



H2020 - EEB - 2017 - 766464 – SCORES

Self Consumption Of Renewable Energy by hybrid Storage systems



D 9.1 Project website

	Name	Signature and date
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1 Background

“The SCORES project aim is to develop and demonstrate in the field a building energy system including new compact hybrid storage technologies, that optimizes supply, storage and demand of electricity and heat in residential buildings, increasing self-consumption of local renewable energy in residential buildings at the lowest cost. Combination and optimization of multi-energy generation, storage and consumption of local renewable energy (electricity and heat) brings new sources of flexibility to the grid and giving options for tradability and economic benefits, enabling reliable operation with a positive business case in Europe’s building stock. SCORES optimizes self-consumption of renewable energy and defers investments in the energy grid.”

This deliverable (D9.1) aims to provide a description of the project website, its main features and guidelines on how to work with this powerful internet tool. It is the first step in the partial objective of developing and deploying an awareness and dissemination plan.

This document was compiled by FENIX, whereas different partners within the SCORES program have shared their expertise for this document. This document has also been reviewed by the partners within the SCORES program before publication.

2 References

2.1 Applicable Documents

	Document	Reference	Issue
AD-01	SCORES Grant Agreement	No. 766464	
AD-02	SCORES Consortium Agreement	No. 0100308813	
AD-03			

2.2 Reference Documents

	Document	Reference	
RD-01			
RD-02			
RD-03			





3 Terms, definitions and abbreviated terms

RP	Report
WP	Work package
D	Deliverable
html	HyperText Markup Language
php	Hypertext Preprocessor





4 Executive summary

The Deliverable D9.1 is a public document of the SCORES project, delivered in the context of WP9 Dissemination and exploitation of results, Task 9.1 Dissemination and Communication. The objective of Task 9.1 is to secure the successful dissemination through the implementation and deployment of an awareness and dissemination plan.

This document presents the first step in the partial objective of developing and deploying an awareness and dissemination plan: the SCORES project website dedicated to the wide public audience all around the world. As a first step the logo of the project, dictating the visual identity was developed. Once that was ready an entire website was constructed utilizing the visual identity. The website is available online and can be accessed at www.scores-project.eu.

The website is not intended to be static. News and events section as well as the rest of the content will be once a month updated and managed by the Dissemination WP leader - FENIX throughout the lifetime of the project based on the partners' inputs (request for partners' contribution will be sent regularly) and project evolution. Different audiences are being considered and the information while technical and complete, it has been streamlined and presented in a way that is accessible by a wide range of stakeholders.

An initial version of SCORES project website has been designed, provisioned and deployed on the internet. The site is hosted by FENIX – WP9 leader, under domain scores-project.eu. Google Analytics as key performance indicator has been considered and deployed at this early stage of the project (e.g. users, countries, languages, browsers, device, etc.). Website was designed considering display on different devices such as desktop, mobile or tablet.





5 Design and registration data

The SCORES project website has been created during the early project stage and launched under the www.scores-project.eu. Webhosting was bought in provider WEDOS, registration data are given in Figure 1 and Figure 2. For the website creation the following programming languages were used: html, php, database MySQL, Java Script and reduction system based on the Open Force. Under the webhosting project info email “info@scores-project.eu” was created to be further used for social network profiles creation – registration, newsletter campaign, etc. Email is maintained by FENIX.

The screenshot displays a webhosting control panel with several sections:

- Information:**
 - Order No.: 3217102852
 - Status: **active**
 - Ordered: 02.11.2017 09:58:31
 - Created: 03.11.2017 06:06:20
 - Expiration: **03.11.2018 (290 days) (renew)**
 - Operating system: Linux
 - WWW size *: 1 MB
 - E-mails size *: 2 MB
 - Database size *: 0 MB
 - Accounting without VAT: no
 - Before expiration: request for payment with notifications
- FTP accounts:**

login	status
w176485	active
w176485_mn	error
w176485_mn2	error
w176485_mn3	active
- Database:**

name	type	status	size *
d176485_scores	MySQL	active	0 MB
- Aliases:** Webhosting has no alias.
- Services addresses:**
 - WWW IPv4: 46.28.106.82
 - WWW IPv6: 2a02:2b88:1:4::bc
 - FTP: 176485.w85.wedos.net
 - MX: wes1-mx1.wedos.net, wes1-mx2.wedos.net, wes1-mx-backup.wedos.net
 - SMTP(S): smtp-176485.m85.wedos.net
 - IMAP(S): imap-176485.m85.wedos.net
 - POP3(S): pop-176485.m85.wedos.net
 - Webmail: https://webmail.wedos.net/
- E-mail boxes:** (highlighted with a red box)

name
info
- Optional services activated:**
 - Extra package

Additional information includes DNS servers (ns.wedos.net, ns.wedos.eu, ns.wedos.cz, ns.wedos.com), NSSET to CZ.NIC WEDOS, and links for Webmail and WebFTP.

Figure 1 - Webhosting registration data





The screenshot displays two panels from a domain management interface. The left panel, titled 'Information', lists various details for a domain. The right panel, titled 'DNS servers', shows a table of configured DNS servers.

Information	
Order number	3117320274
Status	active
Webhosting	🔍 scores-project.eu [3217102852]
Ordered	02.11.2017 09:56:31
Established	03.11.2017 05:57:09
Expiration	03.11.2018 (290 days) (renew)
Accounting without VAT	no
TLD	eu (EURid)
Owner contact	📄 c28490232
KEYSET ID	📄 wedos
Before expiration	request for payment with notifications

DNS servers [change DNS servers] [edit DNS records]		
Server	IPv4	IPv6
ns.wedos.com		
ns.wedos.eu		
ns.wedos.cz		
ns.wedos.net		

Figure 2 - Domain registration data





6 Website description

The website has been set up under the address www.scores-project.eu. The site is hosted by FENIX as WP9 leader. It has been designed to quickly address the key questions that external visitors to the website are expected to have:

- What is the project about?
- Who is participating in the project?
- What additional details are available?
- Who to contact for more information?

The site itself has only the public section, which is accessible to everyone and contains:

- general information about the aim of the project,
- all public material that will be generated by the project,
- list of news and events,
- gallery,
- partner's details,
- contact information,
- newsletter subscription,
- links to the social network profiles.

The website is planned to provide information available to the project partners and to the wider public. In the following subsections the single elements - sections and their intended use are described.





6.1 Home page

The Home page of the SCORES website contains introduction, acronym of the project and links to individual parts of the project description. The upper part of the screen shows a navigation panel, using a structure that is commonly used. At the top of the page the project's logo is placed, at the bottom of the page are shown short news, online twitter feed, links for the social profiles, contact, newsletter subscription, project identifiers and finally EU collaboration and disclaimer excluding Commission responsibility.

Figure 3 - Home page section



6.2 Project description page

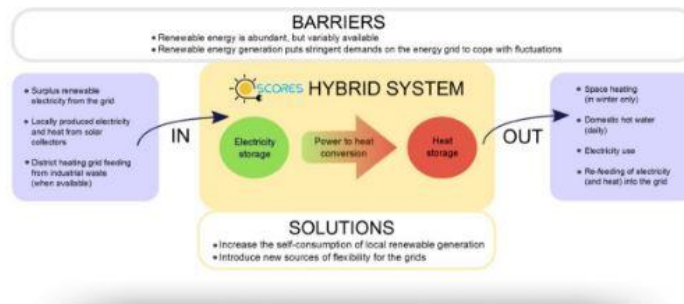
Project description page presents the overall concept, overall approach, project objectives, expected impact section and info about demonstration.



Overall concept

The SCORES concept (Figure below) is based on a hybrid system combining effectively and efficiently solutions that harvest electricity and heat from the sun, store electricity, convert electricity into heat, store heat, and manage the energy flows in the building. The following ideas and assumptions are the starting point for the development of this highly inter-disciplinary overall concept:

1. Delivery of economic value for home-owner and grid operator by storing energy at the lowest cost by using hybrid storage (market pull);
2. A breakthrough in optimal integration of the key technologies for storage and conversion required for a hybrid system;
3. A breakthrough is required regarding cost and compactness of (electrical and thermal) storage technologies;
4. Demonstration in relevant use cases is required to prove the economic and technological viability;
5. For successful exploitation, the full knowledge, value, and supply chain has to be mobilized.



Overall approach

SCORES approach consists of 3 technology development lines and 3 integration and demonstration lines as depicted below. The aims of this approach are threefold:

1. Further develop, optimize and enhance key technologies in heat and electricity storage and collection by advancing them from TRL 3-4 to 5-6
2. Effectively integrate these key technologies in a hybrid system, including a sophisticated Building Energy Management System (BEMS) for optimized monitoring and control.
3. Broad large-scale demonstration of the integration, optimization and operation this system in real buildings in 2 European climate zones with and without district heating connection (pre-requisites for TRL 6).

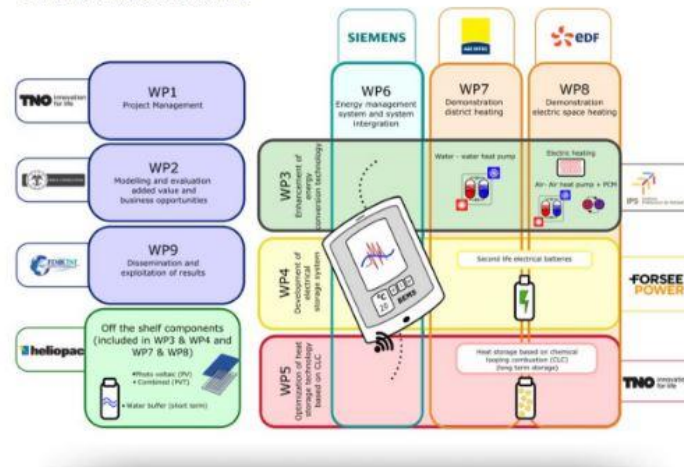


Figure 4 - Project description section



6.3 Public documents page

The Documents section is split into subsections Promo material, Presentations, Newsletter, Publications, Papers, Reports and Others. Other subsections can be added based on the project requirements at any time. The Documents page will contain all material that has been published and is thus publicly available (respecting copyright issues).

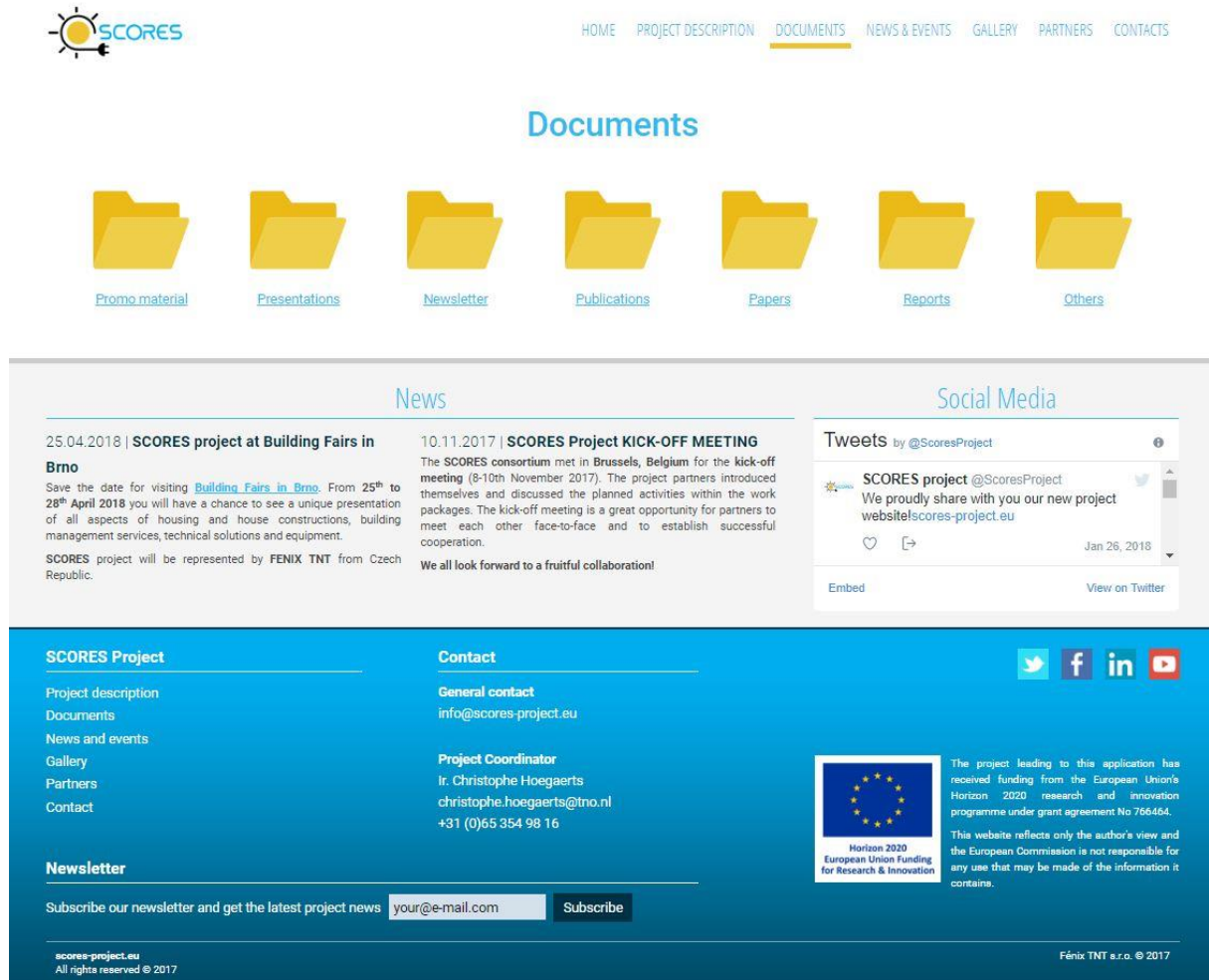


Figure 5 - Public documents section





6.4 News & Events page

This page will present a list of news and events, which will include all meetings of the project partners and important events in which a large group of the consortium partners participate, such as conferences, fairs, workshops, etc. Short info about the most relevant upcoming news is reflected at the bottom part of the website in all sections.

The screenshot shows the 'News & Events' page of the SCORES website. At the top, there is a navigation menu with links for HOME, PROJECT DESCRIPTION, DOCUMENTS, NEWS & EVENTS (highlighted), GALLERY, PARTNERS, and CONTACTS. The main heading is 'News & Events'. Below this, there are three news items:

- 25.04.2018 | SCORES project at Building Fairs in Brno**: Includes a 'BUILDING FAIRS BRNO' icon and text about visiting the fairs from April 25th to 28th, 2018. It mentions that the project will be represented by FENIX TNT from the Czech Republic.
- 10.11.2017 | SCORES Project KICK-OFF MEETING**: Text describes the kick-off meeting in Brussels (8-10th November 2017) and includes a photo of the meeting attendees. It concludes with 'We all look forward to a fruitful collaboration!'.
- 03.11.2017 | SCORES Project on social media**: Encourages following the project on social networks like Twitter, LinkedIn, and Facebook.

At the bottom of the page, there is a 'News' section (highlighted with a red box) and a 'Social Media' section showing tweets from @ScoresProject. The footer contains a 'SCORES Project' menu, 'Contact' information (info@scores-project.eu), 'Project Coordinator' details (Ir. Christophe Hoegaerts), a 'Newsletter' subscription form, and a logo for 'Horizon 2020 European Union Funding for Research & Innovation'.

Figure 6 - News & Events section





6.5 Gallery

Gallery section will display images from meetings, events and show pictures related to the project. In this section individual albums are possible to be created for easier viewing and photo organization.

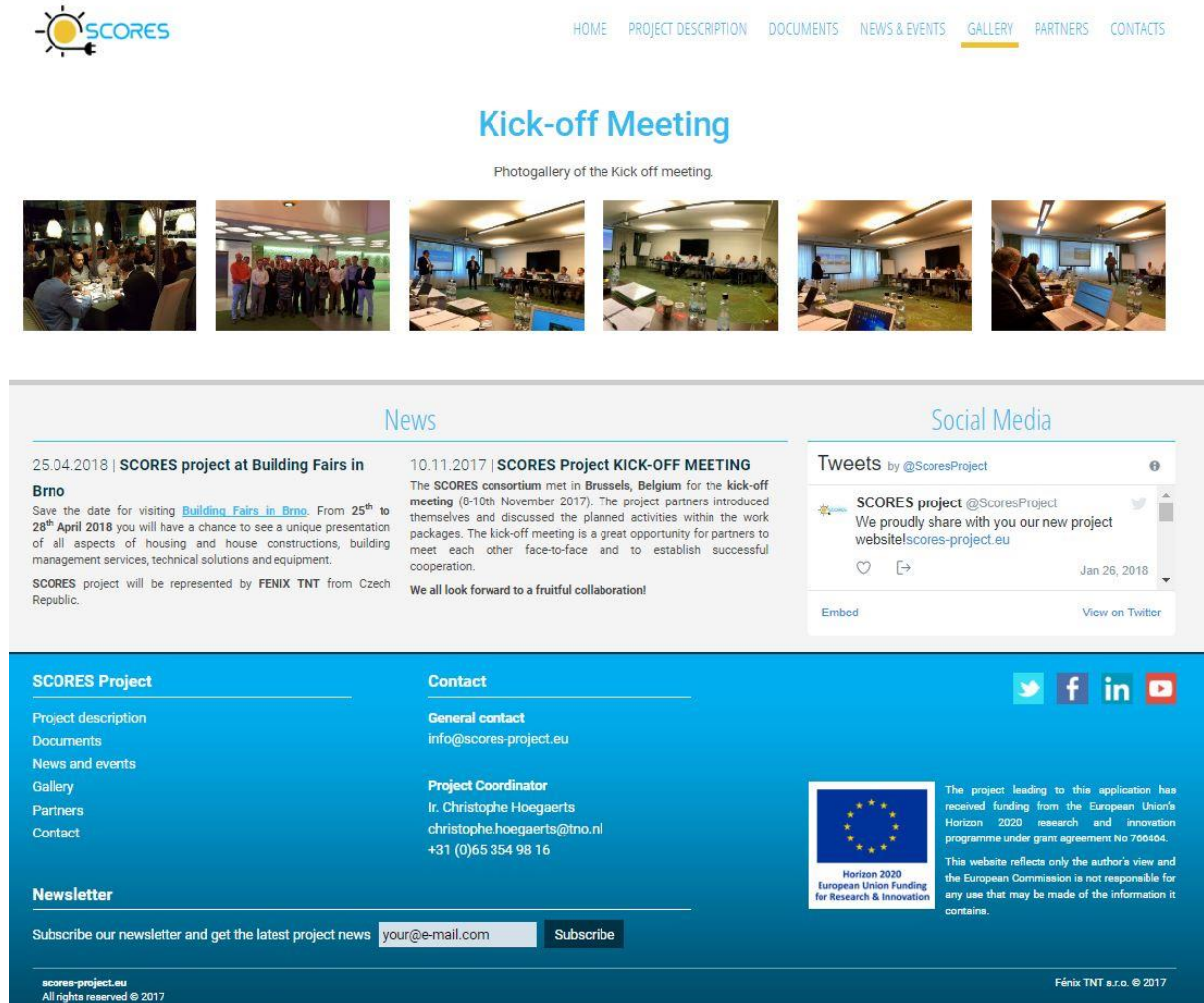


Figure 7 - Gallery section





6.6 Partners page

This part of the website contains information about the partners involved in the SCORES project. It shows each partner's name, logo and a link to the partner's homepage. This part of the website will be static, except for the case of partner changes in the project.

HOME PROJECT DESCRIPTION DOCUMENTS NEWS & EVENTS GALLERY **PARTNERS** CONTACTS

Partners

TNO innovation
for life

TNO: Netherlands Organisation for Applied Scientific Research
tno.nl

AEE - Institute for Sustainable Technologies
aee-intec.at

ELECTRICITE DE FRANCE
edf.fr

RINA CONSULTING SPA
rinaconsulting.org

Ingenuity for life

SIEMENS NEDERLAND NV
siemens.com

KONIG METALL GMBH & CO KG
koenigmetall.com

Instituto Politécnico de Setúbal
INSTITUTO POLITÉCNICO DE SETUBAL
ips.pt

FORSEE POWER
forseepower.com

HELIO PAC
heliopac.fr

CAMPA
campa.fr

FENIX TNT s.r.o.
fenixtnt.cz

SALZBURG AG FÜR ENERGIE, VERKEHR UND TELEKOMMUNIKATION
salzburg-ag.at

News

25.04.2018 | **SCORES project at Building Fairs in Brno**
Save the date for visiting [Building Fairs in Brno](#). From 25th to 28th April 2018 you will have a chance to see a unique presentation of all aspects of housing and house constructions, building management services, technical solutions and equipment.
SCORES project will be represented by **FENIX TNT** from Czech Republic.

10.11.2017 | **SCORES Project KICK-OFF MEETING**
The SCORES consortium met in Brussels, Belgium for the kick-off meeting (8-10th November 2017). The project partners introduced themselves and discussed the planned activities within the work packages. The kick-off meeting is a great opportunity for partners to meet each other face-to-face and to establish successful cooperation.
We all look forward to a fruitful collaboration!

Social Media

Tweets by @ScoresProject

SCORES project @ScoresProject
We proudly share with you our new project website! scores-project.eu

Jan 26, 2018

[Embed](#) [View on Twitter](#)

SCORES Project

- Project description
- Documents
- News and events
- Gallery
- Partners
- Contact

Contact

General contact
info@scores-project.eu

Project Coordinator
Ir. Christophe Hoegaerts
christophe.hoegaerts@tno.nl
+31 (0)65 354 98 16

Subscribe our newsletter and get the latest project news

scores-project.eu
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Fenix TNT s.r.o. © 2017

Horizon 2020
European Union Funding
for Research & Innovation

The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 106604. This website reflects only the author's view and the European Commission is not responsible for any use that may be made of the information it contains.

Figure 8 - Partners section





6.7 Contacts page

The last part of the website contains contact information of the coordinator. It is intended for any inquiries by interested parties.

Ir. Christophe Hoegaerts
Project Coordinator
TNO
Phone: +31 (0)65 354 98 16
E-mail: christophe.hoegaerts@tno.nl

TNO: Netherlands Organisation for Applied Scientific Research
Leeghwaterstraat 44
2628 CA Delft

News
25.04.2018 | **SCORES project at Building Fairs in Brno**
Save the date for visiting [Building Fairs in Brno](#). From 25th to 28th April 2018 you will have a chance to see a unique presentation of all aspects of housing and house constructions, building management services, technical solutions and equipment.
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10.11.2017 | **SCORES Project KICK-OFF MEETING**
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We all look forward to a fruitful collaboration!

Social Media
Tweets by @ScoresProject
SCORES project @ScoresProject
We proudly share with you our new project website! scores-project.eu
Jan 26, 2018

SCORES Project
Project description
Documents
News and events
Gallery
Partners
Contact

Contact
General contact
info@scores-project.eu
Project Coordinator
Ir. Christophe Hoegaerts
christophe.hoegaerts@tno.nl
+31 (0)65 354 98 16

Newsletter
Subscribe our newsletter and get the latest project news

Horizon 2020
European Union Funding
for Research & Innovation
The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 766464.
This website reflects only the author's view and the European Commission is not responsible for any use that may be made of the information it contains.

Figure 9 - Contact section





6.8 Social network profiles and Newsletter subscription

Within the social campaign social network profiles were created and linked to the SCORES website. Social profiles used: Twitter, Facebook, LinkedIn and YouTube. The website contains also online twitter feed.

Newsletter subscription is linked to the info@scores-project.eu where all subscribers are collected for Newsletter campaign.

The screenshot displays the SCORES website interface. At the top, the SCORES logo and navigation menu (HOME, PROJECT DESCRIPTION, DOCUMENTS, NEWS & EVENTS, GALLERY, PARTNERS, CONTACTS) are visible. The main content area features a 'Kick-off Meeting' section with a photogallery of six images showing the event. Below this is a 'News' section with two articles; the second article, dated 10.11.2017, is highlighted with a red box. To the right of the news is a 'Social Media' section displaying a tweet from @ScoresProject, also highlighted with a red box. At the bottom, there is a 'Contact' section with general and project coordinator information, a 'Newsletter' subscription form (highlighted with a red box), and a footer with the European Union logo and project details.

Figure 10 - Social network profiles and Newsletter subscription



6.9 Cookies policy

Cookies are small text files stored on users' computer by their browser. They have many applications, such as: tracking users as they navigate around a website; remembering user preferences; auto-logins for visitors coming back to a site; and website security. Within SCORES project website cookies policy was also implemented.

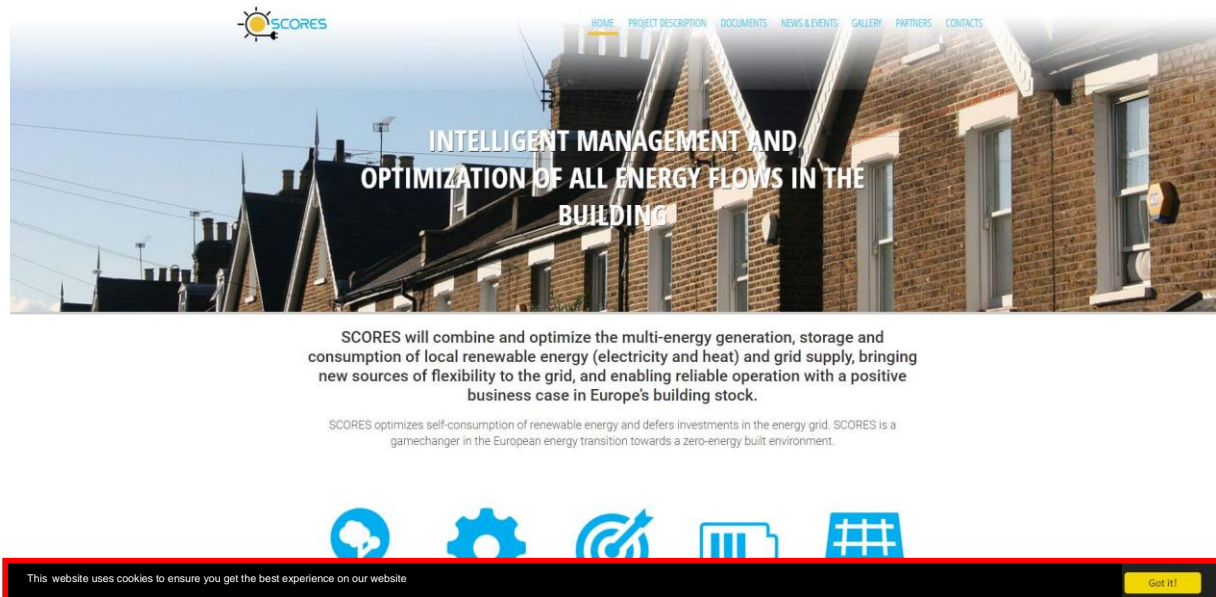
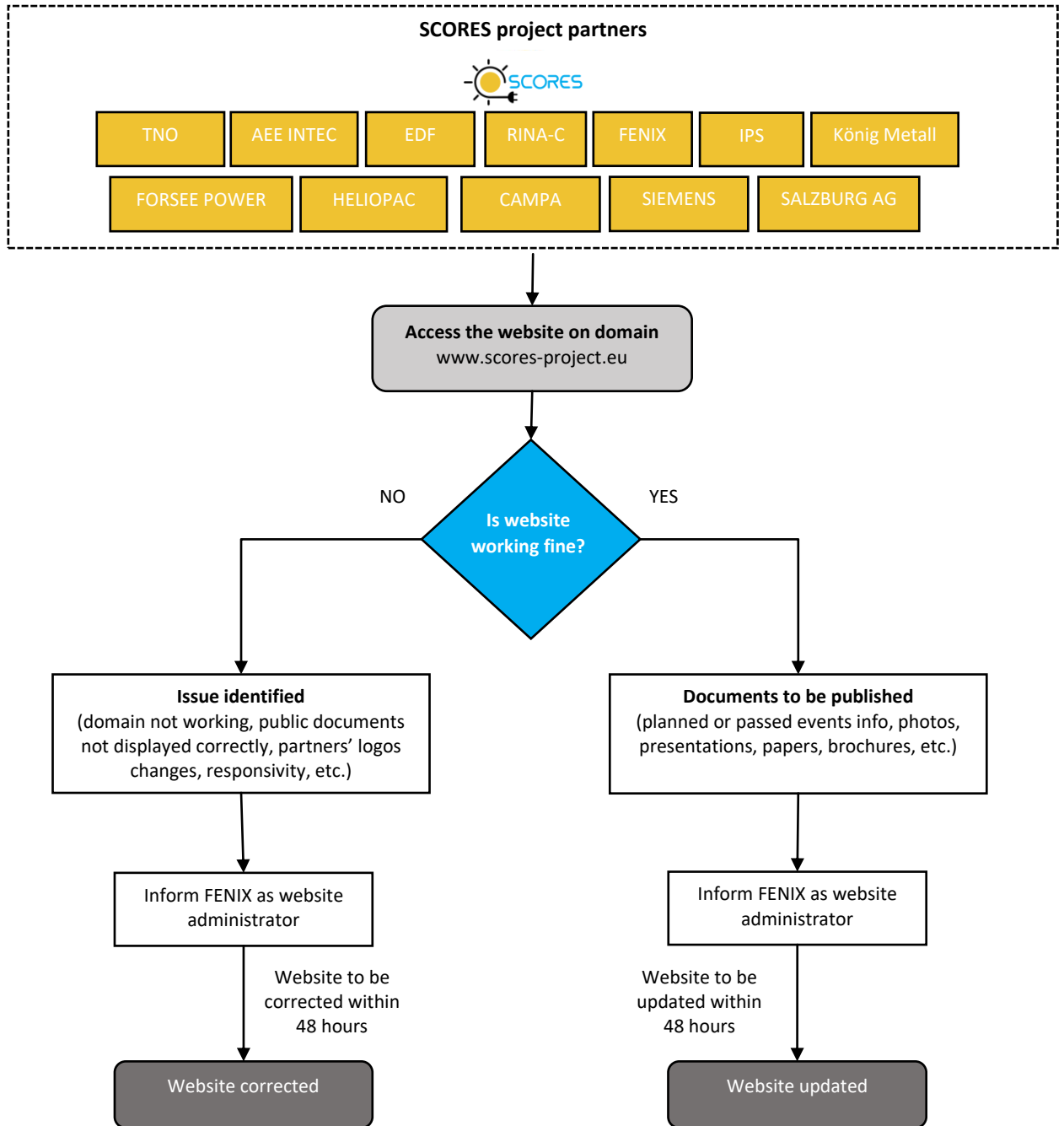


Figure 11 - Cookies policy



6.10 Working with the website

How to solve issues with the website is shown in the flow chart below.





7 Future work

Short term improvements to the website under consideration at the time of deliverable writing include:

- monitoring website statistics (new visitors, return visitors, languages, countries, etc.)
- update of website content based on project progress annually (and on demand when it is necessary)
- short video clip introducing SCORES project displayed on the Home page (planned for M24)
- translation into partners' languages to overcome language barrier in case consortium partners are interested.





8 Conclusions and recommendations

The online SCORES website is a key element of the project's dissemination strategy. This site will ensure the visibility of the project, facilitate the diffusion of the project's results and promote their exploitation.

An initial version of the SCORES project website has been designed, provisioned and deployed on the internet. Consisting mostly of static content, it has been designed to quickly answer the key questions that external visitors to the website are expected to have. The project website will continuously form and develop as the project itself grows.

The information included on the project website is likely to be valuable even after the project has finished. Therefore, the consortium aims at ensuring that the website will continue to exist after the project funding has finished (minimum 2 years) and that bookmarks and published URLs will continue to function.

