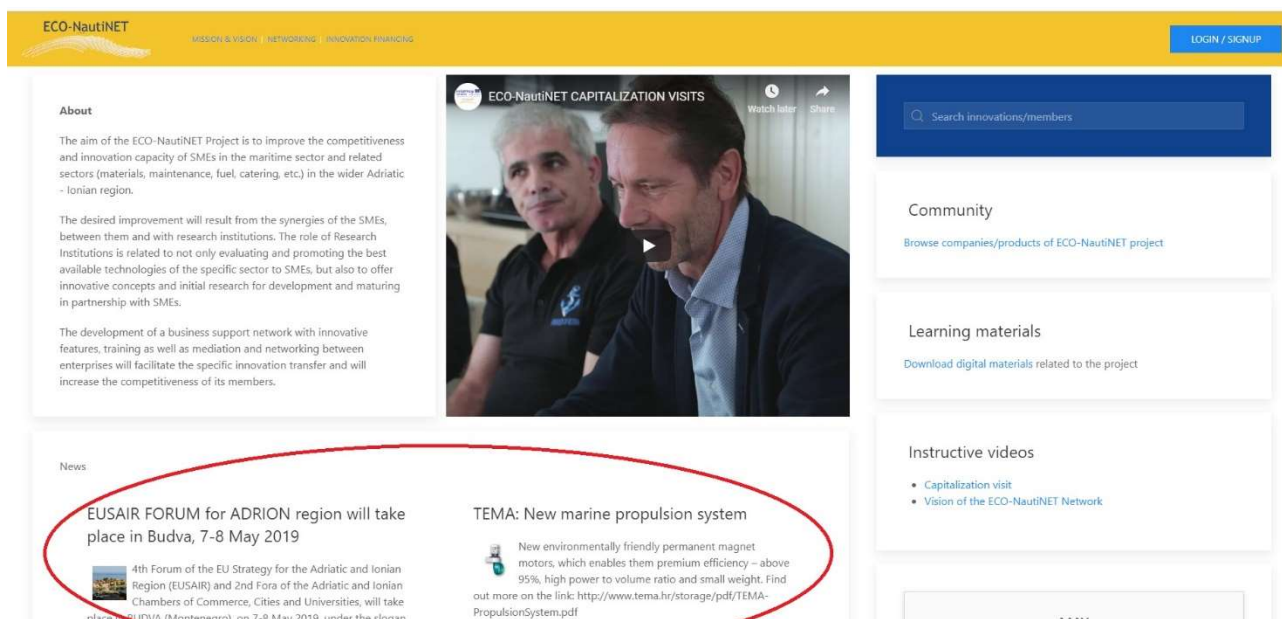


Figure 20 The News section

Also, dynamics sections about new Network members, who created a profile on the platform, and about new innovative concepts and technologies published by registered members are placed under the news section (Figure 21).

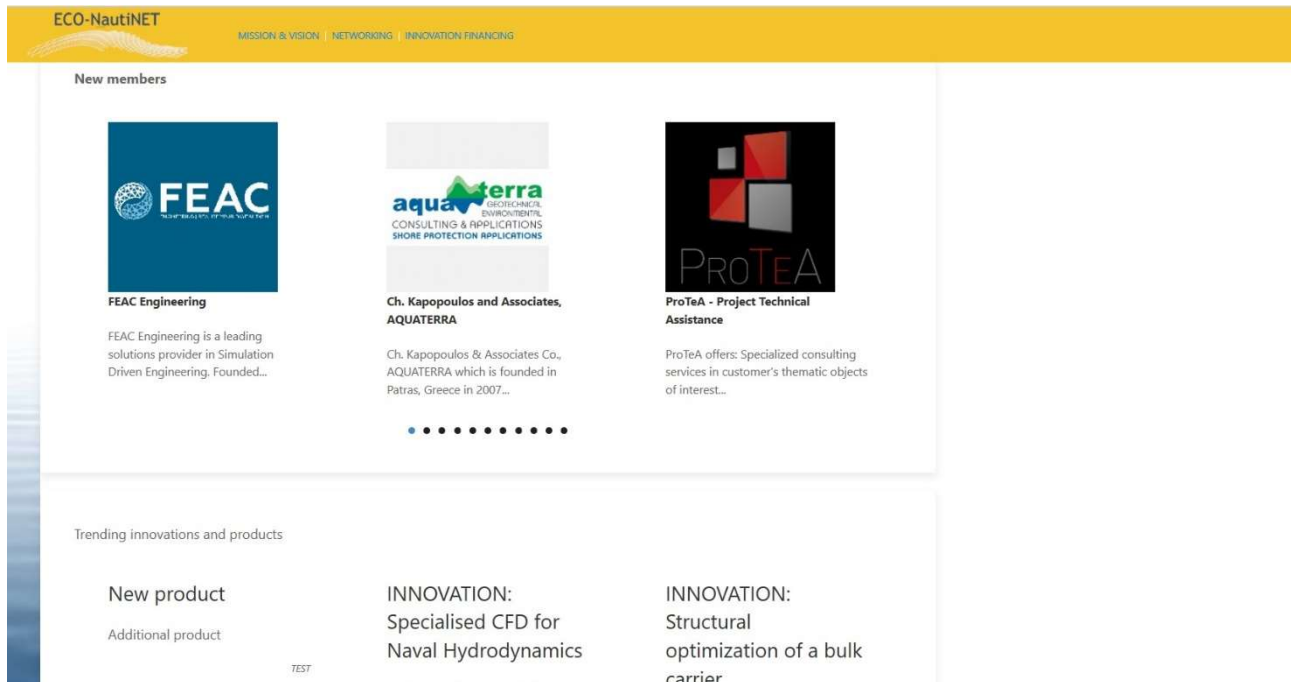


Figure 21 New members and technologies section

By clicking on the “Community” tab, users can browse through the existing profiles of network members who have their profiles approved by the brokers. Figure 22 illustrates this community section, which enables users to see all existing members on the platform.

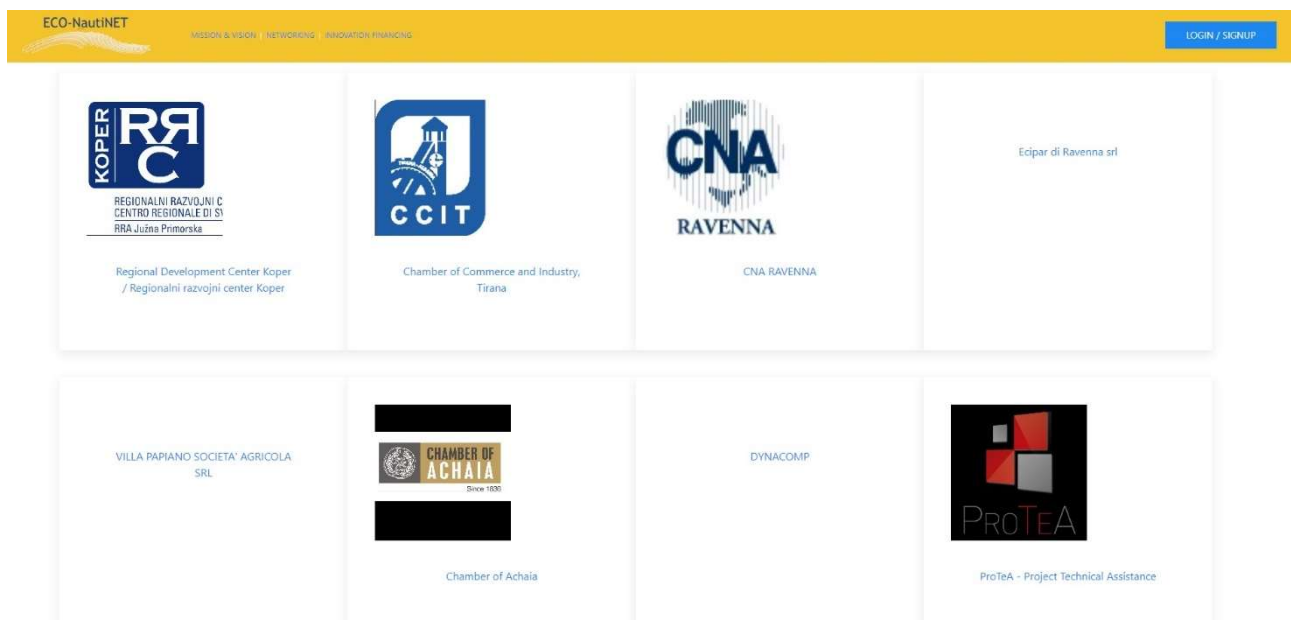


Figure 22 Community section

General search functionality

To search through the any number of different subjects, themes and interests, general search mechanism is available for the users and is located in the upper right corner of the homepage. Results of the search bring the approved profiles and presentations of the published (and public!) products currently on the platform.

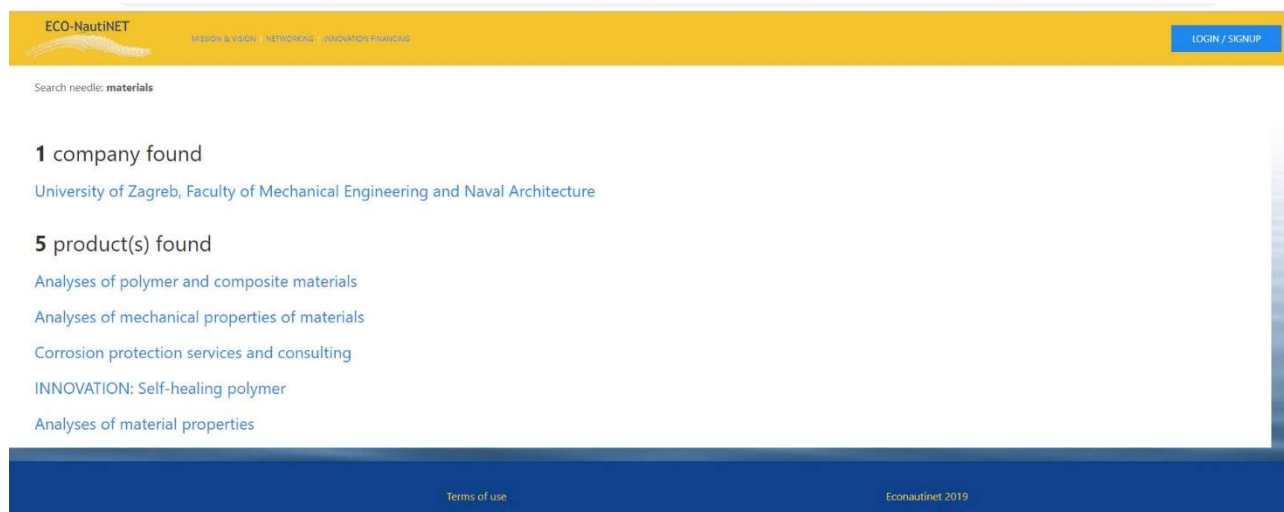
In case of search for keyword “university”, the Figure 23 brings the results in the form of presently registered companies and institutions, as well as product/innovation/technology descriptions which mention the keyword.



The screenshot shows the ECO-NautiNET homepage with a yellow header. The search bar at the top left contains the text "Search needle: university". The search results are displayed in two sections: "2 companies found" and "1 product(s) found". The companies listed are "University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture" and "Ch. Kapopoulos and Associates, AQUATERRA". The product listed is "Innovative technical arrangement for coastal erosion mitigation". The footer is a dark blue bar with "Terms of use" and "Econautinet 2019" links.

Figure 23 Search results: keyword "university"

In case of search for keyword “materials”, results in Figure 24 bring the institution which has interest in the field to which the keyword belongs and products which have such keyword among the interests they are declared to be addressing.

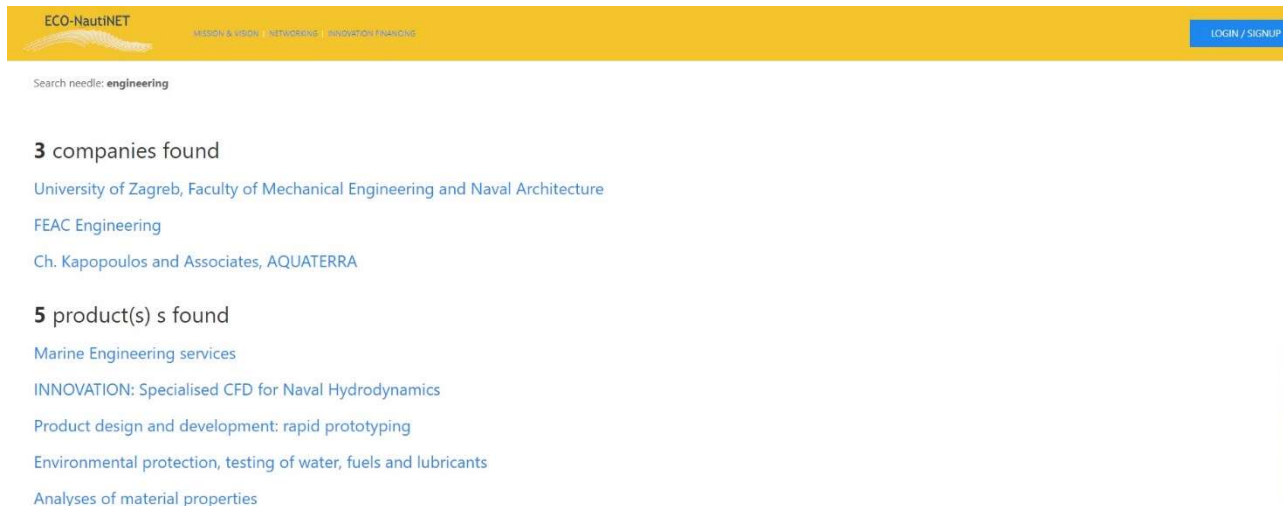


The screenshot shows the ECO-NautiNET homepage with a yellow header. The search bar at the top left contains the text "Search needle: materials". The search results are displayed in two sections: "1 company found" and "5 product(s) found". The company listed is "University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture". The products listed are "Analyses of polymer and composite materials", "Analyses of mechanical properties of materials", "Corrosion protection services and consulting", "INNOVATION: Self-healing polymer", and "Analyses of material properties". The footer is a dark blue bar with "Terms of use" and "Econautinet 2019" links.

Figure 24 Search results: keyword "materials"



In case of the keyword “engineering”, we can see the largest spread of results in Figure 25, which brings back all the companies which have interest in the field of “engineering” and all the products which address “engineering” as such.



The screenshot shows the ECO-NautiNET website interface. At the top, there is a yellow navigation bar with the logo on the left and 'MISSION & VISION', 'NETWORKING', and 'INNOVATION FINANCING' in the center. On the right side of the bar is a blue button labeled 'LOGIN / SIGNUP'. Below the navigation bar, a search bar contains the text 'Search needle: engineering'. The results are divided into two sections: '3 companies found' and '5 product(s) found'. The companies listed are 'University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture', 'FEAC Engineering', and 'Ch. Kapopoulos and Associates, AQUATERRA'. The products listed are 'Marine Engineering services', 'INNOVATION: Specialised CFD for Naval Hydrodynamics', 'Product design and development: rapid prototyping', 'Environmental protection, testing of water, fuels and lubricants', and 'Analyses of material properties'.

Figure 25 Search results: keyword "engineering"

5. E-Learning section and useful information

E-learning section contains instructive materials (presentations, templates, documents and videos) which address the network building and user guides for the use of platform. Also, it is a “living” section, which will be updated with new materials.

To go to the e-learning section, user needs to click on the link marked in the Figure 26.

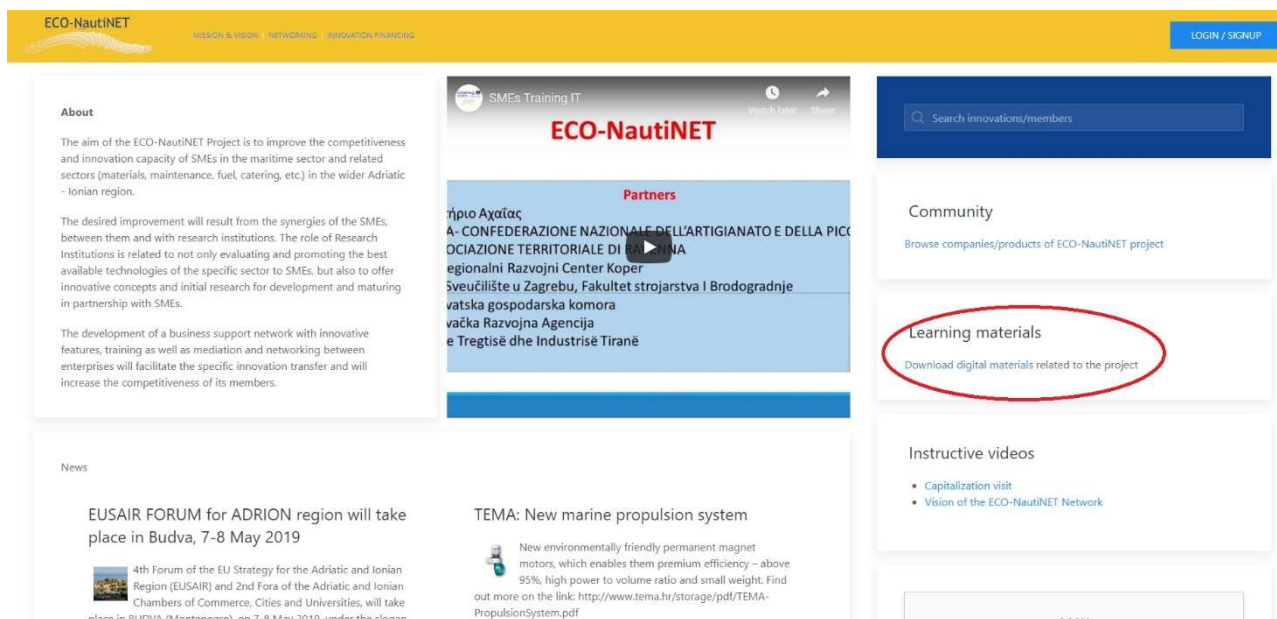


Figure 26 Go to the e-learning section

Once the user opens the e-learning section, they encounter the materials for various training, including the training of “Angels of change” in ECO-NautiNET Network, divided into various chapters:

Training programme and materials for distance learning of tutors and facilitators of the network

What is a network? Why creating it? Which are the advantages and fields of application?

BMC - The Business Model Canvas to build a network: theory and tool

Planning a platform for ECO-NautiNET network

Our experience of the training of tutors and facilitators

Presentation of best practices and experiences of networks

Also, this section includes internal guides for the use of functionalities of the platform and grows with new materials about innovation and product development. The view of this section is given in Figure 27.

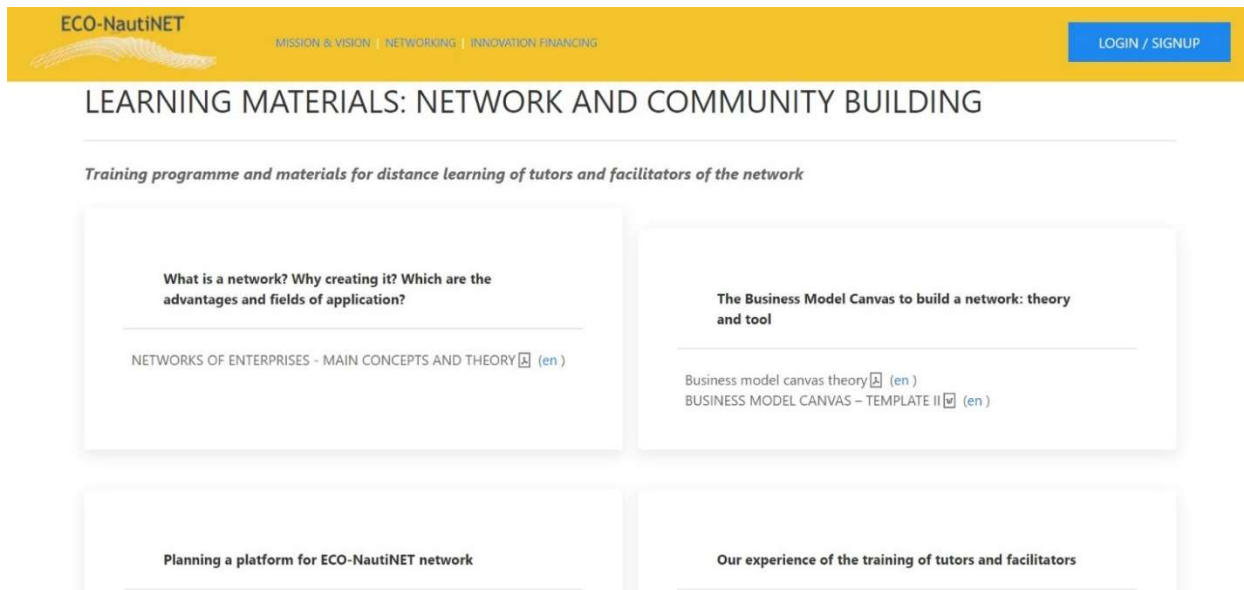


Figure 27 Learning materials section

To download the materials available in their own language, users need to click the link of the appropriate language, as presented by Figure 28.

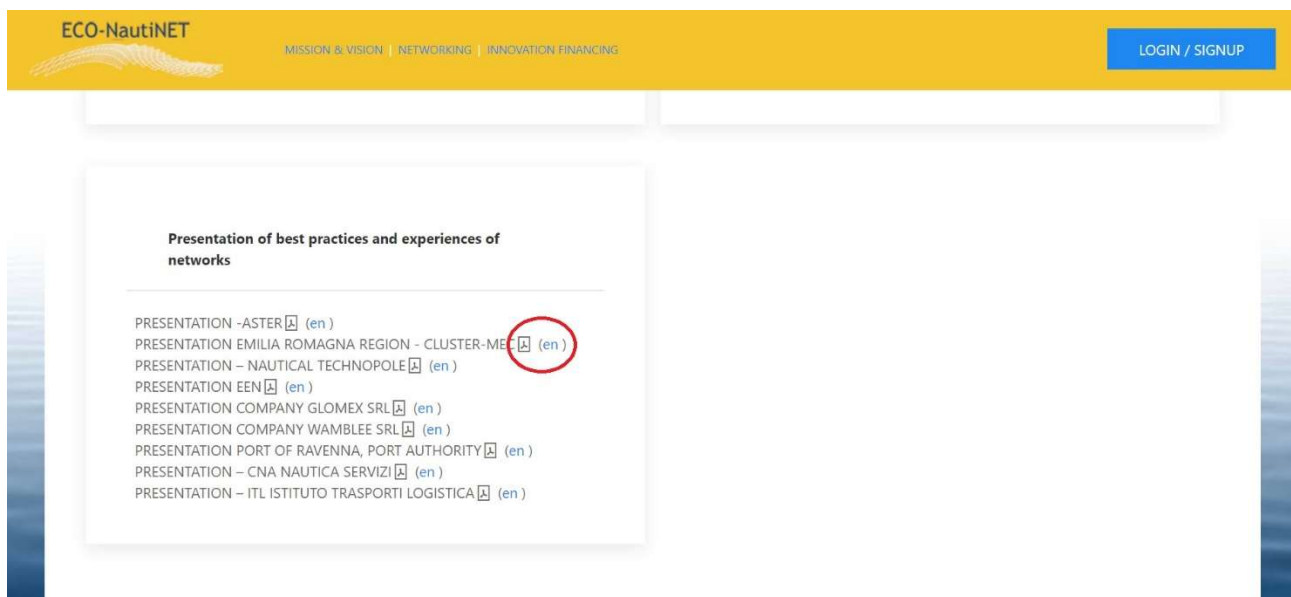
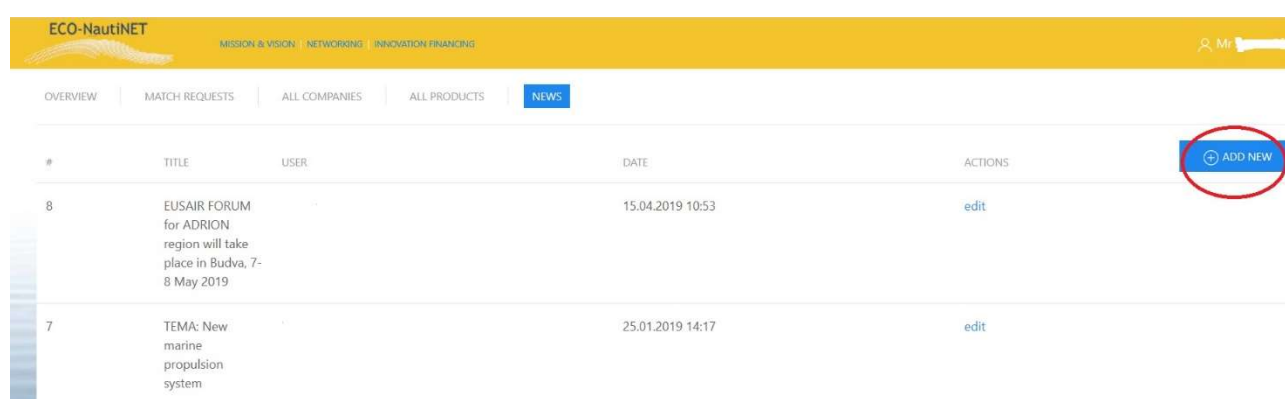


Figure 28 Downloading the materials

6. News publication

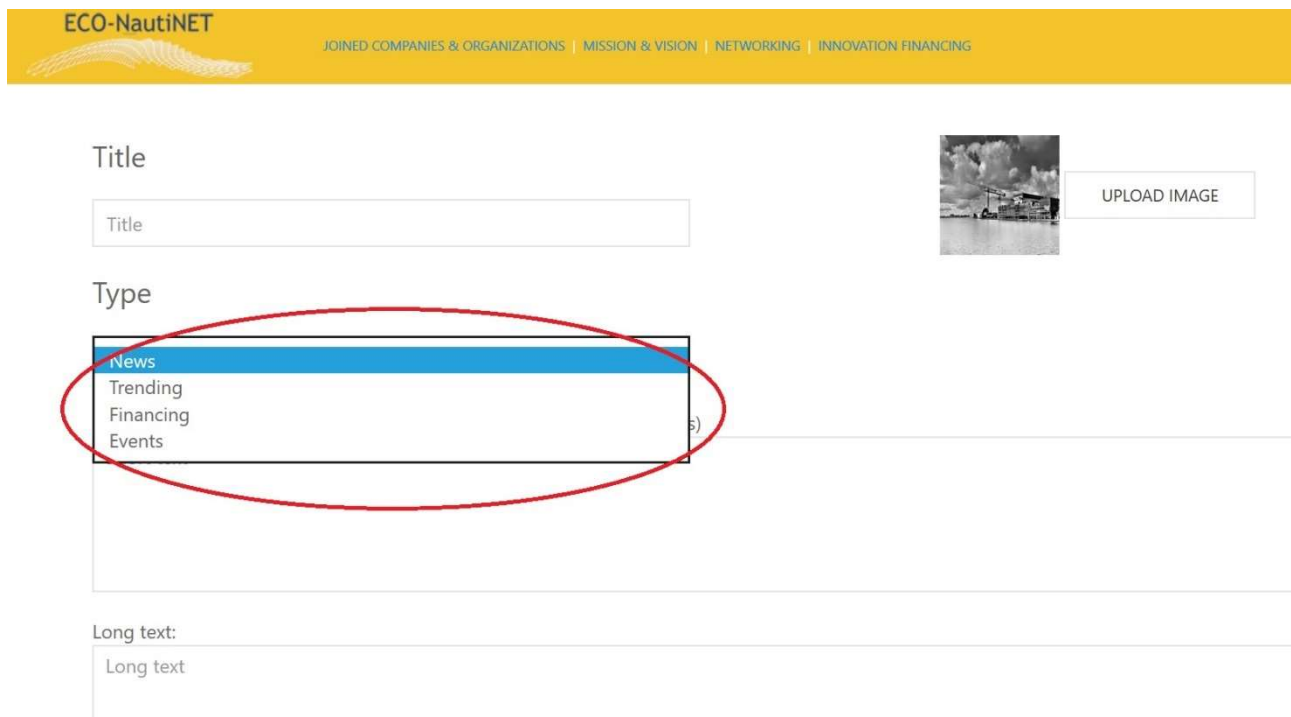
Business Support Organizations (BSOs) can publish news to the platform's homepage. This is performed by clicking the "news" tab and then "add new" button, as shown in Figure 29. Additional functionality to note is the possibility to make news active and inactive, depending on their relevance and in case the user does not wish to remove the news (for example, it is used for future reference). Making a news inactive will remove it from the homepage, but the content will remain on the platform.



#	TITLE	USER	DATE	ACTIONS
8	EUSAIR FORUM for ADRION region will take place in Budva, 7-8 May 2019		15.04.2019 10:53	edit
7	TEMA: New marine propulsion system		25.01.2019 14:17	edit

Figure 29 News publication

In order to create a new published news, BSOs have a sheet with information on disposal, as given in **Pogreška! Izvor reference nije pronađen..** They need to input Title, type of the news, short and long description, which will vary on the homepage (short) and after the users click on the news (long). Further on, BSOs can upload the figure that will accompany the news on homepage and in the view when the news are being opened by the users. Important thing to note is that the news are sorted according to the category: News, Trending, financial news which are to be published in the "Innovation financing" section, Events. This division is shown in **Pogreška! Izvor reference nije pronađen..**



ECO-NautiNET

JOINED COMPANIES & ORGANIZATIONS | MISSION & VISION | NETWORKING | INNOVATION FINANCING

Title

Type

News

Trending

Financing

Events

Long text:

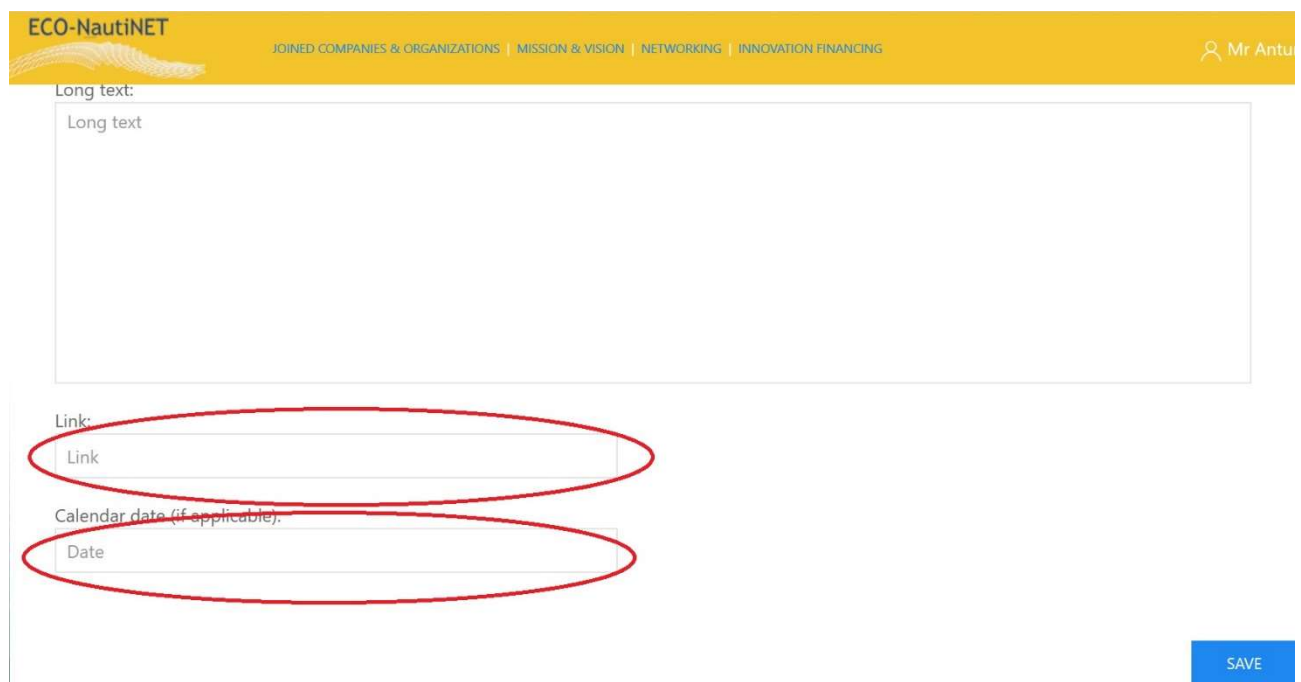
Long text

UPLOAD IMAGE

Figure 30 New news publication

In order to connect the news to the calendar on the homepage and to improve the user-friendliness, new fields were added to news publication (shown in Figure 31):

- Link: adds a hyperlink to the news, enabling to attach, for example, a link to the homepage of some event
- Calendar date: adds the news/event to the calendar, to warn users that it is happening on a particular date



ECO-NautiNET

JOINED COMPANIES & ORGANIZATIONS | MISSION & VISION | NETWORKING | INNOVATION FINANCING

 Mr Antu

Long text:

Long text

Link:

Link

Calendar date (if applicable):

Date

SAVE

Figure 31 New fields for news

7. Asking for help

In any previously mentioned section of the platform, users always have on their disposal, in the lower right corner of the screen, the “Ask for help” button, which expands into the console shown in Figure 32.

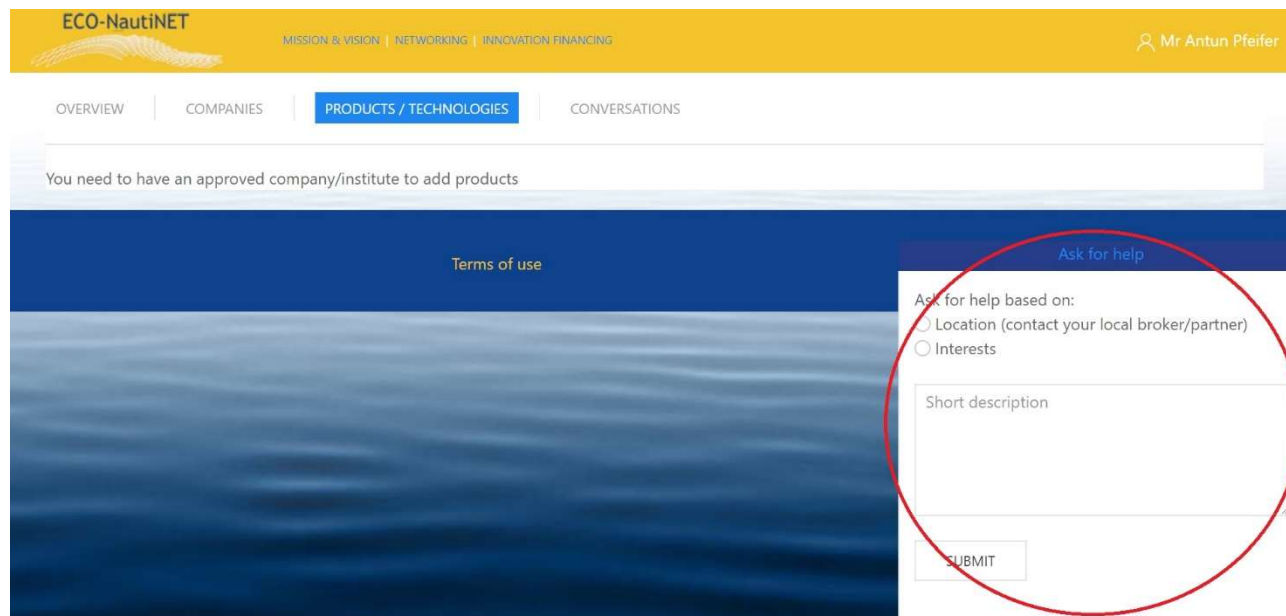


Figure 32 Ask for help

After the user clicks on “submit” button, Brokers will receive an e-mail with the content shown in Figure 33, with details needed to contact the user.

Dear ECONAUTINET admin,

New message from Mr Pfeifer (**An e-mail that was used on signup**):

Can you assist with the profile? I have a question...

Figure 33 E-mail from the user asking for help

After the response of Brokers is sent to the user’s e-mail, they can expect an e-mail from econautinet@fsb.hr address (similar to Figure 34).

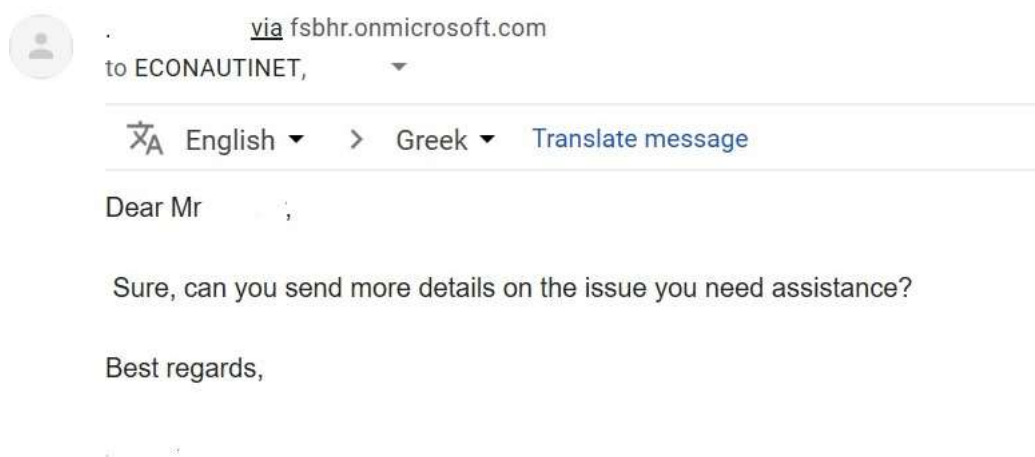


Figure 34 Response to users

8. User roles assigning

The Network's Broker can assign the role to each user on the platform. Other relevant roles are Tutor and Facilitator. In Figure 35, several cases of user role assignment can be observed. User 1 is assigned by the Broker to be the Tutor, User 2 is both Tutor and Facilitator, while User 3 is not assigned any additional role.







<div> <div>ECO-NautiNET</div> <div> JOINED COMPANIES & ORGANIZATIONS MISSION & VISION NETWORKING INNOVATION FINANCING </div> </div>				
<div> OVERVIEW MATCH REQUESTS ALL COMPANIES ALL PRODUCTS NEWS/EVENTS DOCUMENTS USER ROLES </div>				
ID	TITLE	NAME	COUNTRY	STATUS
1	Dr.		Croatia	
2	Mr		Croatia	
3	Mr		Greece	
4	Mr		Croatia	
5	Mrs		Croatia	
6	Mr.		Slovenia	

Figure 35 Roles on the network

Each Tutor, after being assigned, receives e-mails about new users from their country as soon as the profile of the new user is accepted by the Broker. If the user comes from the country without previous participation in the ECO-NautiNET network, the Broker notifies the most appropriate Tutor about the new user. This serves for the purpose of starting the communication between new users and tutors. Although in the first phases of the project new users were mainly acquainted

with the Tutors and other users on the ECO-NautiNET events, the notification serves for future expansions of the platform, in event of new users arrive to the platform without previous engagement through promotional and clustering events.

Main functionality associated to the Facilitator on the platform, available in their user area after being assigned by the Broker, is the ability to post the news and share stories. With the same functionality as Brokers and Business Support Organizations (BSOs), Facilitators can also publish news to the platform's homepage. This is performed by clicking the "news" tab in their user's area (available after the user is appointed as Facilitator by the Broker) and then "add new" button.