



Smart
Energy
Systems
ERA-Net

ERA-Net Smart Energy Systems

Followers' user manual

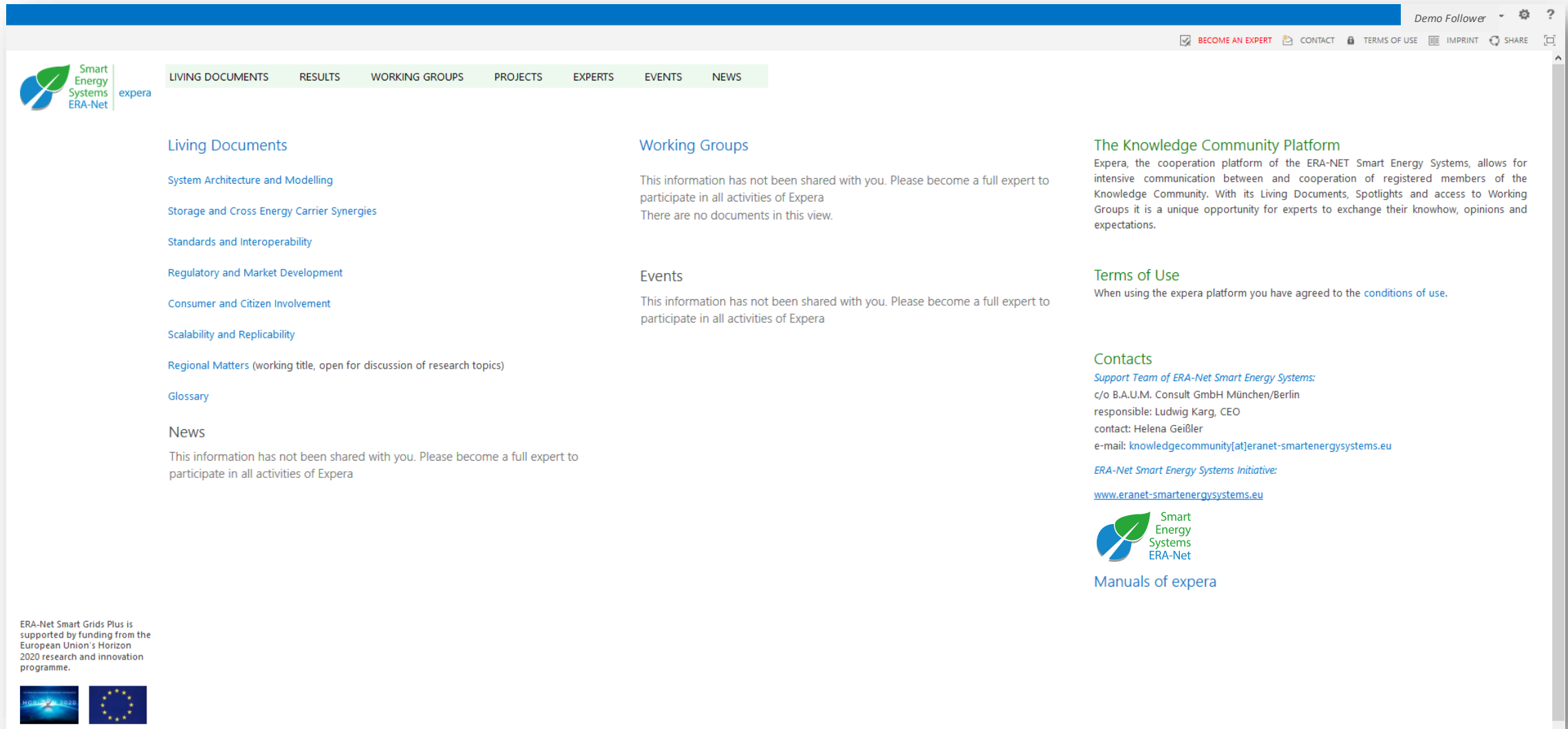
expera – The Knowledge Sharing Tool

expera is a space for collaboration and knowledge sharing between the ERA-Net SES projects as well as external experts.

expera

- hosts **Living Documents** for the joint development of strategic topics
- **Spotlights** ongoing activities and results of ERA-Net SES projects
- enables continuous dialogue in **Working Groups**
- provides information on past and ongoing smart energy **projects**
- puts you in contact with fellow **experts**





The screenshot shows the Expera Home website interface. At the top right, it says "Demo Follower" with a settings icon and a question mark. Below that is a navigation bar with links: "BECOME AN EXPERT", "CONTACT", "TERMS OF USE", "IMPRINT", and "SHARE". The main content area is divided into three columns. The left column has a header "Living Documents" and a list of topics: "System Architecture and Modelling", "Storage and Cross Energy Carrier Synergies", "Standards and Interoperability", "Regulatory and Market Development", "Consumer and Citizen Involvement", "Scalability and Replicability", "Regional Matters (working title, open for discussion of research topics)", and "Glossary". Below this is a "News" section with a message: "This information has not been shared with you. Please become a full expert to participate in all activities of Expera". The middle column has a header "Working Groups" and a message: "This information has not been shared with you. Please become a full expert to participate in all activities of Expera. There are no documents in this view." Below this is an "Events" section with a message: "This information has not been shared with you. Please become a full expert to participate in all activities of Expera". The right column has a header "The Knowledge Community Platform" and a paragraph: "Expera, the cooperation platform of the ERA-NET Smart Energy Systems, allows for intensive communication between and cooperation of registered members of the Knowledge Community. With its Living Documents, Spotlights and access to Working Groups it is a unique opportunity for experts to exchange their knowhow, opinions and expectations." Below this is a "Terms of Use" section with a message: "When using the expera platform you have agreed to the conditions of use." Below that is a "Contacts" section with the following text: "Support Team of ERA-Net Smart Energy Systems: c/o B.A.U.M. Consult GmbH München/Berlin responsible: Ludwig Karg, CEO contact: Helena Geißler e-mail: knowledgecommunity[at]eranet-smartenergysystems.eu ERA-Net Smart Energy Systems Initiative: www.eranet-smartenergysystems.eu". At the bottom right of the main content area is the "Smart Energy Systems ERA-Net" logo and the text "Manuals of expera". In the bottom left corner of the screenshot, there is a small text block: "ERA-Net Smart Grids Plus is supported by funding from the European Union's Horizon 2020 research and innovation programme." Below this text are two small images: a blue and green abstract graphic and the European Union flag.

ERA-Net Smart Grids Plus is supported by funding from the European Union's Horizon 2020 research and innovation programme.





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Become an expera member

Become an expera member

expera – Software requirements

- Edge
- Google Chrome
- Firefox

expera – Roles of Members

- Follower
- Expert



The differences between follower and expert membership

Functions		Expert	Follower
Expert profile	Set up your profile	x	
	Edit	x	
	Upload profile picture	x	
Living Documents	Read	x	x
	Comment	x	x
	Read and contribute to discussion fora	x	
Working Groups	Become member of the WGs	x	
	Register for WG meetings	x	
	Access WG documents	x	
Project database*	Enter your projects	x	
	Edit your project profiles	x	
	Link your projects to your expert profile	x	
	Upload project reports and other documents	x	
News & Network	Receive the Newsletter	x	x
	See (other) expert profiles	x	



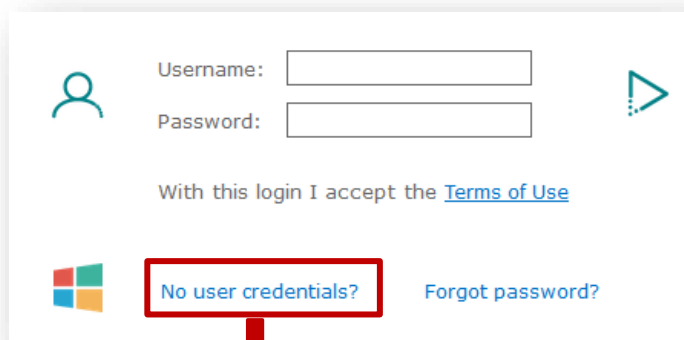
Overview on the registration process

- 1) open Expera portal site (<https://knost.smartgridsplus.eu>)
- 2) click “No user credentials?” link
- 3) select type of registration (expert or follower)
- 4) fill in the registration form
- 5) Open the e-mail with your log-in credentials



Steps 1 to 3 of the registration


- 1) open Expera portal site (<https://knost.smartgridsplus.eu>)
- 2) click “No user credentials?” link
- 3) select type of registration (expert or follower)



Username:

Password:

With this login I accept the [Terms of Use](#)

 [No user credentials?](#) [Forgot password?](#)

Please select the type of account you'd like to obtain:

[Register as a follower.](#) This gives you access as a guest to the Knowledge Community. You can read most of the content but not contribute much.

[Register as an expert.](#) As an expert you will have more rights to contribute to the Knowledge Community. The Expera-Administrator will grant you these rights once you have entered your full expert profile.

Step 4 of the registration

4) fill in the registration form

Follower Membership Request

User Name:

First Name:


Last Name:

Email:

Country:

Company:

Type the characters in the picture below.



The picture contains 6 characters.

Can't see the word?

I accept the [Terms of Use](#)

REGISTER

Check this box to accept the terms of use and press the REGISTER button

Step 5 of the registration

- 5) After your registration request has been approved, open the e-mail with you log-in credentials and useful links

Please note: the approval may take up to 2 working days and is not immediate.

Your request to join the ERA-Net Smart Energy System Knowledge Community expera has been processed.

You have been granted access to the expera Knowledge Community platform with the following credentials:

user name:demouser

temporary password:

Please click [here](#) to login and change your password.

Once you have changed your password, you can use the EXPERA Knowledge Community platform at <https://expera.smartgridplus.eu>

You may apply for Expert membership if you fill in your profile page [here](#).

If you have any additional questions or require assistance, please contact the site administrator at knowledgecommunity@eranet-smartenergysystems.eu

Kind regards,

Your EXPERA team






Smart
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Log in on and browse around expera


Login

Enter your credentials and press enter or the login button




Username:

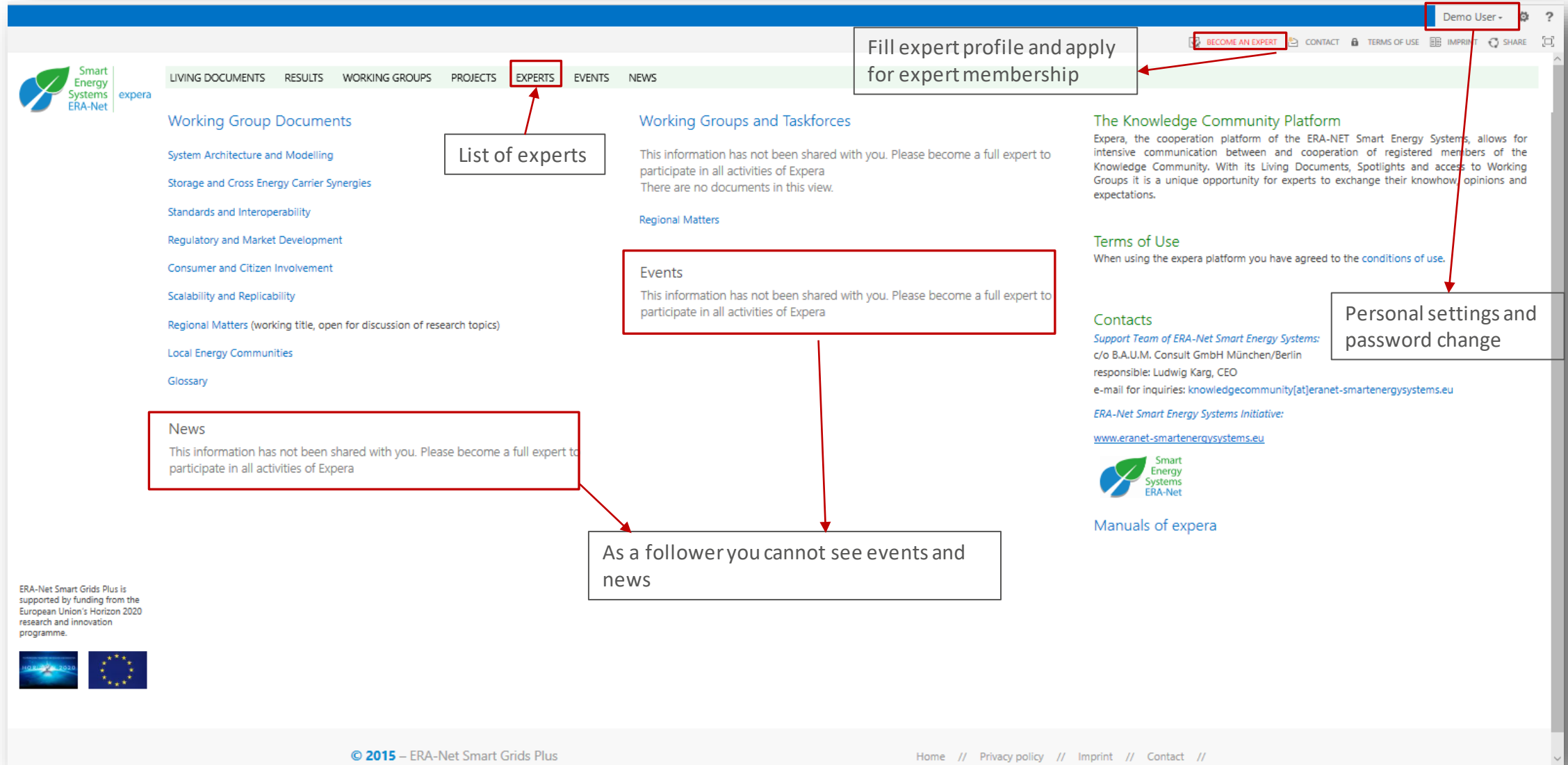
Password:



With this login I accept the [Terms of Use](#)



[No user credentials?](#) [Forgot password?](#)



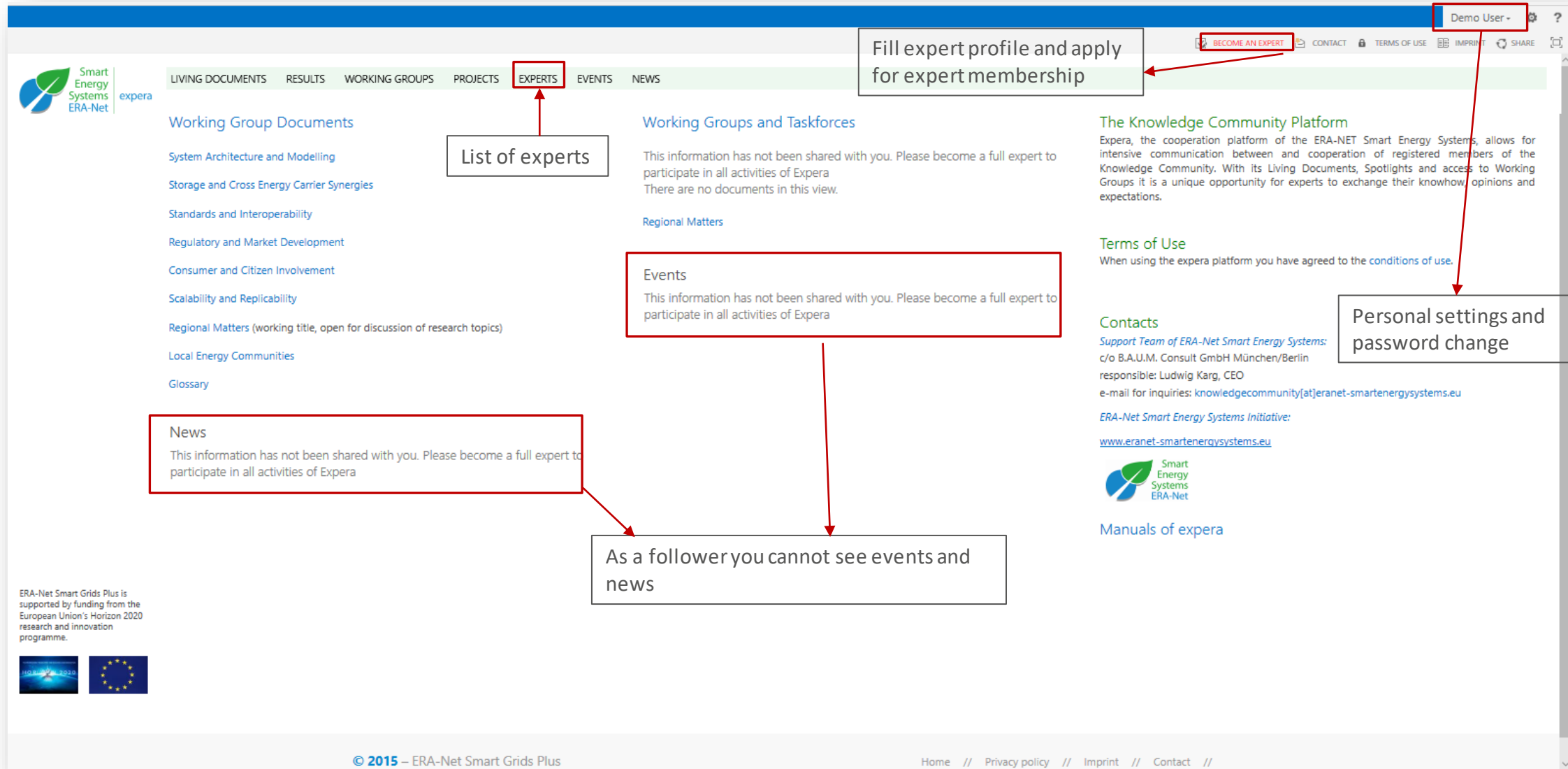
The screenshot shows the Expera homepage with several annotations in red boxes and arrows:

- Fill expert profile and apply for expert membership**: Points to the **BECOME AN EXPERT** button in the top navigation bar.
- List of experts**: Points to the **EXPERTS** menu item in the top navigation bar.
- As a follower you cannot see events and news**: Points to the **Events** and **News** sections, which both contain the message: "This information has not been shared with you. Please become a full expert to participate in all activities of Expera".
- Personal settings and password change**: Points to the **Demo User -** dropdown menu in the top right corner.

The homepage content includes:

- Navigation bar: LIVING DOCUMENTS, RESULTS, WORKING GROUPS, PROJECTS, EXPERTS, EVENTS, NEWS
- Left sidebar: Working Group Documents (System Architecture and Modelling, Storage and Cross Energy Carrier Synergies, Standards and Interoperability, Regulatory and Market Development, Consumer and Citizen Involvement, Scalability and Replicability, Regional Matters, Local Energy Communities, Glossary)
- Main content: Working Groups and Taskforces, Events, News
- Right sidebar: The Knowledge Community Platform, Terms of Use, Contacts, Manuals of expera
- Footer: © 2015 – ERA-Net Smart Grids Plus, Home // Privacy policy // Imprint // Contact //





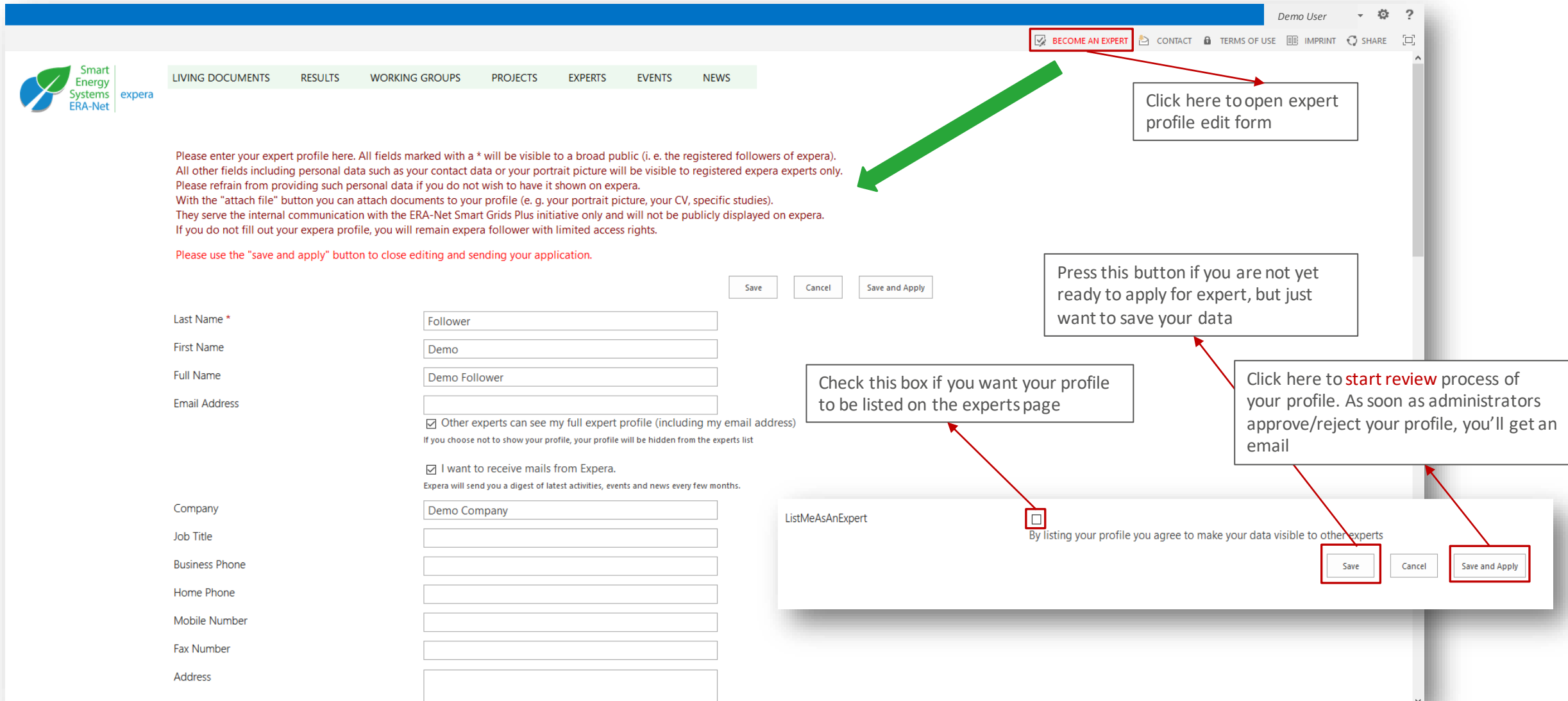
The screenshot shows the Expera homepage with several annotations:

- Navigation Bar:** LIVING DOCUMENTS, RESULTS, WORKING GROUPS, PROJECTS, EXPERTS, EVENTS, NEWS. The EXPERTS link is highlighted with a red box and labeled "List of experts".
- Header:** Demo User - [Settings] [Help]. A red box around "BECOME AN EXPERT" is labeled "Fill expert profile and apply for expert membership".
- Left Sidebar:** Working Group Documents (System Architecture and Modelling, Storage and Cross Energy Carrier Synergies, Standards and Interoperability, Regulatory and Market Development, Consumer and Citizen Involvement, Scalability and Replicability, Regional Matters, Local Energy Communities, Glossary) and News.
- Main Content:** Working Groups and Taskforces (no documents), Regional Matters, Events (no information shared), and News (no information shared).
- Right Column:** The Knowledge Community Platform, Terms of Use, Contacts, and Manuals of expera.
- Annotations:** A red box around the "Events" and "News" sections is labeled "As a follower you cannot see events and news". A red box around the "Demo User" profile is labeled "Personal settings and password change".

ERA-Net Smart Grids Plus is supported by funding from the European Union's Horizon 2020 research and innovation programme.



Upgrade follower to an expert



BECOME AN EXPERT CONTACT TERMS OF USE IMPRINT SHARE

LIVING DOCUMENTS RESULTS WORKING GROUPS PROJECTS EXPERTS EVENTS NEWS

Smart Energy Systems ERA-Net expera

Please enter your expert profile here. All fields marked with a * will be visible to a broad public (i. e. the registered followers of expera). All other fields including personal data such as your contact data or your portrait picture will be visible to registered expera experts only. Please refrain from providing such personal data if you do not wish to have it shown on expera. With the "attach file" button you can attach documents to your profile (e. g. your portrait picture, your CV, specific studies). They serve the internal communication with the ERA-Net Smart Grids Plus initiative only and will not be publicly displayed on expera. If you do not fill out your expera profile, you will remain expera follower with limited access rights.

Please use the "save and apply" button to close editing and sending your application.

Save Cancel Save and Apply

Last Name * Follower

First Name Demo

Full Name Demo Follower

Email Address

Other experts can see my full expert profile (including my email address)
If you choose not to show your profile, your profile will be hidden from the experts list

I want to receive mails from Expera.
Expera will send you a digest of latest activities, events and news every few months.

Company Demo Company

Job Title

Business Phone

Home Phone

Mobile Number

Fax Number

Address

BECOME AN EXPERT

Click here to open expert profile edit form

Press this button if you are not yet ready to apply for expert, but just want to save your data

Check this box if you want your profile to be listed on the experts page

Click here to **start review** process of your profile. As soon as administrators approve/reject your profile, you'll get an email

ListMeAsAnExpert By listing your profile you agree to make your data visible to other experts

Save Cancel Save and Apply



Set the profile picture

Picture

Type the Web address: (Click here to test)

Type the description:

To include a portrait picture in your profile use two options:

1. upload an image using button below
- or
2. insert url directly to the image url field

With uploading and/or copying the link you allow expersa to show the picture to all registered followers and experts.

Keine Datei ausgewählt.

ListMeAsAnExpert

By listing your profile you agree to make your data visible to other experts

Created at 16/08/2018 16:16 by System Account
Last modified at 16/08/2018 16:16 by System Account

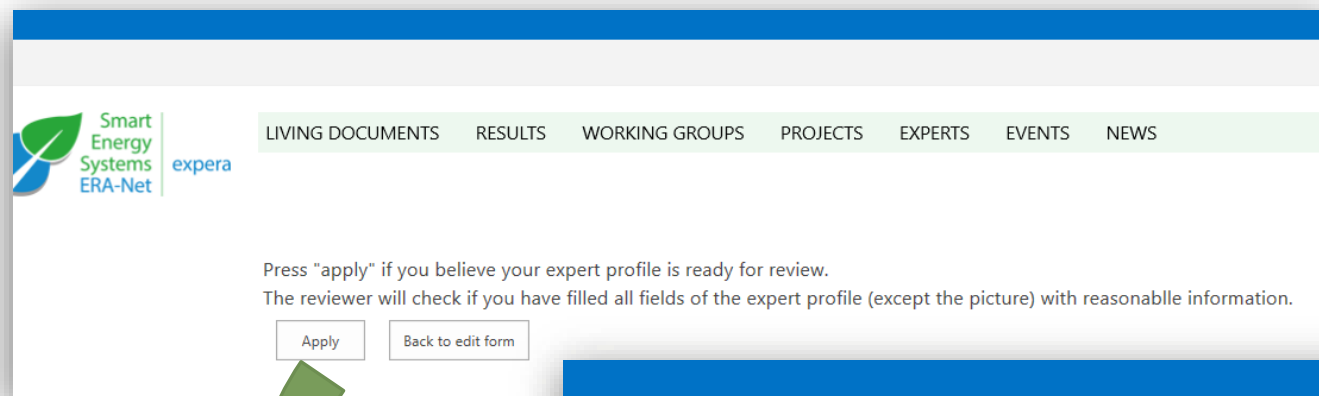
1) Either provide image url or upload an image

2.a) Press this button to upload the image from your computer

2.b) Press save if you have provided image url



Upgrade from follower to expert account

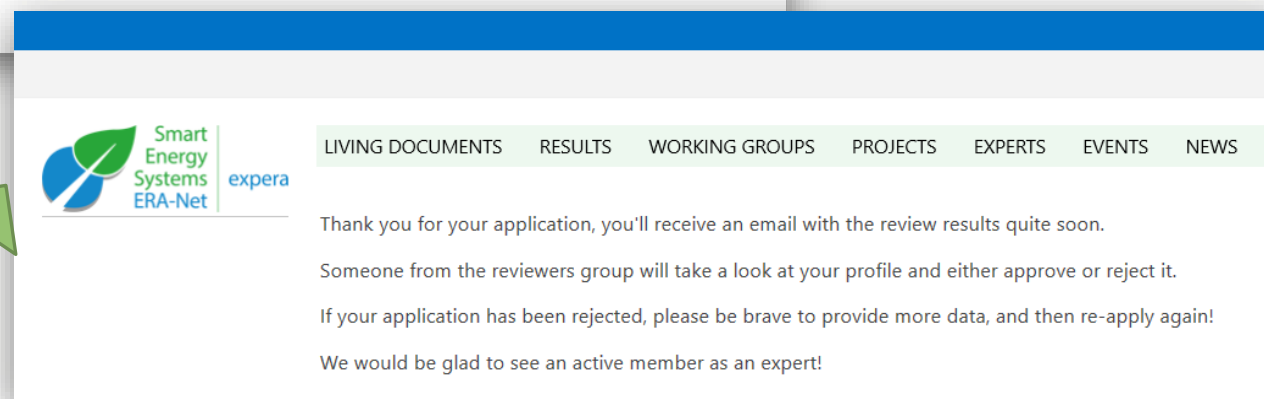


Smart Energy Systems ERA-Net | expera

LIVING DOCUMENTS RESULTS WORKING GROUPS PROJECTS EXPERTS EVENTS NEWS

Press "apply" if you believe your expert profile is ready for review.
The reviewer will check if you have filled all fields of the expert profile (except the picture) with reasonable information.

Apply Back to edit form



Smart Energy Systems ERA-Net | expera

LIVING DOCUMENTS RESULTS WORKING GROUPS PROJECTS EXPERTS EVENTS NEWS

Thank you for your application, you'll receive an email with the review results quite soon.
Someone from the reviewers group will take a look at your profile and either approve or reject it.
If your application has been rejected, please be brave to provide more data, and then re-apply again!
We would be glad to see an active member as an expert!

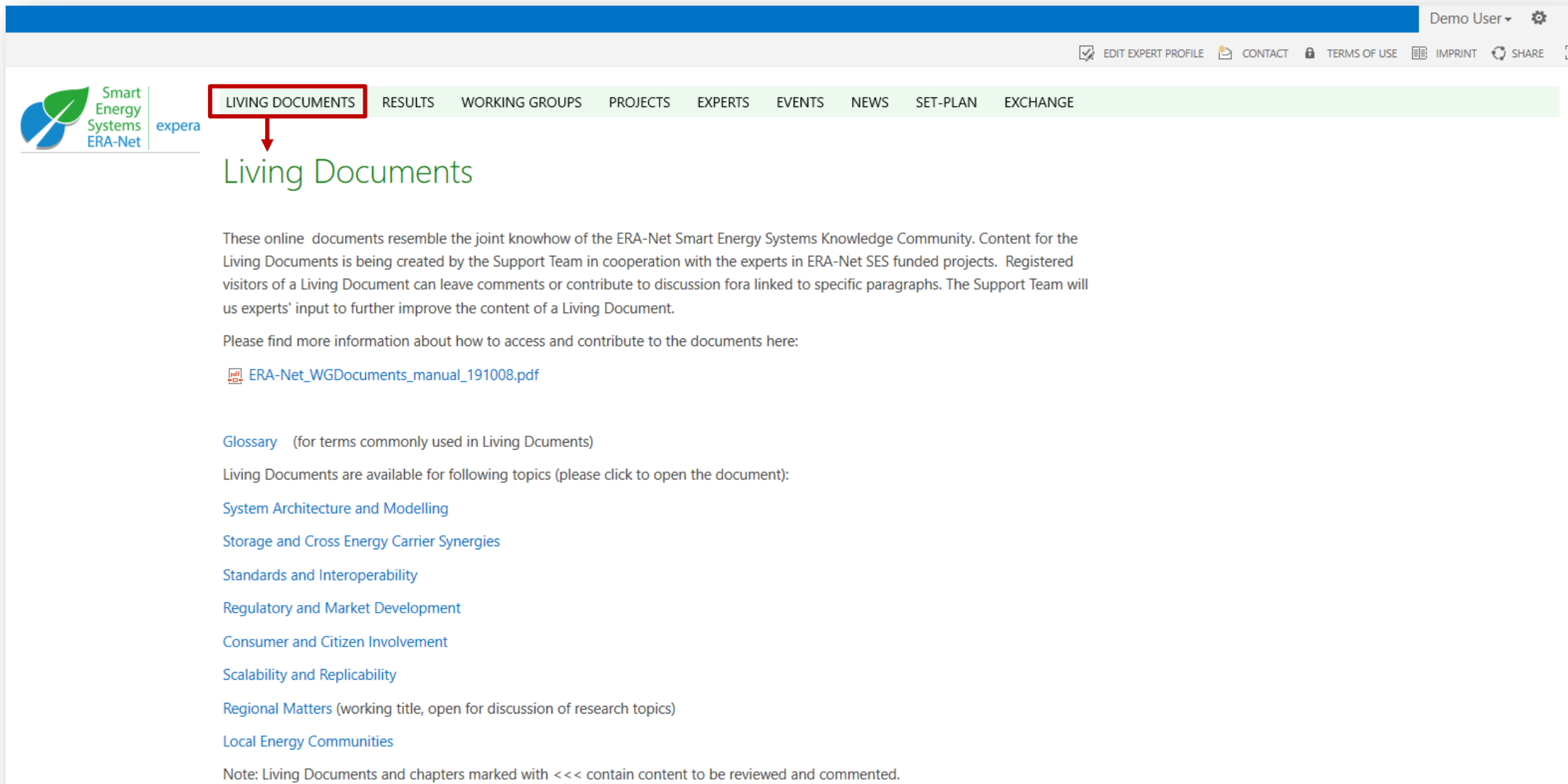




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Contribute your Knowledge

How to find Living Documents



Demo User

EDIT EXPERT PROFILE CONTACT TERMS OF USE IMPRINT SHARE

Smart Energy Systems ERA-Net | **LIVING DOCUMENTS** | RESULTS | WORKING GROUPS | PROJECTS | EXPERTS | EVENTS | NEWS | SET-PLAN | EXCHANGE

Living Documents

These online documents resemble the joint knowhow of the ERA-Net Smart Energy Systems Knowledge Community. Content for the Living Documents is being created by the Support Team in cooperation with the experts in ERA-Net SES funded projects. Registered visitors of a Living Document can leave comments or contribute to discussion fora linked to specific paragraphs. The Support Team will use experts' input to further improve the content of a Living Document.

Please find more information about how to access and contribute to the documents here:

[ERA-Net_WGDocuments_manual_191008.pdf](#)

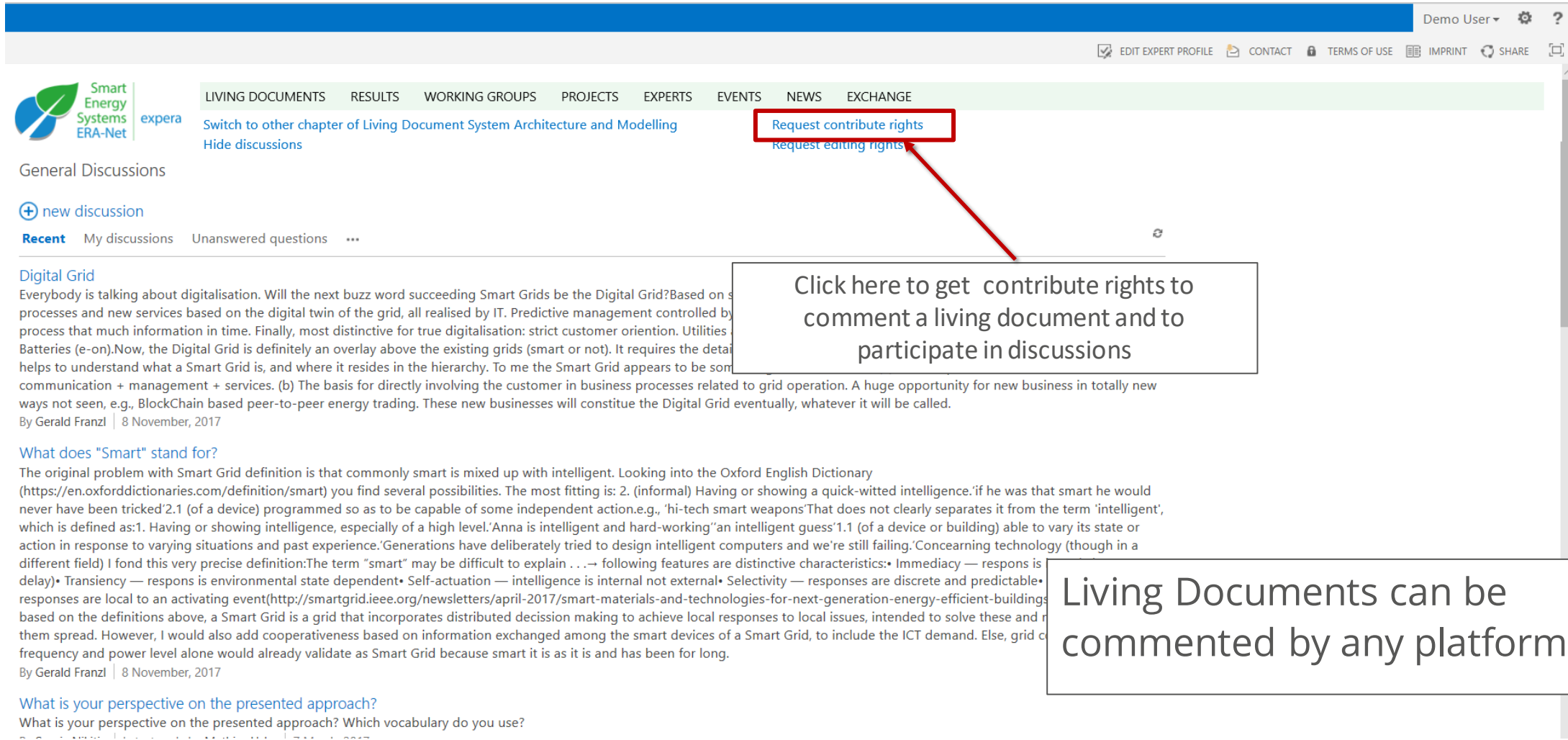
[Glossary](#) (for terms commonly used in Living Documents)

Living Documents are available for following topics (please click to open the document):

- [System Architecture and Modelling](#)
- [Storage and Cross Energy Carrier Synergies](#)
- [Standards and Interoperability](#)
- [Regulatory and Market Development](#)
- [Consumer and Citizen Involvement](#)
- [Scalability and Replicability](#)
- [Regional Matters](#) (working title, open for discussion of research topics)
- [Local Energy Communities](#)

Note: Living Documents and chapters marked with <<< contain content to be reviewed and commented.

Request contribute rights to comment living documents



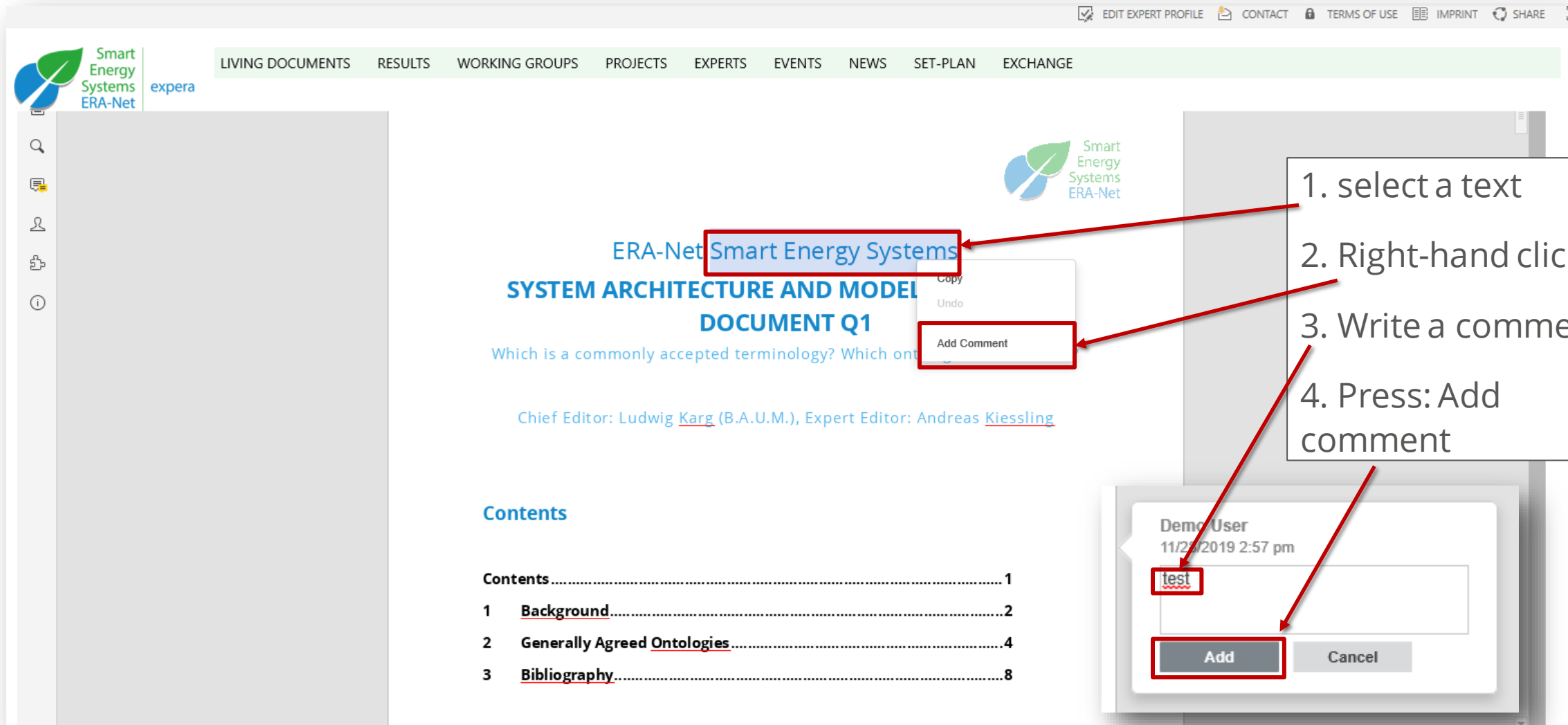
The screenshot shows the website's navigation bar with the following items: LIVING DOCUMENTS, RESULTS, WORKING GROUPS, PROJECTS, EXPERTS, EVENTS, NEWS, and EXCHANGE. A red box highlights the 'Request contribute rights' link in the 'NEWS' section, with a red arrow pointing to a callout box. Below the navigation bar, there is a section for 'General Discussions' with a '+ new discussion' button and a 'Recent' tab. A discussion post titled 'Digital Grid' is visible, with a callout box pointing to the 'Request contribute rights' link. The callout box contains the text: 'Click here to get contribute rights to comment a living document and to participate in discussions'. Another callout box at the bottom right of the page contains the text: 'Living Documents can be commented by any platform user!'.

Click here to get contribute rights to comment a living document and to participate in discussions

Living Documents can be commented by any platform user!



Comment Living Documents



The screenshot shows the ERA-Net website interface. At the top, there is a navigation bar with links: LIVING DOCUMENTS, RESULTS, WORKING GROUPS, PROJECTS, EXPERTS, EVENTS, NEWS, SET-PLAN, and EXCHANGE. The main content area displays the title "ERA-Net Smart Energy Systems SYSTEM ARCHITECTURE AND MODEL DOCUMENT Q1" and a sub-header "Which is a commonly accepted terminology? Which ont...". Below this, it lists the Chief Editor as Ludwig Karg (B.A.U.M.) and the Expert Editor as Andreas Kiessling. A "Contents" section is visible, listing sections like Background, Generally Agreed Ontologies, and Bibliography with their respective page numbers. A red box highlights the text "Smart Energy Systems" in the title, and another red box highlights the "Add Comment" button in the context menu. A third red box highlights the "Add" button in the comment dialog box. A fourth red box highlights the text "test" in the comment input field. A list of instructions is overlaid on the right side of the screenshot, and a comment dialog box is shown at the bottom right.

1. select a text

2. Right-hand click:

3. Write a comment

4. Press: Add comment

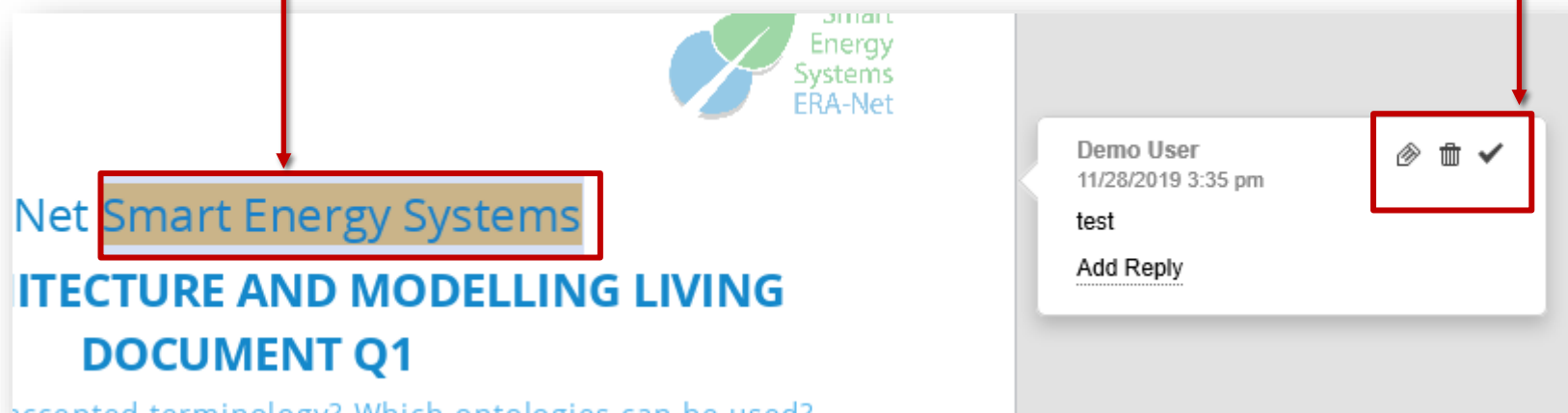
Contents

Contents.....	1
1 Background	2
2 Generally Agreed Ontologies	4
3 Bibliography	8

Comment Living Documents

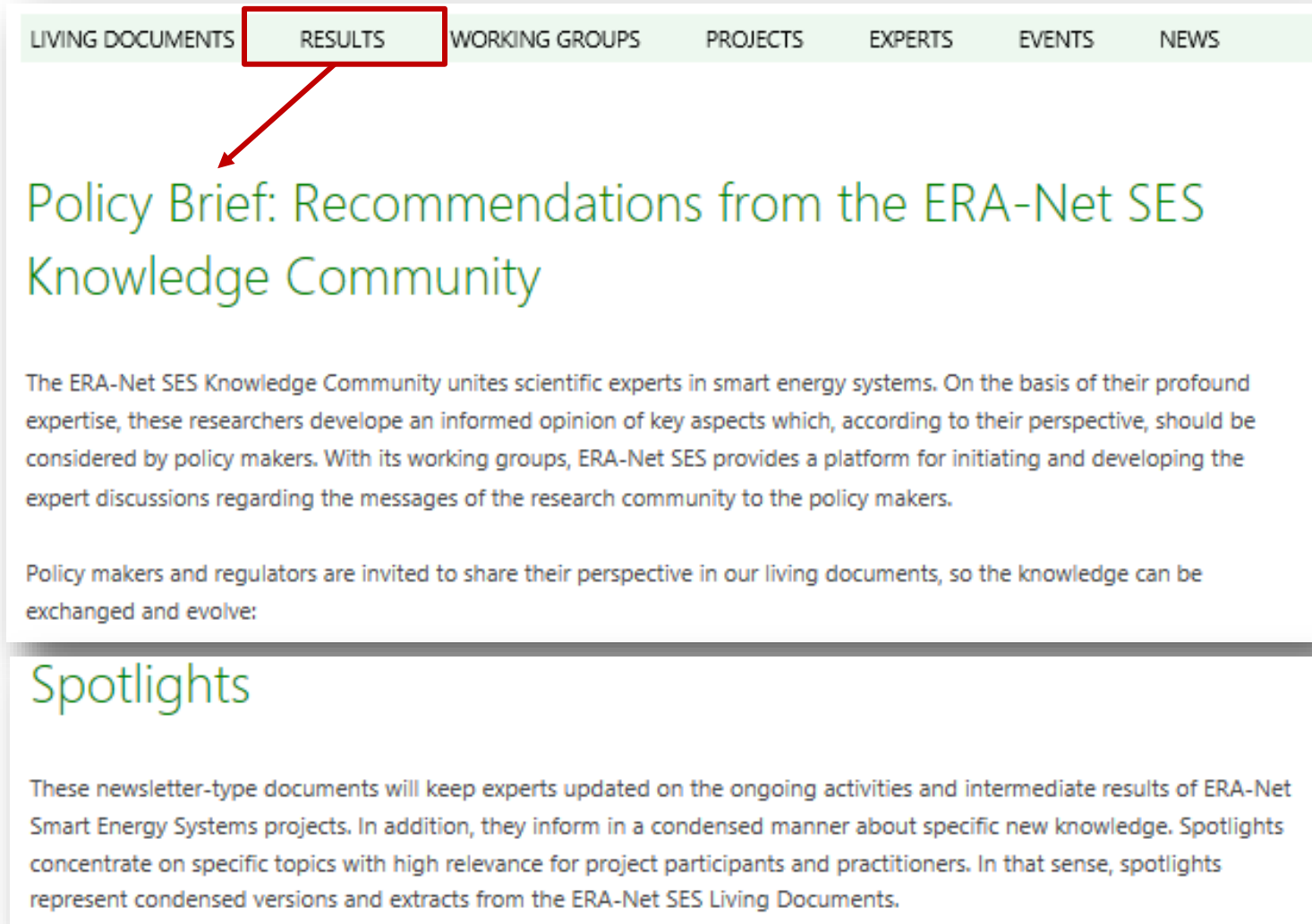
The text you commented will be highlighted and comment will appear for all users when they move a mouse over it

Edit and delete buttons will appear to comment author



The screenshot shows a document titled "Net Smart Energy Systems ARCHITECTURE AND MODELLING LIVING DOCUMENT Q1". A comment by "Demo User" dated "11/28/2019 3:35 pm" with the text "test" is displayed. The comment text is highlighted in a light brown box. To the right of the comment, there are three icons: a pencil (edit), a trash can (delete), and a checkmark (confirm). The document header includes the Smart Energy Systems ERA-Net logo.

Accessing Policy Briefs/ Spotlights



LIVING DOCUMENTS RESULTS WORKING GROUPS PROJECTS EXPERTS EVENTS NEWS

Policy Brief: Recommendations from the ERA-Net SES Knowledge Community

The ERA-Net SES Knowledge Community unites scientific experts in smart energy systems. On the basis of their profound expertise, these researchers develop an informed opinion of key aspects which, according to their perspective, should be considered by policy makers. With its working groups, ERA-Net SES provides a platform for initiating and developing the expert discussions regarding the messages of the research community to the policy makers.

Policy makers and regulators are invited to share their perspective in our living documents, so the knowledge can be exchanged and evolve:

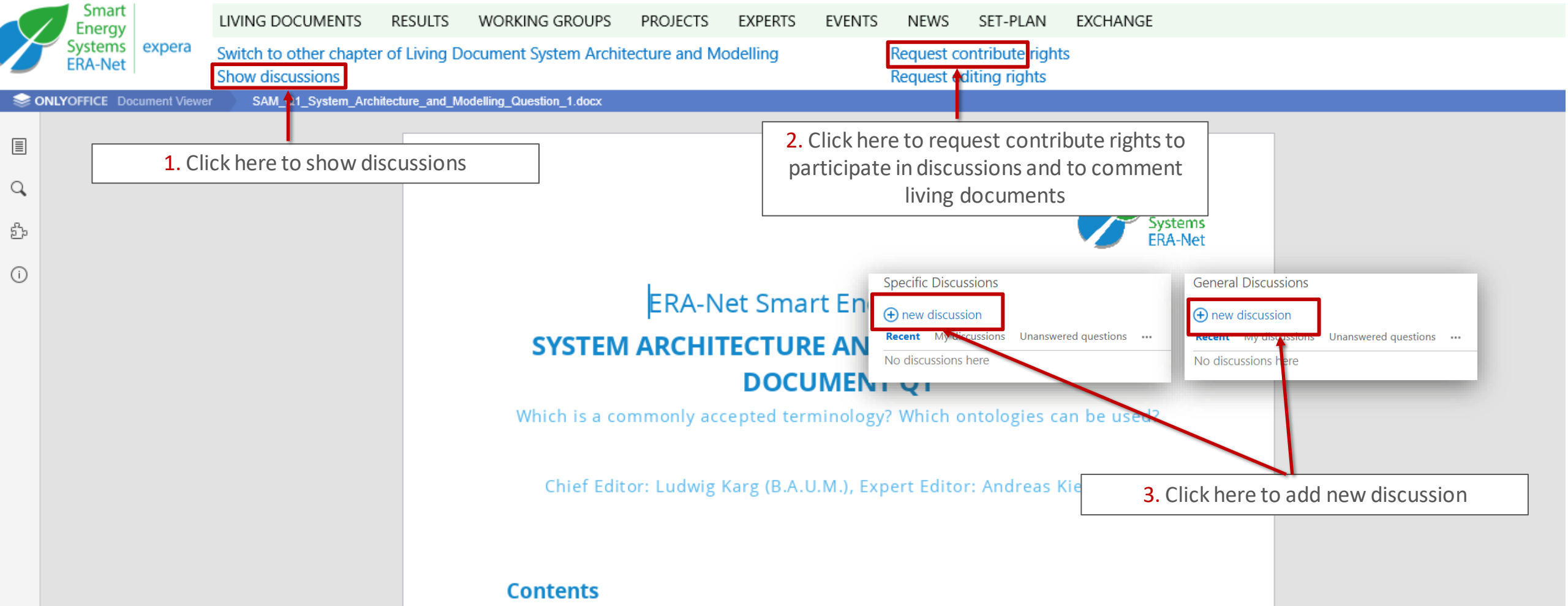
Spotlights

These newsletter-type documents will keep experts updated on the ongoing activities and intermediate results of ERA-Net Smart Energy Systems projects. In addition, they inform in a condensed manner about specific new knowledge. Spotlights concentrate on specific topics with high relevance for project participants and practitioners. In that sense, spotlights represent condensed versions and extracts from the ERA-Net SES Living Documents.

Current Edition of Policy Briefs and Spotlights:

- System Architecture and Modelling, Standards and Interoperability (available soon)
- Storage and Cross Energy
- Carrier Synergies Regulatory and Market Development
- Consumer and Citizen Involvement

Policy Briefs: commenting and discussion forums



The screenshot shows a document viewer interface with a navigation menu at the top. The menu includes 'LIVING DOCUMENTS', 'RESULTS', 'WORKING GROUPS', 'PROJECTS', 'EXPERTS', 'EVENTS', 'NEWS', 'SET-PLAN', and 'EXCHANGE'. Below the menu, there are two main callouts:

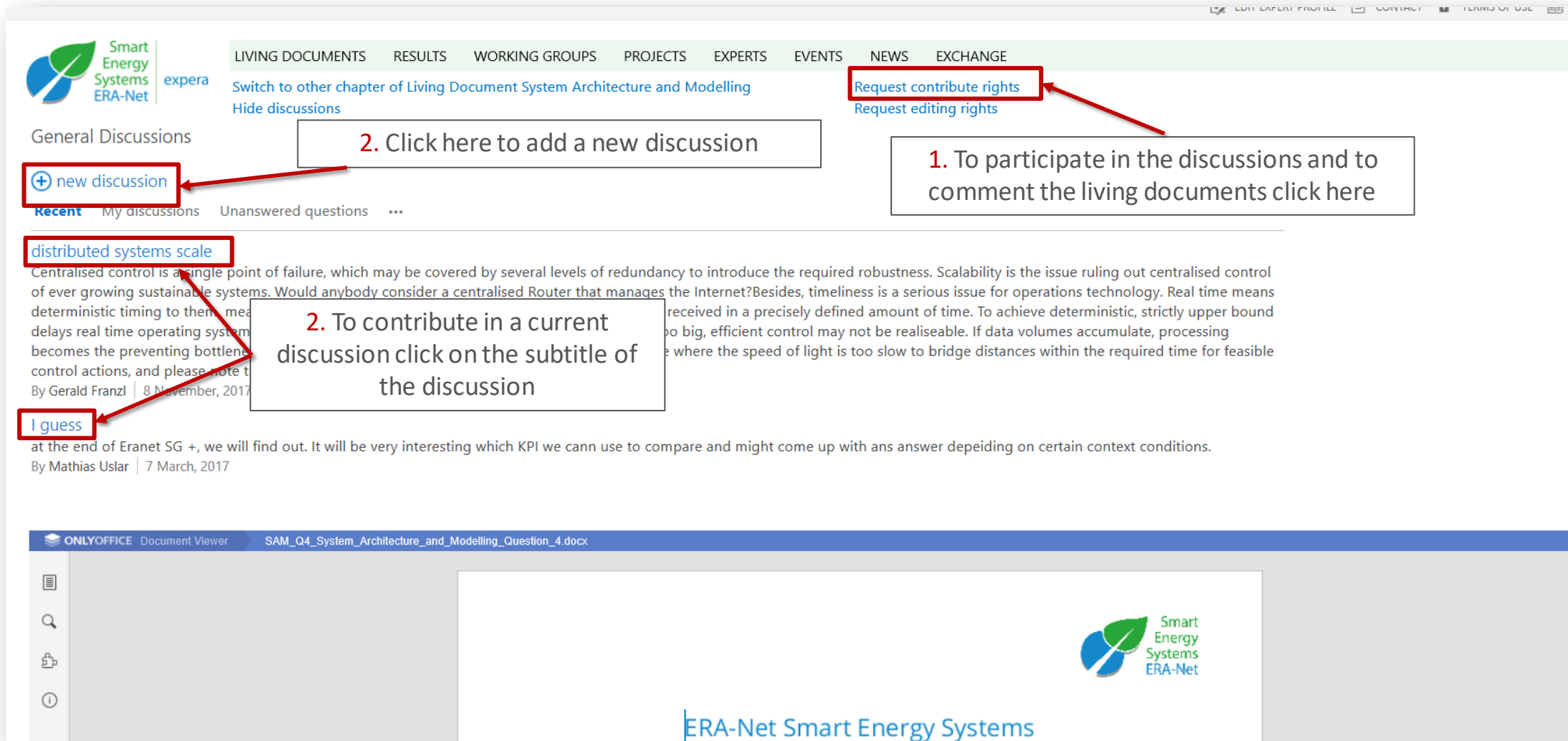
- 1. Click here to show discussions**: A red box highlights the 'Show discussions' link in the navigation menu.
- 2. Click here to request contribute rights to participate in discussions and to comment living documents**: A red box highlights the 'Request contribute rights' and 'Request editing rights' links in the navigation menu.

The document content shows a title 'SYSTEM ARCHITECTURE AND DOCUMENT Q' and a question: 'Which is a commonly accepted terminology? Which ontologies can be used?'. Below the question, there are two discussion panels:

- Specific Discussions**: A red box highlights the '+ new discussion' button.
- General Discussions**: A red box highlights the '+ new discussion' button.

A third callout, **3. Click here to add new discussion**, has a red arrow pointing to the '+ new discussion' button in the 'General Discussions' panel.

Living Documents: commenting and discussion forums



The screenshot shows the website's navigation menu with options: LIVING DOCUMENTS, RESULTS, WORKING GROUPS, PROJECTS, EXPERTS, EVENTS, NEWS, and EXCHANGE. Under 'EXCHANGE', there are links for 'Request contribute rights' and 'Request editing rights'. A red box highlights 'Request contribute rights' with an arrow pointing to a text box: '1. To participate in the discussions and to comment the living documents click here'.

On the left, under 'General Discussions', there is a '+ new discussion' button highlighted with a red box and an arrow pointing to a text box: '2. Click here to add a new discussion'.

The main content area shows a discussion titled 'distributed systems scale' (highlighted with a red box). The subtitle of the discussion is 'Centralised control is a single point of failure, which may be covered by several levels of redundancy to introduce the required robustness. Scalability is the issue ruling out centralised control of ever growing sustainable systems. Would anybody consider a centralised Router that manages the Internet? Besides, timeliness is a serious issue for operations technology. Real time means deterministic timing to them, me... delays real time operating system becomes the preventing bottleneck control actions, and please note t...'. A red box highlights the subtitle with an arrow pointing to a text box: '2. To contribute in a current discussion click on the subtitle of the discussion'.

Below the subtitle, a comment is visible: 'I guess' (highlighted with a red box) followed by 'at the end of Eranet SG +, we will find out. It will be very interesting which KPI we can use to compare and might come up with an answer depending on certain context conditions. By Mathias Uslar | 7 March, 2017'.

At the bottom, there is a document viewer for 'SAM_Q4_System_Architecture_and_Modelling_Question_4.docx' with the ERA-Net logo and the text 'ERA-Net Smart Energy Systems'.



- Portal managers

Support Team of ERA-Net Smart Energy Systems:

c/o B.A.U.M. Consult GmbH München/Berlin

Responsible: Ludwig Karg

Contact: Alisa Utz

E-mail: knowledgecommunity@eranet-smartenergysystems.eu



Funding Partners



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ADEME



Agence de l'Environnement et de la Maîtrise de l'Energie



FOND ZA ZAŠTITU OKOLIŠA I ENERGETSKU UČINKOVITOST



NATIONAL RESEARCH, DEVELOPMENT AND INNOVATION OFFICE HUNGARY



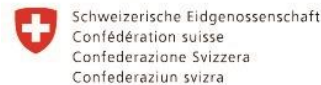
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation
Innosuisse – Swiss Innovation Agency



Ministry of Energy
www.energy.gov.il



MINISTERUL EDUCAȚIEI ȘI CERCETĂRII



Swiss Federal Office of Energy SFOE

