



DANDELION

Online Collaborative Platform design and implementation



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DANDELION IN A NUTSHELL

Title	DANDELION – Promoting EU – funded projects of inclusive, innovative and reflective societies (IIRS) – <i>Grand Agreement N°: 693796</i>
Duration	24 months (1st April 2016 – 31st March 2018)
Website	www.dandelion-europe.eu
Coordinator	Q-PLAN International (www.qplan-intl.com) – Greece Mr Iakovos Delioglani
Project Overview	DANDELION is a Coordination and Support Action funded by the European Commission under HORIZON 2020 programme, aiming to: “enhance the uptake and valorisation of research results deriving from EU-funded projects in the field of “Inclusive, Innovative & Reflective Societies” (IIRS) by promoting their work and bridging the communication gap”. The scope of intervention of the project will be in the following policy areas: - Migration and Mobility - Employment and New Growth - Reversing Inequalities - Cultures and Citizenship - Global Justice and Stability The strategic objectives are: • Highlight the value-added for research, policy and society deriving from IIRS projects. • Offer advanced communication services to ongoing (and future) IIRS projects. • Deploy a wide variety of communication tools and activities to facilitate the interaction among all relevant stakeholders. • Create a sustainable and multidisciplinary community to raise the interest and visibility of EU-funded research in the field of IIRS and animate the discussion around the research policies and agendas. • Contribute to the fostering of societal impact out of IIRS research.
Consortium	Q-PLAN International – Greece LOBA – Portugal FVA New Media Design – Italy IPL Insight Publishers – United Kingdom Pedal Consulting – Slovakia Goethe University Frankfurt – Germany CIVITTA – Slovenia
Budget	979.438,00€
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#DandelionEurope

1 Executive Summary

This report summarises the development of Dandelion's Collaborative Platform to be known as the DANDELION SEED SSH RESEARCH LIBRARY. The platform was made live online in December, 2016 and will continue to develop throughout the project lifespan and beyond.

One objective of the Dandelion SEED Platform is to enable the creation of multidisciplinary communities involved in SSH from a business, research and policy perspective as well as involve the general public and media. The community will promote the dissemination and exchange of ideas, research outcomes and SSH-related content and the links created online will lead to further collaboration opportunities among the different players.

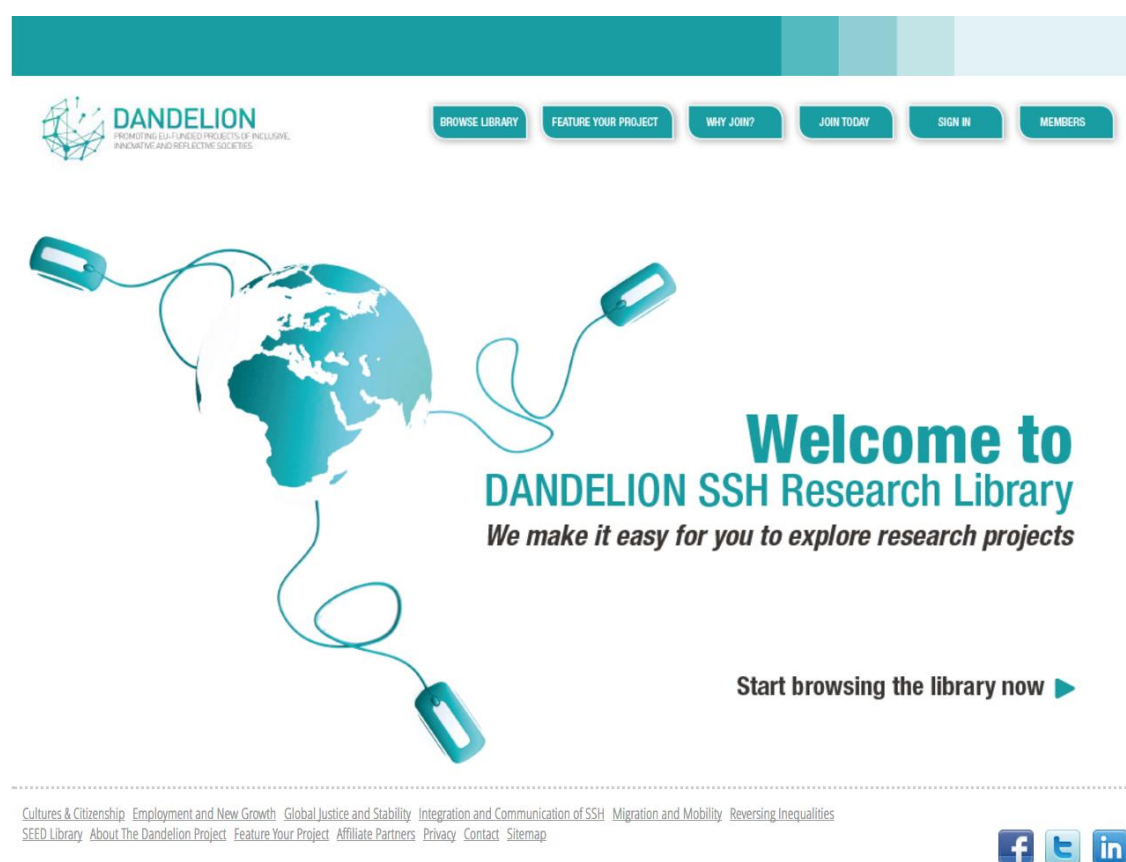


Figure 1: The Dandelion SEED Library landing page

Another objective is to provide IIRS research projects with an innovative dissemination platform, where their results can be seen in an attractive and accessible format, in context with other research focused on the same societal challenges. The purpose is to raise the interest in and visibility of EU-funded research in the field of “Inclusive, Innovative and Reflective societies” and stimulate discussion around the research policies, results and agendas this research creates. The DANDELION SEED Library is an interactive repository for interactive, multi-media digital brochures known as SEEDs. The library combines the very best of traditional publishing with the very latest digital

publishing techniques, using a variety of media. The DANDELION SEED has been specifically designed to enable widespread communication of EU-funded SSH research.

It allows the users to stay informed on research breakthroughs by providing access to a diverse range of material in a variety of formats, including articles, videos, recorded interviews and news. Library visitors can also interact with research projects about their latest results and innovations, while the platform also integrates projects' social media activity, thus aggregating all communications into one attractive space.

In summary, the platform is a valuable asset for those seeking to promote their work and build communities of like-minded individuals and institutions. It is also a valuable asset for those seeking information about IIRS and SSH research and looking to keep up to date with developments as they happen.

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2 Technical overview

The Dandelion SEED framework has been built on project partner IPL's development site and will be hosted on IPL's server as a live portal. Ongoing development will continue throughout the project lifespan and this will be done on the development site in parallel with the live portal, which will be continually updated.

The Dandelion library runs on a PHP backend with an HTML5/Javascript front end. It uses a MySQL database - the code has been upgraded to use the MySQLi PHP library, which is the more secure and efficient replacement for the older standard MySQL PHP library.

The Javascript for the front end user interface uses the latest versions of JQuery and JQuery UI libraries to ensure the best possible consistency across desktop and mobile devices. The data for each SEED is kept abstract from its visual representation, so new types of SEED player could be developed in the future to suit different devices should the need arise.

3 What is a SEED?

A SEED is an interactive digital brochure that combines the very best of traditional publishing with the very latest digital publishing techniques, using a variety of media. The SEED has been specifically designed for research projects to enable active dissemination.

SEED offers a purpose-built content management system where all types of content, including copy, graphics, video, audio and flash presentations can be uploaded and published into an attractive and easy-to-navigate digital brochure called a SEED.

Other documents, files and publications can also be stored in a SEED to be downloaded on to desktops.

Projects can choose from a range of flexible brochure templates in which the content can be presented.

Brochures come with in-built interactive functionality and integration with social media sites such as Facebook, Twitter and LinkedIn. This enables direct communication between research projects and their audiences and ensures that all project communications can be viewed in one space.

SEEDs also have their own interactive functionality so members can keep their own personal notes on individual projects as well as leaving comments for others to see.



Dandelion SEEDs can be viewed both on and offline and can be integrated into a project's own website as well as being hosted on the Dandelion SEED Library. They can also be put on to a memory stick to be distributed to delegates at conferences.

But it is through the Dandelion SEED Library that SEEDs really come to life, bringing SSH research and innovation to the fingertips of all relevant stakeholders.

4 The Dandelion SEED Library

The real genius of Dandelion SEEDs is the way in which information is distributed – through its own, dedicated research library, The Dandelion SEED Library.

The SEED Library brings SSH research dissemination into context by hosting all project SEEDs in relevant thematic sections of the identified societal challenges facing Europe, and enabling members to follow those SEEDs in which they have a specific interest, from a policy, business, research or general perspective (Dandelion's quadruple helix).

Once created, SSH research project *SEEDs* are published on this library and disseminated to decision makers, influences and all stakeholders within the SSH and IIRS research domain. Interested library users can select to 'follow' each *SEED* in order to keep abreast of your research and innovation updates and developments. Followers are automatically alerted of any new content published on SEEDs, meaning they are always kept fully up to date with the results of their selected project.

For projects, this ensures they are constantly building and interacting with a valuable list of potential users, collaborators, partners and funders, all with a known interest in their work

Another major benefit of featuring on the Dandelion SEED Research Library is that those with a genuine interest in the work projects are doing are more likely to find out about you than by simply browsing the web. In the *SEED Research Library* projects are placed next to other research projects that are exploring similar or complimentary areas of research and innovation – i.e. the library puts research projects into context.

4.1 Dandelion SEED Research Library key benefits overview

- Puts research projects into the context of what's going on in SSH research across Europe
- Builds up a list of project 'followers' for future targeted communication and collaboration



- Reaches a much wider and relevant online audience than standard websites
- Enables collaboration, partner and funding opportunities
- Shares information and communicates with user groups and audiences of similar projects – so avoids reinventing the wheel!
- Gathers feedback, shares knowledge and interacts with other projects and users for future research and innovation success

The Dandelion SEED Library will be actively marketed by the Dandelion project to ensure an ever-growing membership base to benefit each research project it features. Future plans include a Dandelion web application.

Having a presence on the Dandelion SEED Research Library is an efficient and cost-effective form of active dissemination available to SSH research projects, while it allows for effective community building of stakeholders with complementary interests.

5 Membership

The Dandelion SEED Library is a membership portal. While all the information about IIRS and SSH research contained in the library is open access, being a member brings additional benefits, while also enabling projects involved in Dandelion to gather valuable data and build bespoke communities.

When joining, members provide specific information in their profiles and gain access to valuable data about fellow members in return. The data they provide will help Dandelion build a useful database of IIRS stakeholders and be able to categorise members within the quadruple helix defined in the project and aid targeted dissemination.

The large database of member stakeholders will link people through their mutual interests, expertise and involvement in research both past and present.

5.1 Joining and data collection

All those involved in or with an interest in IIRS and SSH research will be invited to join the Dandelion SEED Library through extensive marketing activity by the Dandelion project. Benefits of membership will also be clearly signposted on the Library portal and on the Dandelion website.



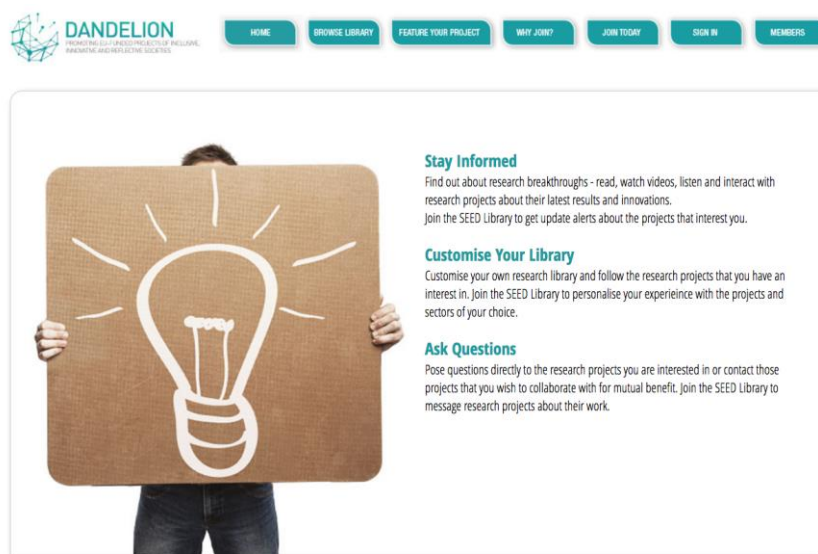


Figure 2: The benefits of membership outlined on the Why Join page

Members will be asked to submit specific data about themselves that will form their profile. From this, they will be able to customise their library interface to make it more useful for their specific needs, while their profile information will also enable projects to target specific information related to each member's specific interests.

Join The Dandelion Project

The Dandelion Project is the quick and easy way to ensure that you stay connected with the latest research project findings from across Europe. By creating a The Dandelion Project account you will be able to personalise your home page and follow and message research projects of interest.

Fields marked with a * must be completed

You can change your preferences at any time by simply logging in.

Title: * -please select-

Firstname: *

Surname: *

Organisation: *

Research Project Name: (if applicable)

Job Title: *

Email: *

Contact telephone

If you are happy to receive The Dandelion Project alerts via text message please provide your mobile number: (Please enter your full international dialling code, i.e. 0044 117 2033 120)

Mobile Phone

Social Networking
Please include the full URL link including the http:// bit

Facebook:

Twitter:

LinkedIn:

Research areas
You will receive information on all research areas below, however if you would prefer to only receive information on particular areas please use the tick boxes below:

- ☐ Cultures & Citizenship
- ☐ Employment & New Growth
- ☐ Global Justice & Stability
- ☐ Integration & Communication of SSH
- ☐ Migration Research Platform
- ☐ Reversing Inequalities

Areas of Interest
You may tick one or more options

- ☐ Civil Society & End Users
- ☐ Industry & Business
- ☐ Public Administration Policy
- ☐ Research & Education

Would you like to receive The Dandelion Project newsletters?
☐ Yes

We will soon be launching the The Dandelion Project Directory, a place where you can find people and organisations that you wish to contact or collaborate with for future research and innovation. If you do not wish to be part of this directory please untick this box
☒

Once you have registered you will be sent a confirmation email to the address supplied as your username above.

You will be sent instructions to set your password and security details. Once set, you can change your preferences at any time by simply logging in.

Figure 3: The joining page from which Dandelion member profiles will be created

In addition to the information gathered on the form, there is a free form space where members can add additional information to complete their profile. This can include positions held, expertise, involvement in programmes and projects, for example, “governmental expert at the H2020 Programme Committee for SC6” or “expert evaluator in FP7”. This will be valuable for the member as it will help link them up with relevant projects and members in the Library.

Members are also able to add information about the SEEDs within the Library with which they have an association. This will help build up a useful database of research actors involved in specific types of research and bespoke contact groups can be created to aid future collaboration. This part of the membership enrolment is moderated to ensure only bone fide associations are recorded.

5.2 Benefits of membership as a Library user

From a library user perspective, the benefits of joining the Dandelion community are that you will receive the latest information about research in which you have a direct interest. Membership will put you into direct communication with the researchers carrying out that work, while being part of a wider community you will be able to interact with others who share similar interests.

Membership brings you the following enhanced functionality:

5.2.1 Customisation

As a member, you will be able to customise your library interface so that your home screen only displays the SEEDs of the projects from those sectors you have selected in your profile. You can see all sectors, but only those you have selected will appear on your own personal home page.

5.2.2 Follow function

As a member you will be able to “follow” individual project SEEDs in which you have a particular interest. All SEEDs selected to be followed will be displayed in each member’s personal My SEEDs section for easy access. By following a SEED, members will be automatically alerted by email to the latest developments posted by the project in the library, ensuring they are kept fully up to date with the project’s progress and any results. By following a SEED, members will also be able to post comments on that SEED’s individual wall, meaning they are able to be involved in ongoing discussions online about the project’s activities



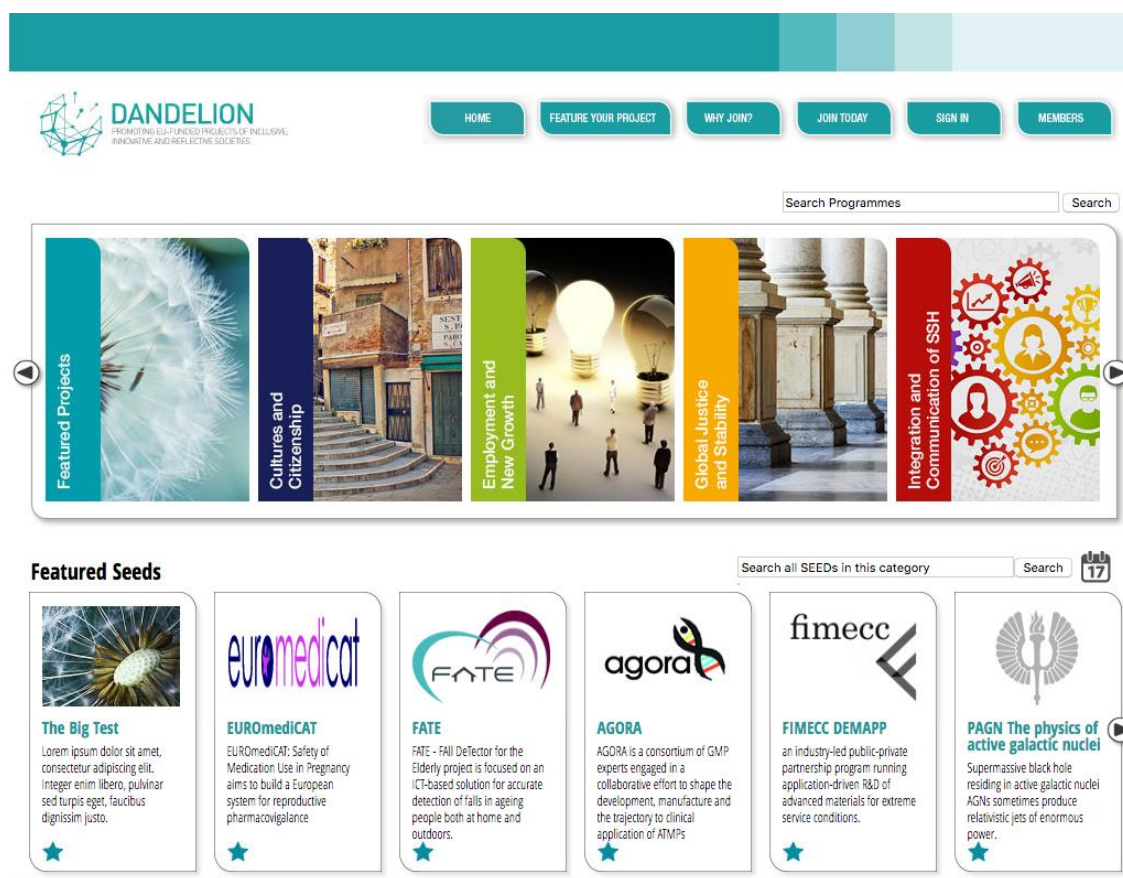


Figure 4: Members are able to customise their home page and select which of the various sections to display. They can also select to follow individual SEEDs for My SEEDs

5.2.3 Member profile

When joining the Dandelion SEED SSH Research Library, members will be asked to submit information about themselves and their interests, which will form their profile. Each member will then have their own profile page, which is visible to other members. This will enable members to be grouped according to interests and targeted for relevant communications. Information gathered for the profile includes:

- Name
- Expertise in relation to Dandelion's Quadruple helix
- Country
- Organisation
- Type of organisation – dropdown
- Job title

- Main role
- Phone
- Email
- Company website
- Web presence on Twitter, LinkedIn and Facebook
- SSH areas of interest – DANDELION's thematic focus for now
 - **Migration Research Platform**
 - **Employment and New Growth**
 - **Reversing Inequalities**
 - **Cultures and Citizenship**
 - **Global Justice and Stability**
 - **Integration and Communication of SSH**

Members will also be able to add information about themselves and their work in a free form box that will be added to their profile page, alongside their head and shoulders photograph.

The areas of interest will be displayed on members' profile pages as attractive icons that match those used on the Dandelion website



Figure 5: Thematic icons as displayed on the Dandelion website

Some information to be displayed on the member profile pages will be displayed on every page, but members can choose to hide certain information, like phone numbers, for example.

5.2.4 Search functionality for members

All member profiles will be included in the Dandelion SEED database. This is destined to become a valuable resource for all stakeholders involved in SSH research and implementation from the four areas of interest highlighted by the project – academia, business, policy and general public and media. To increase its viability as a valuable resource in this sector, the database is searchable and members can be found and

grouped in relation to their stated interest in SSH and IIRS, geographical area, job, areas of research, activity in the Library (followed SEEDs). See section 8.

5.2.5 Member's social media integration

When signing up as a member and filling in profile information, members will be asked to include their details for their Twitter, Facebook and LinkedIn activity. This is voluntary. All social media activity for the channels selected by each member will be displayed on their profile page – keeping all their activity in one place, displayed within the SEED Player. Once a member is following individual projects (SEEDs), their activity on each SEED's wall will also be displayed on their profile page. Members can also see which SEEDs each member is following. If they have their own SEED, these details will also be added to the profile, with a link to it, list of followers of it and list of associated members.

5.2.6 Content nudging

As part of the member's customised home page in the SEED Library, sections will be added that enhance their experience and increase their exposure to information within their stated interests. As well as the My SEEDs section, which contains all their "followed" SEEDs, their will also have a "Featured SEEDs" section that contains all SEEDs within their stated interests that have new information and a "Recommended SEEDs" section that pushes SEEDs into their home page that the Library thinks they may be interested in. Finally, members will be able to apply to have their own SEED in the Library by clicking through to a "How To" page and application form.



Figure 6: The member home page with the various content nudges displayed

6 SSH projects in the Dandelion SEED Library

As well as being a valuable information source and interactive community for library visitor members, the Dandelion SEED Library has also been designed to deliver valuable benefits for those projects involved in using the resource as a communications tool for their research work.

It is important that the SEED ecosystem is seen as useful from these two perspectives – for those looking to be informed about the latest thinking in the SSH domain and for those looking to communicate that thinking to a relevant audience.

6.1 Initial project selection

Dandelion partners have selected 30 SSH projects to be part of the initial launch of the Dandelion SEED Research Library. These projects have all been identified as being interested in benefitting from the enhanced dissemination strategies being developed by Dandelion to be offered to projects.

All 30 projects have been invited to participate and have been sent the relevant information about the materials they need to collect and the process involved.

For this first iteration, Dandelion partners will build the original SEEDs, but after that initial stage, the library will be opened up to projects for them to manage their own SEED build and ongoing maintenance. It is important that projects have this functionality and are responsible for keeping their SEEDs up to date. By being made aware of the benefits of this activity, they will understand why remaining active in the library is so important for their dissemination success.

The materials needed for a typical SEED build are indicated in the following figures 7 & 8. These have been sent to the selected projects for the initial build and will be adapted for projects who register to participate and will be building their own SEEDs in the future.





Materials needed for the SEED

A SEED can use any of these button types. A button type can be included more than once if needed.

SEED page description	Materials we require from you
Cover Page <i>Visually striking with heading and summary of the project, displaying the buttons listed below.</i>	☐ Filled in 'Project Information Form' to form the 'at a glance' information ☐ Any existing social media platform details, such as Facebook, Twitter, LinkedIn, etc. ☐ Any images that you would like to use for the rotating cover pages. <i>DANDELION has a large library of images that can be used if needed.</i>
Button One – Text button <i>Required text for button one – you can have any number of text buttons</i>	☐ Text to be provided / written by Insight Editor (TBC) ☐ Any relevant diagrams or images you wish to accompany the text
Button Two – Project Team <i>This section identifies the key personnel involved in the project, providing a brief resume of their work and expertise, details of their role within the project, contact details etc.</i>	☐ Photograph of each team member ☐ Short bio ☐ Role within the project ☐ Contact details – phone, Skype, email, Twitter
Button Three – Project Partners <i>This section showcases all partners involved in the research, outlining the nature of their involvement, their expertise and the work they have done.</i>	☐ Partner logo ☐ Brief description of involvement ☐ Key contact details – phone, Skype, email, social media etc
Button Four – Image Gallery <i>This button brings up a library of all the project's imagery, including graphs, panels and other graphics. There is space for explanatory captions for each image.</i>	☐ High resolution images and suitable captions
Button Five – Video <i>Videos are displayed as thumbnails in the scrollable section and explanatory words can describe what each shows.</i>	☐ VTI video with suitable introductory text (we can write this for you if you wish) Videos should be MP4 if possible
Button Six – Presentation <i>This will include the project's PowerPoints. An audio recording will go alongside the PowerPoint recording. If this does not exist, it can be arranged</i>	☐ PowerPoint ☐ If you are providing the recording, please provide the audio. If you wish us to record it, please provide a suitable script.
Button Seven – File Repository <i>This button hosts files for users to download. There is space for a short description of each file.</i>	☐ Any files in pdf or word format ☐ Suitable descriptive captions

Figure 7: A check list for a typical SEED build



Project Information Form for the SEED

Please fill in...

Project Title (Acronym and full title):	
Call Identifier	
Theme	
Specific Program	
Total Call Budget	
Project Cost	
Project Funding	
Project Start Date	
Project Duration	
Project End Date	
Coordinating Organisation	
Call Objective	
Projects Proposed Solution	
EC Funding	

If your information cannot be categorised as above, we do have an option to have a free flowing text box instead. If you would prefer this, please detail the information you would like displayed below.

Figure 8: A project information form. This information will be displayed in an interactive panel on each project's SEED



6.2 SEED owners

A SEED owner is someone, a project, who is able to add a SEED to the SEED Library, add content and manage users. A lot of work has gone into simplifying the interface the SEED owner will use and explain how the process works. The idea is for the portal to be self managed, with Dandelion partner IPL acting as systems administrator for:

- Quality control
- Helpdesk
- Assigning roles for project people
- System management and updates

6.3 Assigned roles for SEED owners

After successfully applying to have a project featured in the Dandelion SEED Library, the new SEED owner will be given login and password details. Each project will have three main roles assigned to them

- **Administrator**
 - Set up the SEED
 - Delegate jobs
 - Update
 - Delete
 - Publish
 - Moderate
- **Editors**
 - Add content
 - Update
 - Publish – if assigned that task by the administrator
- **Moderator**
 - Appointed by the Administrator
 - To monitor and publish external content – wall content
 - Can delete wall content



6.4 Moderation of content

SEED owners will be responsible for the content published on their SEEDs in the Dandelion SEED Library. IPL will, however, monitor content and remove what is deemed unsuitable based on a set of criteria in relation to accuracy, language, taste, racist or sexist material, breach of copyright etc. IPL will also assess complaints made about content and act accordingly.

SEEDs are open to the publication of external content and this content will be moderated by the SEED owner. There are two ways for the SEED owner to moderate and both can be used.

- The SEED's moderator will receive an email alert when there is a start of activity on that SEED's Wall. The moderator can then log in, watch, join in and moderate this discussion.
- If unable to log in, doesn't want to for whatever reason or misses the email alert of activity, the moderator will receive an email at the end of any day when there is Wall activity to review.

6.5 Alerts

SEED owners and library members are alerted of activity on the Dandelion SEED Library, depending on their role and membership details. This is a valuable function to ensure the library is useful for both types of member.

- SEED owners are alerted when a member chooses to follow their SEED
- Followers are alerted of any new (significant) content on the SEEDs they are following
- Wall activity alerts will be subject to the following criteria:

You will be alerted if you are following a SEED

You will be alerted if you have written on a SEED's wall as a member, but not a follower

You are the SEED's administrator.

6.6 Benefits for SEED owners

SEED is an interactive, effective and active dissemination tool designed specifically for SSH projects using the very best in digital publishing to deliver a variety of media across a broad range of platforms. With this content being published on the Dandelion



SEED Research Library, it not only places the dissemination into context, but offers users the chance to customise their library and follow those projects in which they have a specific interest.

This benefits the projects and SEED is an active experience, not passive dissemination. SEED allows projects to engage and interact with their audience, create and manage genuine user groups based on active participation of users and also delivers measurable impact through analytical web tools designed to provide the information projects need.

Project coordinators can also manage and coordinate their dissemination activities using SEED as well as use it as a presentation tool. SEED does all this in one place, using one platform.

Specific benefits for the SEED owner include the following key points:

- The ability to display the project's multi-media communications on one interactive digital SEED brochure
- Getting seen in context – the SEEDs are displayed on an attractive, interactive portal in thematic context
- Other social media activity is integrated into one place, meaning the project's SEED becomes a one-stop shop for content delivery across all social platforms.
- Projects are able to create and manage their own SEEDs, making them a flexible part of an overall communications strategy that enables them to target a relevant and known audience, attract followers and communicate directly with those they know have an interest in their work.
- Projects are also able to build sophisticated target audience groups, based on the SEED's search functionality.
 - Useful for targeted dissemination – select on example criteria like being a SEED user, SEED owner, not SEED member, workshop participant, all, Dandelion interest.
 - Further filters – jobs, interests, position, country, sector, etc
 - Further filters for project use – people following certain SEEDs, recommend SEEDs, activity in the portal, inactivity in the portal etc
- Projects are able to understand their audiences obtained through SEED membership. Sophisticated analytics mean they know what communications work and who they are reaching. They are able to understand what specific user profiles find useful and what they interact with, and then deliver that type of content directly to them.



6.7 Analytics

All SEEDs are and all activity on the SEED Library is subject to sophisticated analytics and so projects are able to monitor activity on their specific SEEDs and assess what type of information is useful to each user group defined by user profile. This is valuable information that will enable projects to target relevant information at specific audiences.



Figure 9: An analytics report showing views, time spent on a SEED, follower numbers, user numbers, section times

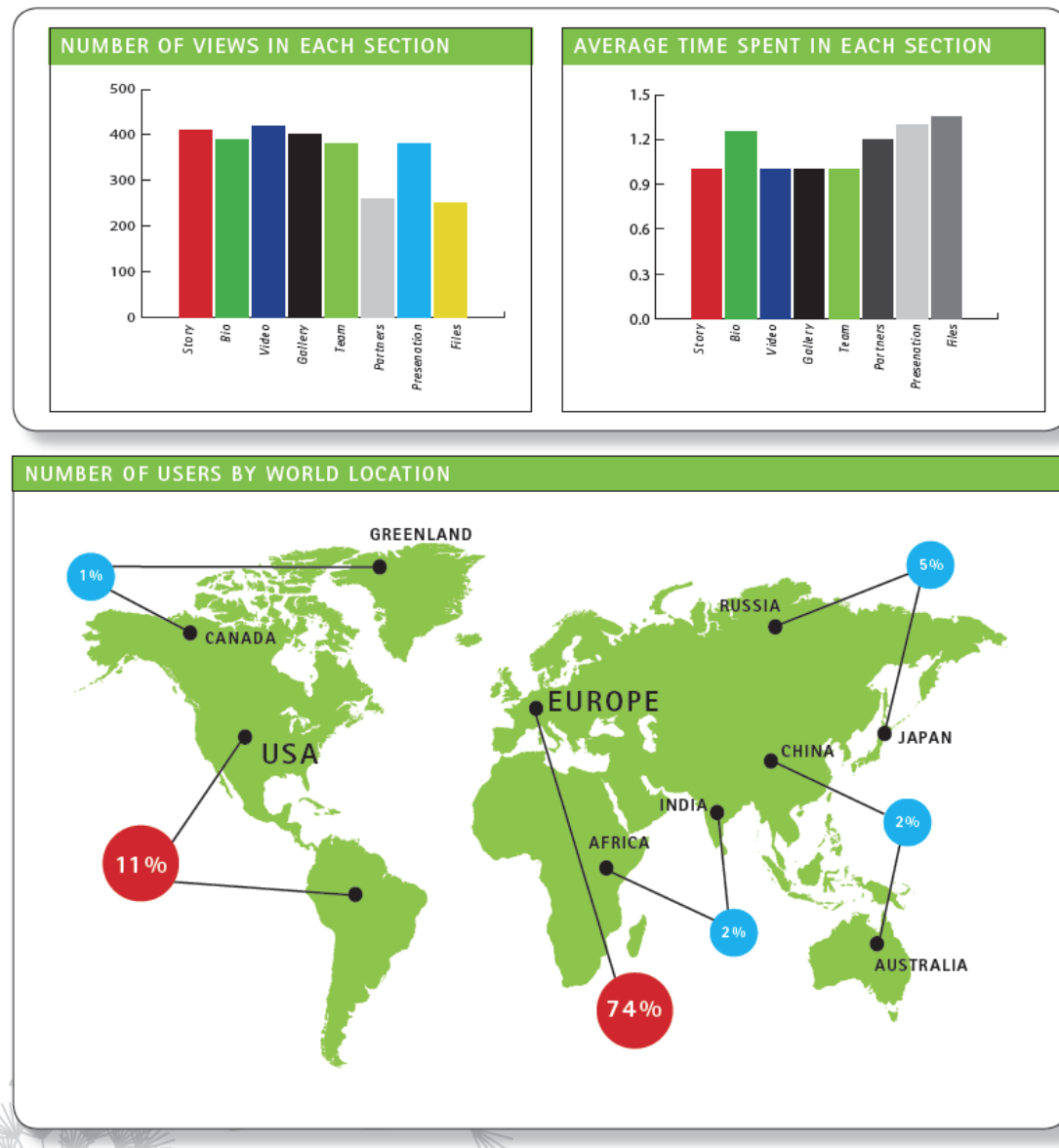


Figure 10: An analytics report showing section views and times as well as views based on geographical location

7 Keeping things simple

The backend functionality of the Dandelion SEED Research Library has been developed to be simple to use. Project coordinators and researchers are extremely busy and evidence suggests that they simply would not use another complicated platform if the task was difficult and took too much time.

As well as making the SEED system extremely intuitive and easy to use, the project has addressed this problem by ensuring that the many benefits of participating in the Library are effectively communicated to and understood by all SSH projects.

It is expected that by building to a critical mass of content in the Library, its value to users to join will also become self-evident and that by developing both content and membership, its growth and, therefore, value will increase exponentially.

7.1 Building a SEED

The following screenshots from the backend of the SEED Library demonstrate the process of building a SEED. This process will be included in a “How To” walkthrough video, which will be available through the Library interface when projects are able to build their own SEEDs.



Log in
*** All fields must be completed:**
Username (your email address)*:
Password*:
CAPTCHA: 
Enter 3 black symbols

Login Help
The Username will be your email address.
The password must include at least One uppercase letter, One lowercase letter, One number and One special character - @+*%&^()~!
Please remember to not let anyone overlook you when entering your login details
If you experience any problems logging in please contact help@thedandelionproject.eu.
Please enter the three black characters that you see in the CAPTCHA image.
If you have forgotten your password, please use the link below for instructions on how to reset it.

Login Help
[▶ Forgotten password?](#)

SEED owner login page, with instructions and help text





Alison Sellars (Full) | [Change Password](#) | [Log out](#)

Login Information

Last signed in: 22 December 2016 10:40:55

Links

[manage SEED list](#) | [Calendar](#) | [Users](#) | [View pages](#) | [Partners/Supporters](#) | [Campaigns](#)

SEEDS

[Add a SEED](#)

Select a category to view the SEEDs in the category

[Cultures & Citizenship](#) | [Employment & New Growth](#) | [Global Justice & Stability](#) | [Integration & Communication of SSH](#) | [Migration Research Platform](#) | [Reversing Inequalities](#)

The welcome page once logged in and Add a SEED button



Dave Sellars (Master) | [Change Password](#) | [Log out](#)[manage SEED list](#)[View Users](#)**Add a new SEED**

Fields marked with an * are mandatory

Not sure what information you need to create a SEED? [?](#)**SEED Administrator (Email):****Meta title *****Meta description *****Meta keywords *****SEED Header/Title *****Header font** [?](#)**Font colour of header** [?](#)**Size of header** [?](#)**Project/Organisation *****Library text *** [?](#)**Type of SEED *** [?](#)☒ Master
☐ Sub

Please select a Master SEED if you have selected Sub as the type of SEED above.

Main category * **Second category** **Upload thumbnail image** [?](#) no file selected**Introduction *** [?](#)

Ready to set up your SEED. Just type in the initial information





Alison Sellars (Full) | [Change Password](#) | [Log out](#)

Links

[manage SEED list](#) | [Calendar](#) | [Users](#) | [View pages](#) | [Partners/Supporters](#) | [Campaigns](#)

[manage SEED list](#)

[SEED Information](#)

[Preview SEED](#)

[Calendar](#)

[History](#)

[Associated Members](#)

[Statistics](#)

SEED information

Image:



S-TEAM fires up science education

The S-TEAM project is seeking to address scientific literacy and encourage inquiry-based science education

NOT BELOW THIS LINE

SEED Administrator:

ellen@ipl.eu.com

Keyword tags:

science, education, inquiry, learning, school, S-TEAM, literacy

Main Category:

Cultures & Citizenship

Second Category:

N/A

Template:

SEEDTemplate_1

Theme:

white

Use the transparent block?

Yes (Colour: White)

SEED Header/title:

S-TEAM fires up science education

Font: OrbitronBlack (Colour: #000000, Size: 0 pixels)

Project/organisation:

S-TEAM

Introduction:

The S-TEAM project is seeking to address scientific literacy and problems in recruiting students to science, technology, engineering and mathematics (STEM) careers. By communicating advanced teaching methods it is thought that students will engage with inquiry-based science education

Twitter:

N/A

Facebook:

N/A

LinkedIn:

N/A

Messaging Wall:

N/A

FP7 Branding:

No

Featured SEED?

Yes

Meta title:

S-TEAM fires up science education

Meta description:

The S-TEAM project is seeking to address scientific literacy and encourage inquiry-based science education

Meta keywords:

science, education, inquiry, learning, school, S-TEAM, literacy

Significant modification:

Main SEED Information

?

This SEED is ONLINE

The SEED can not be an online SEED until the sections are completed below:

The first input of information and data for the SEED, including the text for the button viewed in the library interface



EC Information

EC Branding:


EC Miscellaneous:

The S-TEAM Project is of 22 projects that make up the EC's Science Education Proconet FP7 network.

ProCoNet is an informal professional association for project coordinators in FP7, focusing on projects in Science, Technology, Engineering and Mathematics education. Its objective is to improve inter-project collaboration and to provide a channel for discussion between EU departments, project staff and other interested bodies, about issues of mutual interest.

The S-TEAM Project started in June 2009 and will end in May, 2012.

The project costs arr 5.24million Euro and the contribution through FP7 funding is 4.7million Euro.

[Update EC Info](#)

Menu Options

Menu Title	Menu Type	Update	Delete
Introduction to S-TEAM	STORY	Update	Delete
Results so far	STORY	Update	Delete
S-TEAM file repository	FILES	Update	Delete

[Add](#)

[Swap the order of the menu button](#)

News

There are no news items for this SEED

[Add](#)

Project description is added and buttons to be used selected

Menu button - S-TEAM file repository (FILES)

Click on the file to download it.

S-TEAM Conference Report	Comprehensive report of the S-TEAM conference	Update	Delete
S-TEAM work package	Argumentation Training Materials Part 2	Update	Delete
Introduction to S-TEAM	A comprehensive introduction to the S-TEAM project	Update	Delete
S-TEAM Leaflet	Leaflet detailing the aims and importance of the S-TEAM project	Update	Delete
S-TEAM parents leaflet	Leaflet for parents explaining the aims and importance of the S-TEAM project	Update	Delete
Gitomer & Duschl NSSE Yearbook	Establishing Multilevel Coherence in Assessment	Update	Delete
Final analysis report	A final analysis on the S-TEAM project evaluating the successes and challenges.	Update	Delete

[Add](#)

The file repository is populated



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Links
[manage SEED list](#) | [Calendar](#) | [Users](#) | [View pages](#) | [Partners/Supporters](#) | [Campaigns](#)

[manage SEED list](#) | [SEED Information](#) | [Preview SEED](#) | [Calendar](#) | [History](#) | [Associated Members](#) | [Statistics](#)

Update Story for S-TEAM fires up science education
Fields marked with an * are mandatory

Title *

Summary * ?

The S-TEAM project, as manager Peter Gray explains, is promoting inquiry-based science teaching, a method based on learning through pupil's questions and subsequent investigations. Better professional development for teachers is key to achieving this goal

Content * ?

The EU is concerned, at a political level, with increasing the supply of Science, Technology, Engineering and Mathematics (STEM) graduates, and also with increasing young people's scientific literacy and engagement, through Framework Programme Seven (FP7) Science-in Society projects aimed at promoting inquiry based science teaching. S-TEAM is a consortium of 15 countries and 26 institutions, which began on 1 May 2009 and will run for three years.
 It is coordinated by the Norwegian University of Science and Technology in Trondheim, and builds on the Mind the Gap project, which was completed in April 2010. S-TEAM, in common with several other Science-in-Society projects, aims to improve science education through the widespread dissemination of inquiry-based science teaching (IBST, or simply, inquiry).
 There is evidence that inquiry works although some forms of inquiry work better than others, for a variety of reasons. Inquiry is intuitively a 'good thing', but how effective it is depends on the nature of the desired outcomes such as developing more inquisitive students, ensuring better grades, or simply making more scientists.
 Our way of disseminating inquiry is through teacher education and teacher professional development activities, not just by informing teachers about new methods and resources, but also by allowing teachers to inform each other. Teachers operate in local spaces - schools, communities, regions - but have ideas to share across boundaries. S-TEAM will provide coordination and support to make this happen.
 Its vehicles for doing this are professional development materials of various kinds. One purpose of these materials is to give teachers

An example of content added to a button. Simple text boxes to fill in

Images

Image - 1


Do you want to change the image 1? If yes please tick the box below, otherwise the image 1 will remain the same
☐

Upload Image 1 ?
 no file selected

Image - 2


Do you want to change the image 2? If yes please tick the box below, otherwise the image 2 will remain the same
☐

Upload Image 2 ?
 no file selected

Adding pictures is simple

Events you are not following

Thursday, 1st January 1970

10:00	Test2	Follow this Event
	Category: Cultures & Citizenship	
10:00	Test2	Follow this Event
	Category: Cultures & Citizenship	
10:00	Test2	Follow this Event
	Category: Cultures & Citizenship	
10:00	Test2	Follow this Event
	Category: Cultures & Citizenship	

The event list to be populated – and you can select events in your category to follow



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[manage SEED list](#) [View Users](#)

Add a user

[Add a User](#)

Administration users

✗ Not set security details

✓ Active account

🔒 User has been temporarily locked out of their administration account, they will need to be unlocked in order to use the CMS.

Master

Restricted

Company	Type	Details	Project (if applicable)	Change
✓ JG Fencing		Dave Sellars dave.sellars@blossomhill.co.uk (Licenses using: 2 of 4) (Featured SEED's using: 2 of 2)	N/A	Update
✓ JG Fencing		John Gwyther test1@blossomhill.co.uk	N/A	Update Delete

Adding new SEED users to your account is easy. Set their preferences here, too



8 Community building and collaboration

One of the main aims of the Dandelion SEED Library is for it to enable the building of a multi-stakeholder SSH community. For this to be a worthwhile exercise, it is important that those who join the community find the library useful. The functionality of the library explained in this document maximises the chances of it becoming a valuable asset for those involved in SSH research.

- For those doing the research having a platform from which to disseminate their results and be in direct contact with the target audience.
- For those using research results – policy makers, citizens etc – who are able to access specific information in which they have an interest in one place and are kept up to date with developments without having to search for new information.

To make this platform really useful, however, it is important that it becomes a collaborative portal upon which members are able to interact, form groups, search for collaborative opportunities and share ideas.

Although the library is fully functional as an open access portal, members gain additional benefits and this fact will be used to motivate people to join and thus become part of the community.

As the database of members and SEED owners grows, it will become more and more valuable. To make it useful, however, the data needs to be available for all and users must be able to form groups according to a variety of filtered search categories.

Members are visible to all when searching the Library. Non-members, however, are able to view limited information.



Olivier SALVI EU-VRI	nanoSTAIR	ASSOCIATED SEEDS
Eddy Sam Construction	ICT on Project Management	
Joao Santos Silva AdI		ASSOCIATED SEEDS

Figure 11: Basic information about members viewable by non-members

Members are able to immediately see more information about other members on an initial search.

Olivier SALVI EU-VRI	nanoSTAIR	ASSOCIATED SEEDS FOLLOWED SEEDS	salvi@eu-vri.eu T: +497111839749	THEMATIC INTERESTS
Eddy Sam Construction	ICT on Project Management		noveight11@yahoo.com	THEMATIC INTERESTS
Joao Santos Silva AdI		ASSOCIATED SEEDS	jsilva@adi.pt	THEMATIC INTERESTS

Figure 12: More detailed information about members seen by members on a basic search

Members are also able to see other members' profile pages and add them to a list of people in their own group who they would like to "follow". Additional advantages of being able to see other members' profiles are that:

- A member's areas of interest will be shown as icons
- All social media activity for the channels selected by each member will be displayed on their profile page – keeping all their activity in one place, displayed within the SEED Player.
- Once a member is following individual projects (SEEDs), their activity on each SEED's wall will be displayed.
- Members can also see which SEEDs each member is following.
- If they have their own SEED, these details will also be added to the profile, with a link to it, list of followers of it and list of associated members.

Members are able to further customise their search for other members to form groups by being able to filter their requests by:

- Name
- Country
- Thematic interest
- Which SEEDs are being followed
- Associated SEEDs (projects)
- Type of organization – NGO, research, SME etc
- Quadruple Helix position
- Job title/role

This is a valuable function for those looking for collaborative opportunities, while it is also useful for those looking to target communications to specific groups.

9 Conclusions

The Dandelion SEED Library will be integral with the Dandelion project. The system has been designed to enhance the main motivation constructed at the start of the project:

“There is progress and accomplishment from IIRS research that contribute to make the world a better place, less self-destructive and more equal and reflective. Nevertheless, to ensure a profound impact and societal acceptance, it is crucial that players working on IIRS join forces to foster the acknowledgment and understanding of IIRS achievements by different actors and citizens.”

By delivering a means of effective, active and interactive communication for SSH projects and by building a large and participatory target audience group who will actively engage with those projects, more relevant stakeholders will engage with and utilise the valuable research results these projects produce in addressing the challenges faced by European society today.





DANDELION