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ROADMAP

euROpean observAtory on Disaster risk and crisis MAnagement best Practices

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D3.3 SOLUTIONS EXPLORER
Functional Specifications

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Review History

Review number	Review date	Notes
1.0	10/01/2022	First version of the document.
2.0	16/03/2022	Revised and updated

Table 1 – Review History

Glossary

Acronym	Description
CI3R	Consorzio Italiano peer la Ricerca sulla Riduzione dei Rischi
JRC	Joint Research Centre
EC	European Commission
DG ECHO	Directorate-General for European Civil Protection and Humanitarian Aid Operations
DRM	Disaster Risk Management
DRMKC	Disaster Risk Management Knowledge Centre
FS	Functional Specifications
FR	Functional Requirement
FP	Functional Process
UC	Use Cases
GUI	Graphical User Interface
SE	Solutions Explorer
GP	Good Practice

Table 2 - Glossary

1 Objectives

In this document are defined the functional requirements of the Solutions Explorer (SE) an open source Web platform that is now available to project partners and stakeholders (JRC), EC (DG ECHO) and can be eventually open to the general public at the end of the project.

2 Overview

The Solutions Explorer (SE) is based on high-level user requirements defined with the ROADMAP partners and members of the ROADMAP Advisory Group and it has been designed to host good practices in Disaster Risk Management available at different governance levels (local, regional, national and international) supporting the activities of ROADMAP project.
Its database can eventually be interoperated with the DRMKC resources (e.g., Gaps Explorer), with easy access to basic data and experiences in the field of DRM starting from available National Risk Assessment.
The SE main structure for organizing the searching and browsing process is based on 3 different main areas where the user can set up searching criteria.
The first area is called “Solutions to” and it is aimed at defining the features of the GPs available in its database in terms of scope and objectives of the required GP. To achieve this result, we have used 3 sub-categories called:

- “In support of EU legal framework”,
- “Targeting the Sendai Framework for DRR”
- “Enhancing the DRM cycle”

The second area is called “Characterized by” and is aimed at defining the features of the required GP. In this area the scales (spatial and temporal) and the risk elements (type and assets) required can be selected.
The third area is called “Solution features” and allows for defining specific features of the solution (GP) in terms of beneficiaries, actors, challenges, and solution type.

In the following sections you can find the functional requirements and the consequent features implemented in the SE that is available at the URL: https://solutionsexplorer-roadmap.ci3r.it/

3 Exceptions

The following items are excluded from the scope of this document:

- Details on interoperability with JRC and other software platforms, both at the application and data level;
- Scheduling of software development and release activities;
- The definition of the technological details for the implementation of the proposed solution.

4 Functional Processes

The functional process as well as all functionalities will be available through the *Solutions Explorer* web application.

4.1 Use and administration of the Solutions Explorer platform

Task	Description

Browsing of the Solutions Explorer Catalogue	Through the Solutions Explorer GUI, all users can retrieve and benefit for free from DRM good practices stored in the platform Catalogue, possibly matching user-defined filter criteria.
Login to the Solutions Explorer platform	Authorized users enter their credentials for accessing the platform and benefit from all available data and functionalities, according to their permissions.
Submission of new DRM good practices to the Solutions Explorer platform	Through the Solutions Explorer GUI, authorized users can submit new DRM good practices to the platform Catalogue.
Manipulating the Solutions Explorer Catalogue content	Through the Solutions Explorer GUI, authorized users can validate new DRM good practices, modify existing ones or delete obsolete ones to ensure stored data consistency and facilitate Catalogue accessibility and maintenance.
Administrating the platform Users Accounts	Through the Solutions Explorer GUI, the platform administrators can configure platform users' credentials and authorizations.

5 Actors

ID	Application role	Description
SE_USER	Generic user of Solutions Explorer web application	User enabled to the functionalities of retrieving and accessing DRM good practices matching the user-defined search criteria. Login NOT required!
SE_SUPER_USER	'Super' user of Solutions Explorer web application	User with the same permissions as the generic user, but with the additional capability to submit new DRM good practices, which will need to be validated later by the platform administrators. Login required!
SE_ADMIN	Administrator of Solutions Explorer web application	User enabled to administrate the platform users' accounts and permissions and to manipulate (Validate / Insert / Modify / Delete) the Catalogue resources. Login required!

Table 3 – Actors

6 Functional Requirements

In this section, the functional requirements concerning the functional processes of Chapter 3 are described. The analysis process will involve only the functional requirements related to the activities performed within the Solutions Explorer platform scope.

6.1 FP.SE.01 – 'Functional Processes of browsing of the Solutions Explorer Catalogue'

Figure 1 shows the 'Home Page' of the *Solutions Explorer* web portal.

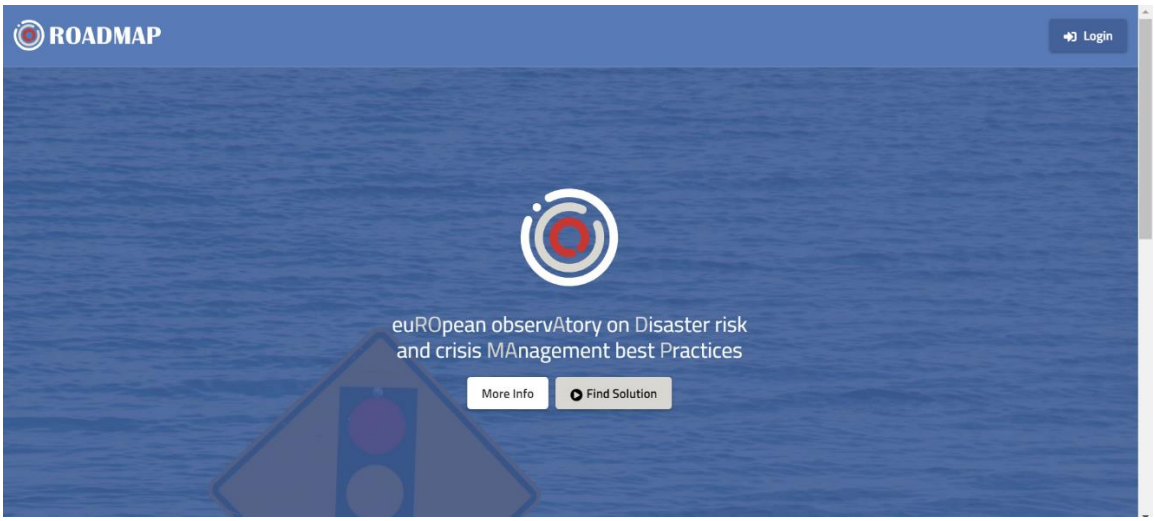


Figure 1. Solutions Explorer 'Home Page'

By clicking on the '*More Info'* button, the user can obtain a brief description of the platform, while by clicking on the '*Find Solution'* button, the user is redirected to the public Catalogue browsing Dashboard (Figures 2-4).
By clicking on the '*Login'* button, instead, the user is redirected to the login form (Figure 8), described in a dedicated functional requirement (6.2).

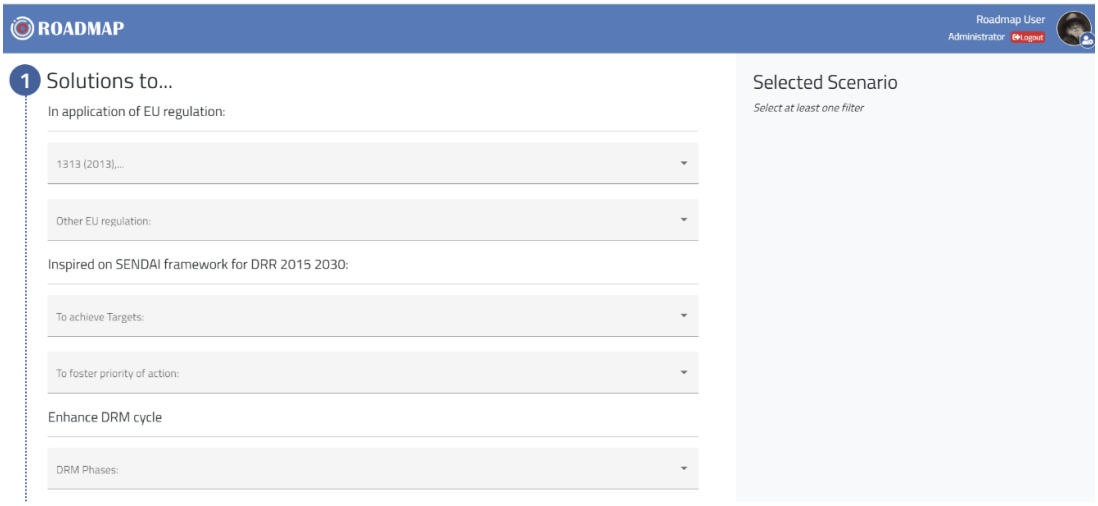


Figure 2. Solutions Explorer Filters *form: 'Solutions to…'*



Figure 3. Solutions Explorer Filters *form: 'Characterized by…'*



Figure 4. Solutions Explorer Filters *form: 'Solutions features…'*

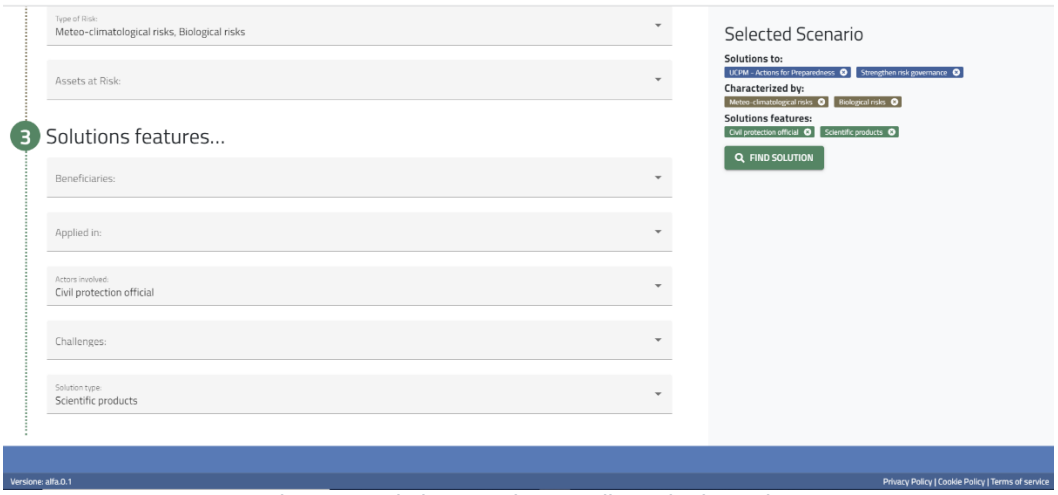


Figure 5. Solutions Explorer – Filter criteria setting

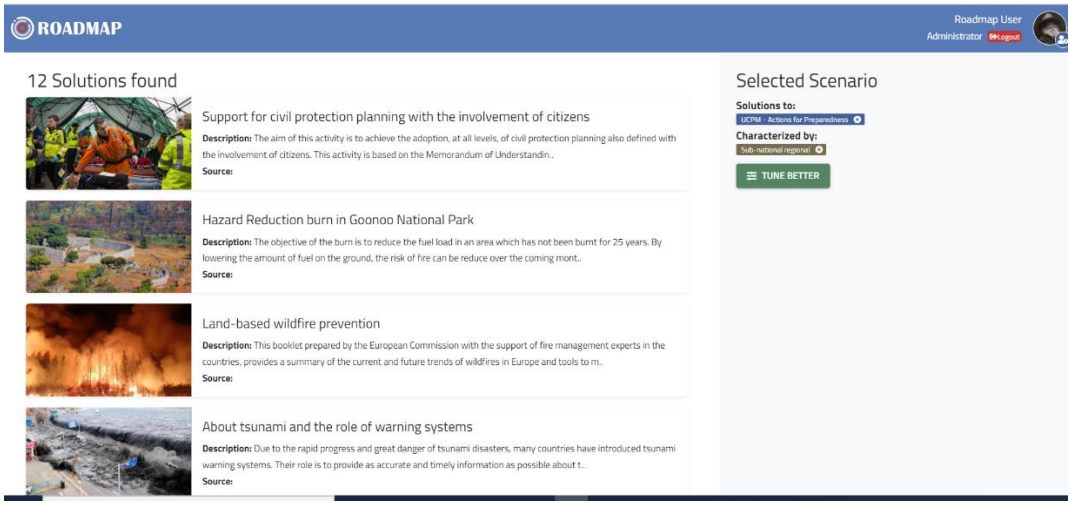


Figure 6. Solutions Explorer 'Results Page'

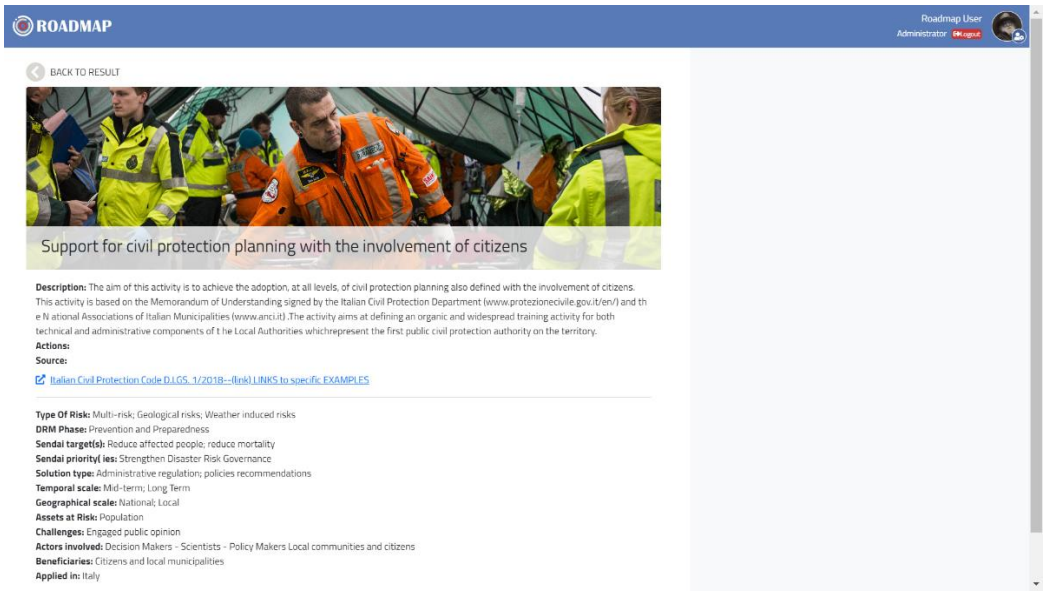


Figure 7. Solutions Explorer 'Good Practice Page'

ID	Name	Description	Note
SE_RF01	Filter criteria setting	The user accesses the *Solutions Explorer* 'Home Page' (Figure 1) and clicks the '*Find Solution*' button. SE displays the main Catalogue browsing Dashboard (Figures 2-4), containing: - On the upper right corner, a 'User Info' panel, which displays, in case of authenticated user, the user name, the application role, an optional profile image and a 'Logout' button. - On the left a 'Filters Criteria' form, allowing users to configure specific filter criteria to retrieve the DRM good practices of interest. The filter options are grouped into 3 main categories: > '*Solutions to*…', containing (from the top): ○ A list-box to select one or more options of application of EU regulation '1313/2013'; ○ A list-box to select one or more options of application of other EU regulations; ○ A list-box to select one or more targets inspired on SENDAI framework for DRR 2015 2030; ○ A list-box to select one or more options to foster priority of action, according to	

		SENDAI framework for DRR 2015 2030 ○ A list-box to select one or more options to Enhance DRM cycle > '*Characterized by…*', containing (from the top): ○ A list-box to set the geographical scale; ○ A list-box to set the time scale; ○ A list-box to select one or more types of risk; ○ A list-box to select one or more assets at risk > '*Solutions features…*', containing (from the top): ○ A list-box to select one or more types of beneficiaries; ○ A list-box to select one or more countries applying the solution; ○ A list-box to select one or more types of actors involved; ○ A list-box to select one or more types of challenges; ○ A list-box to select one or more solution type. - On the right a 'Selected Filters' panel, containing: ○ a list of widgets, each corresponding to a specific filter option currently set. ○ A 'Find Solutions' button: by clicking on it the system loads from the Catalogue the entire set of good practices matching the configured filter criteria and redirect the user to the 'Results Page'. The selection of options in the 'Filter Criteria' form causes the 'Selected Filters' panel to be populated with custom widgets associated with current filter criteria (Figure 5). Each widget has an 'X' (close) button: if clicked, the widget is removed from the list and the corresponding filter option is unselected in the associated list-box.	
SE_RF02	Retrieval of DRM good practices	The user successfully configured a suitable set of filter criteria (*SE*_RF01), optionally starting with a previously saved one.	

		The user clicks on the 'Find Solutions' button: the system loads from the Catalogue the entire set of good practices matching the configured filter criteria and redirect the user to the 'Results Page' (Figure 6), containing:
		- On the left, a list of widgets, each providing a smart preview of a specific DRM good practice matching the set filter criteria; by clicking on it the user is redirected to the 'Sheet Page', displaying all the stored data about the selected good practice;
		- On the right, a panel similar to the 'Selected Filters' panel described above, containing:
		  ○ a list of widgets, each corresponding to a specific filter option currently set.
		  ○ A 'Tune Filter Criteria' button: by clicking on it the user is redirected to the main Dashboard and has the possibility to better tune the filter criteria.	

SE_RF03	Viewing a good practice sheet	The user successfully retrieved from the Catalogue a set of good practices matching the configured filter criteria and has been redirected to the 'Results Page' (*SE_RF02*). The user clicks on the widget related to a good practice of interest and it is redirected to the 'Sheet Page' (Figure 7), containing a non-editable form displaying all the stored data about the selected good practice and a '*Print*' button which allows to obtain a printable format (pdf) of the 'Sheet Page'. If the user has logged in the platform ('Super User' or 'Administrator'), the system displays a tool-bar containing: • '*Edit*' button allowing the user to modify the attributes of the selected good practice; • '*Delete*' button allowing the user to remove from the catalogue the selected good practice. It should be noted that 'Administrators' can modify and actually remove all practices within the catalogue, while 'Super Users' can only modify / delete the good practices they submitted; in case of deletion, a request is sent to the platform administrators. On the right, a panel similar to the 'Selected Filters' panel described above, containing: a list of widgets, each corresponding to a specific filter option currently set.	

6.2 FP.SE.02 – 'Functional Processes of login to the Solutions Explorer platform'

Figure 8 shows the 'Login Form' of the *Solutions Explorer* web portal.

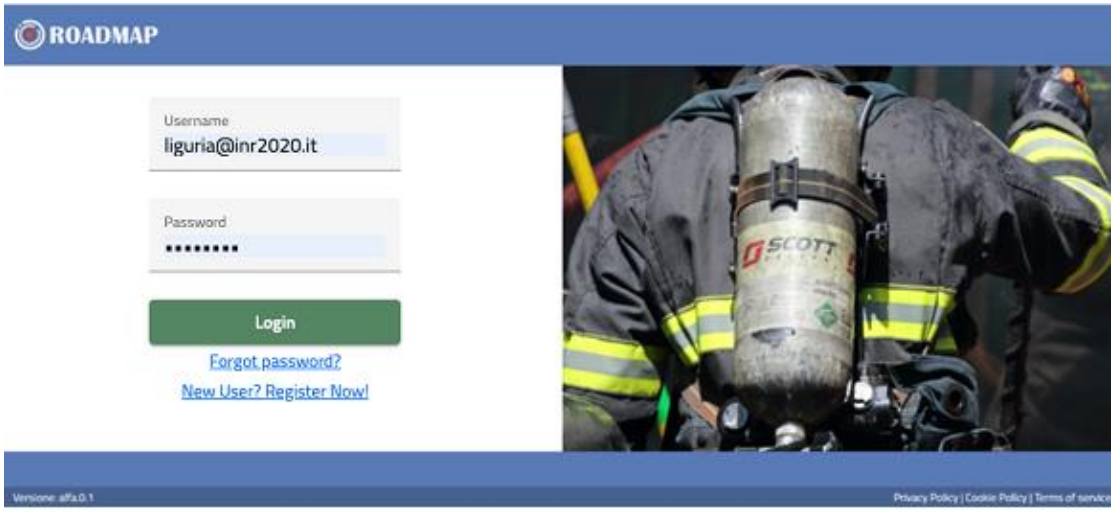


Figure 8. Solutions Explorer Login *form*

Figure 9. Solutions Explorer Registration *form*

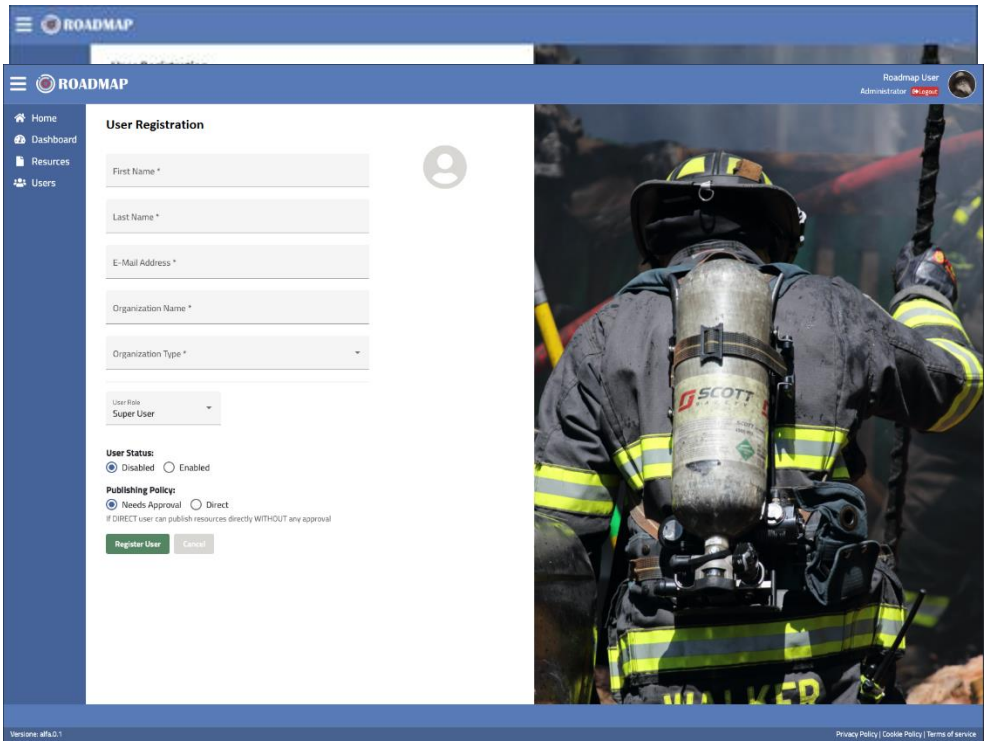


Figure 10. Solutions Explorer User Account Activation *form*

ID	Name	Description	Note
SE_RF04	Log in	A registered user enters his credentials (username and password) and click on the '*Login*' button. If the credentials are correct, the user accesses the *Solutions Explorer* main Dashboard, containing: - On the left, a vertical menu to access the core features available through the platform: o '*Search*': the public dashboard to browse the SE Catalogue (FP.SE.01 – 'Functional Processes of browsing of the Solutions Explorer Catalogue'); o '*Dashboard*': the private dashboard, containing custom widgets based on the user profile, such as notifications from administrators or other platform users (e.g.: notifications related to registration on the portal or the submission of a new good practice); o '*Resources*': to manage and manipulate the information of the DRM good practices stored into the platform Catalogue;	

		○ '*Users*' (**only for SE_ADMIN**): to manage the accounts of the platform users. If the user has forgotten his account credentials, he can obtain new ones by clicking on le link '*Forgot password*'. By clicking on the link '*Register now!'*, instead, users not yet registered are redirected to the registration form (Figure 9) which must be filled in to obtain login credentials.	
SE_RF05	User registration	A not registered user clicks on the '*Register now!*' button. The system displays a registration form containing (Figure 9), from the top: - An input-box to enter the First Name; - An input-box to enter the Last Name; - An input-box to enter the e-mail address; - An 'obscured' input-box to enter the password; - An 'obscured' input-box to repeat the password; - An input-box to enter the name of the user Organization; - A list-box to select Organization type; - A '*Submit*' button to send the registration request to the platform administrators; - A '*Cancel*' button to quit the registration form and return back to the 'Home Page'. The new account will be activated after validation by the platform administrators.	
SE_RF06	User account validation	SE_ADMIN logins the Solutions Explorer and accesses to the Dashboard, where is notified that there are new user account requests pending validation and activation. SE_ADMIN selects a request and the system displays a validation form (Figure 10) containing, from the top: - An input-box to enter the First Name; - An input-box to enter the Last Name; - An input-box to enter the e-mail address; - An input-box to enter the name of the user Organization; - A list-box to select the Organization type; - A list-box to select the user Role ('*Super User / Administrator*'); - An option button list to set the status of the account ('*Enabled / Disabled'*); - An option button list to set the publishing of	

		new practices policy (‘*Needs Approval / Direct*’); - A ‘*Register User*’ button to validate the user account; - A ‘*Cancel*’ button to quit the validation form.	

6.3 FP.SE.03 – ‘Functional Processes of Manipulating the Solutions Explorer Catalogue content’

ID	Name	Description	Note
SE_RF07	Browsing of good practices of competence	The user logins to the *Solutions Explorer* web application, clicks on the link ‘*Resources*’ contained in the menu on the left and accesses to the homonymous section, containing:	
SE_RF08	Modifying a good practice	The user logins to the *Solutions Explorer* web application, clicks on the link ‘*Resources*’ contained in the menu on the left and accesses to the homonymous section. The user selects a DRM practice to be modified, clicks on the corresponding button ‘*Edit*’ and SE displays an editable form containing, from the top: - An input-box to enter the ‘*Name*’; - An input-box to enter the ‘*Description*’; - An input-box to enter the ‘*Source*’; - A list-box to set the ‘*Type of Risk*’; - A list-box to set one or more ‘*DRM Phases*’; - A list-box to set one or more ‘*Sendai Targets*’; - A list-box to set one or more ‘*Sendai Priorities*’; - A list-box to set the ‘*Solution Type*’; - A list-box to set the time scale ‘*Temporal Scale*’; - A list-box to set the time scale ‘*Geographical Scale*’; - A list-box to set one or more ‘*Assets at Risk*’; - A list-box to select one or more ‘*Challenges*’; - An input-box to enter the ‘*Actors Involved*’; - A list-box to select one or more ‘*Beneficiaries*’; - A list-box to set one or more countries where the practice is applied; - ……	

		- A button '*Submit*' to submit the changes; - A button '*Cancel*' to cancel the operation.	
SE_RF09	Deleting a good practice	The user logins to the Solutions Explorer web application, clicks on the link 'Resources' contained in the menu on the left and accesses to the homonymous section. The user selects a DRM practice to be removed and clicks on the corresponding button '*Delete*'. SE displays a read-only form, containing all the relevant information about the selected practice (*SE_RF08*) and, on the bottom, a button '*Delete*' to proceed with the deletion, and a button '*Cancel*' to quit. If the user clicks on the button '*Delete*' SE displays a pop-up to confirm the deletion of the practice. In case of confirm: o SE_ADMIN user: the practice is permanently removed from the Catalogue; o SE_SUPER_USER: a deletion request is sent to the platform Administrators.	
SE_RF10	Confirm of deletion of a good practice	SE_ADMIN logins the Solutions Explorer and is notified that there are pending practices deletion requests. SE_ADMIN selects a request and is redirected to the '*Resources*' section. At this point the functional requirements related to the deletion of a good practice by the user SE_ADMIN (SE_RF09) apply.	
SE_RF11	Submission of a new good practice	The user logins to the *Solutions Explorer* web application, clicks on the link '*Resources*' contained in the menu on the left and accesses to the homonymous section. The user clicks on the button '*New Practice*' and SE displays an editable form containing, from the top: - An input-box to enter the '*Name*'; - An input-box to enter the '*Description*'; - An input-box to enter the '*Source*'; - A list-box to set the '*Type of Risk*'; - A list-box to set one or more '*DRM Phases*'; - A list-box to set one or more '*Sendai Targets*'; - A list-box to set one or more '*Sendai Priorities*'; - A list-box to set the '*Solution Type*'; - A list-box to set the time scale '*Temporal Scale*'; - A list-box to set the time scale '*Geographical Scale*';	

		- A list-box to set one or more '*Assets at Risk*';
		- A list-box to select one or more '*Challenges*';
		- An input-box to enter the '*Actors Involved*';
		- A list-box to select one or more '*Beneficiaries*';
		- A list-box to set one or more countries where the practice is applied;
		- ……
		- A button '*Submit*' to save the new practice:
		  ○ SE_ADMIN user: the practice is directly added to the platform Catalogue;
		  ○ SE_SUPER_USER: an insertion request is forwarded to the platform administrators.
		- A button '*Cancel'* to cancel the operation.	

7 Use Cases

7.1 UC.SE.01 – 'Browsing of the Solutions Explorer Catalogue'

Use-case	UC.SE.01 – '*Browsing of the Solutions Explorer Catalogue*'
Primary Actor	Solutions Explorer user
External Actor	
Goal in context	Retrieve DRM good practices of interest available through the Solutions Explorer Catalogue.
Preconditions	The user accessed the Solutions Explorer platform.
Trigger	The user wants to benefit from DRM good practices available through the Solutions Explorer Catalogue.
Scenario	1. The user has accessed the Solutions Explorer web portal; 2. The system shows the public Dashboard (Figure 2-4); 3. The user sets up a filter criteria configuration by selecting one or more options available through the list-box contained within the 'Filter Criteria' form; 4. The system populates the 'Selected Filters' panel with custom widgets associated with current filter criteria set (Figure 5); 5. The user can remove one or more filters by clicking on the 'X' (close) button contained within the associated widget; 6. The user starts the search by clicking on the '*Find Solutions*' button; 7. The system loads from the platform Catalogue the entire set of good practices matching the configured filter criteria and redirect the user to the 'Results Page' (Figure 6); 8. The user can better tune the filter criteria by clicking on the 'Tune Filter Criteria'; in this case it is redirected to the Dashboard and has the possibility to better tune the filter criteria; 9. The user can click on the widget associated with a DRM good practice; in this case it is redirected to the 'Sheet Page', displaying all the stored data about the selected item (Figure 7).
Postconditions	The user retrieved from the *Solutions Explorer* Catalogue a set of DRM good practices matching configured filter criteria.
Exceptions	none
Open issue	none
Priority	high
When available	V1.0

Frequency of use	Unknown

7.2 UC.SE.02 – 'Visualization of a DRM practice sheet'

Use-case	UC.SE.02 – '*Visualization of a DRM practice sheet*'
Primary Actor	Solutions Explorer user
External Actor	
Goal in context	Consult a DRM good practice of interest available through the Solutions Explorer Catalogue.
Preconditions	The user accessed the Solutions Explorer platform and retrieved a list of DRM good practices matching a set of filter criteria configured through the main browsing Dashboard.
Trigger	The user wants to benefit from DRM good practices available through the Solutions Explorer Catalogue.
Scenario	1. The user has accessed the Solutions Explorer web portal; 2. The user retrieved a list of DRM good practices matching a set of filter criteria configured through the main browsing Dashboard and has been redirected to the 'Results Page' (Figure 6); 3. The system displays a list of custom widgets related to good practices loaded from the platform Catalogue; 4. The user clicks on the widget associated with a good practice of interest and is redirected to the 'Sheet Page', containing a non-editable form displaying all the stored data about the selected item (Figure 7); 5. By clicking on the button '*Print*', the user obtains a printable format (pdf) of the 'Sheet Page'.
Postconditions	The user accessed a DRM good practice of interest retrieved from the *Solutions Explorer* Catalogue.
Exceptions	none
Open issue	none
Priority	high
When available	V1.0
Frequency of use	Unknown

7.3 UC.SE.03 – 'Login to the Solutions Explorer platform'

Use-case	UC.SE.03 – '*Login to the Solutions Explorer platform*'
Primary Actor	Solutions Explorer user
External Actor	
Goal in context	Access the Solutions Explorer platform and benefit from functionalities and data available through it.
Preconditions	The user received the private account credentials from the platform administrators.
Trigger	The user wants to benefit from functionalities and data available through the Solutions Explorer platform.
Scenario	1. The user enters the Solutions Explorer URL in a web browser window; 2. The system shows the web application home page (Figure 1); 3. The user clicks on the 'Login' button and is redirected to the login form (Figure 8); 4. The user enters username and password and clicks on the button '*Login*'; If the credentials are correct, he is redirected to the *Solutions Explorer* main Dashboard. 5. If the user has forgotten his account credentials, he can obtain new ones by clicking on le link '*Forgot password*' (UC.SE.04 – 'Recovery of user account password'). 6. If the user is not yet registered, he can request his private account credentials by clicking on the link 'Register now!' and filling in a registration form (UC.SE.05 – 'Registration of a new platform user'). The registration request needs validation by the platform administrators (UC.SE.06 – 'Validation of the user's registration request').
Postconditions	If the user has successfully logged in the *Solutions Explorer* portal, he can benefit from functionalities and data available through it, based on his account permissions. If the user has forgotten the account credentials, he can get new ones. New users can register to the platform and obtain their private credentials.
Exceptions	none
Open issue	Password recovery and regeneration
Priority	high
When available	V1.0
Frequency of use	Unknown

7.4 UC.SE.04 – 'Recovery of user account password'

Use-case	UC.SE.04 – '*Recovery of user account password*'
Primary Actor	Solutions Explorer user
External Actor	
Goal in context	Access the Solutions Explorer platform and benefit from functionalities and data available through it.
Preconditions	The user received the private account credentials from the platform administrators.
Trigger	The user wants to benefit from functionalities and data available through the Solutions Explorer platform.
Scenario	1. The user enters the Solutions Explorer URL in a web browser window; 2. The system shows the web application home page (Figure 1); 3. The user clicks on the 'Login' button and is redirected to the login form (Figure 8); 4. The user enters username and password and clicks on the button '*Login*'; If the credentials are correct, he is redirected to the *Solutions Explorer* main Dashboard. 5. If the user has forgotten his account credentials, he can obtain new ones by clicking on le link '*Forgot password*' (reference UC!!!). 6. If the user is not yet registered, he can request his private account credentials by clicking on the link '*Register now!'* and filling in a registration form (Figure 9). The registration request needs validation by the platform administrators.
Postconditions	The user has accessed to the *Solutions Explorer* web portal and can benefit from functionalities and data available through it, based on his account permissions.
Exceptions	none
Open issue	Password recovery and regeneration
Priority	high
When available	V2.0
Frequency of use	Unknown

7.5 UC.SE.05 – 'Registration of a new platform user'

Use-case	UC.SE.05 – '*Registration of a new platform user*'
Primary Actor	Solutions Explorer user
External Actor	

Goal in context	Access the Solutions Explorer platform and benefit from functionalities and data available through it.
Preconditions	The user is not yet registered on the platform
Trigger	The user wants to benefit from functionalities and data available through the Solutions Explorer platform.
Scenario	1. The user enters the Solutions Explorer URL in a web browser window; 2. The system shows the web application home page (Figure 1); 3. The user clicks on the 'Login' button and is redirected to the login form (Figure 8); 4. The user clicks on the link '*Register now!*'; 5. The system displays a registration form (Figure 9); 6. The user fills in all the required information: ○ The first name; ○ The last name; ○ An e-mail address; ○ A Password; ○ Repeat the password; ○ The name of the Organization he belongs to; ○ The Organization type; 7. By clicking on the button '*Submit*' the registration request is sent to platform Administrators pending validation and activation; 8. By clicking on the button '*Cancel*' the registration request is canceled and the user is redirected to the 'Home Page'.
Postconditions	The user has submitted a registration request to the platform administrators pending validation and activation. The platform administrators will be notified the pending request.
Exceptions	none
Open issue	none
Priority	high
When available	V1.0
Frequency of use	Unknown

7.6 UC.SE.06 – 'Validation of the user's registration request'

Use-case	UC.SE.06 – '*Validation of the user's registration request*'
Primary Actor	SE_ADMIN
External Actor	

Goal in context	Complete and validate a registration request from a platform user.
Preconditions	A platform user submitted a registration request to the platform administrators pending validation and activation. The platform administrators have been notified the pending request.
Trigger	SE_ADMIN wants to validate and activate a new user account.
Scenario	1. SE_ADMIN logged in the *Solutions Explorer* web portal; 2. The system displays the *Solutions Explorer* main Dashboard; 3. SE_ADMIN is notified that there are pending registration requests; 4. SE_ADMIN selects a request and the system displays a validation form (Figure 10); 5. SE_ADMIN checks the information entered by the user; 6. SE_ADMIN sets the status of the account ('*Enabled / Disabled*'); 7. SE_ADMIN sets the publishing policy of new practices ('*Needs Approval / Direct*'); 8. An option button list to set the publishing policy of new practices (to state if approval by platform administrators is required); 9. If the registration request passes the validation checks, SE_ADMIN activate the account by clicking on the button '*Register User'* 10. By clicking on the button '*Cancel*' SE_ADMIN quits the validation process.
Postconditions	Validated account is now active allowing user to benefit from functionalities and data available through the *Solutions Explorer* platform, based on the account permissions.
Exceptions	none
Open issue	Registration request rejected
Priority	Unknown
When available	V1.0
Frequency of use	Unknown

Use-case	UC.SE.07 – '*Browsing of DRM good practices of competence*'
Primary Actor	SE_SUPER_USER / SE_ADMIN
External Actor	
Goal in context	Consulting the DRM good practice of competence.
Preconditions	The user is a SE_ADMIN or a SE_SUPER_USER who submitted a set of good practice previously.

Trigger	The user wants to consult the DRM good practice of competence.
Scenario	1. The user logs in the *Solutions Explorer* web portal; 2. The user clicks on the link '*Resources*' contained in the menu on the left; 3. SE displays the homonymous section;
Postconditions	none
Exceptions	none
Open issue	none
Priority	high
When available	V1.0
Frequency of use	Unknown

7.7 UC.SE.07 – 'Browsing of DRM good practices of competence'

7.8 UC.SE.08 – 'Modifying the data of a stored DRM good practice'

Use-case	UC.SE.08 – '*Modifying the data of a stored DRM good practice*'
Primary Actor	SE_SUPER_USER / SE_ADMIN
External Actor	
Goal in context	Modifying the data of a stored DRM good practice.
Preconditions	The user is a SE_ADMIN or a SE_SUPER_USER who submitted the good practice previously.
Trigger	The user wants to modify some data of the good practice.
Scenario	1. The user logs in the *Solutions Explorer* web portal; 2. The user clicks on the link '*Resources*' contained in the menu on the left; 3. SE displays the homonymous section; 4. The user retrieves the good practice to be modified; 5. The user clicks on the corresponding button '*Edit'*; 6. SE displays an editable form containing all the relevant information of the good practice; 7. The user changes some attributes and then clicks on the button '*Submit'*; 8. SE notifies the user of the result of the operation (*SUCCESS / ERROR*).
Postconditions	The good practice has been modified.
Exceptions	none

Open issue	none
Priority	high
When available	V1.0
Frequency of use	Unknown

7.9 UC.SE.09 – 'Deleting a stored DRM good practice'

Use-case	UC.SE.09 – '*Deleting a stored DRM good practice*'
Primary Actor	SE_SUPER_USER / SE_ADMIN
External Actor	
Goal in context	Deleting a stored DRM good practice.
Preconditions	The user is a SE_ADMIN or a SE_SUPER_USER who submitted the good practice previously.
Trigger	The user wants to remove the good practice from the SE Catalogue.
Scenario	1. The user logs in the *Solutions Explorer* web portal; 2. The user clicks on the link '*Resources*' contained in the menu on the left; 3. SE displays the homonymous section; 4. The user retrieves the good practice to be removed; 5. The user clicks on the corresponding button '*Delete*'; 6. SE displays a read-only form containing all the relevant information of the good practice; 7. The user clicks on the button '*Delete'*; 8. SE displays a pop-up to confirm the deletion of the practice. 9. In case of confirm: o The user is SE_ADMIN: the practice is permanently removed from the Catalogue; o The user is SE_SUPER_USER: a deletion request is sent to the platform Administrators.
Postconditions	The good practice has been removed from the platform catalogue (SE_ADMIN) or a deletion request has been sent to the platform administrators (SE_SUPER_USER).
Exceptions	none
Open issue	none
Priority	high
When available	V1.0
Frequency of use	Unknown

7.10 UC.SE.10 – 'Confirm of deletion of a good practice'

Use-case	UC.SE.10 – '*Confirm of deletion of a good practice*'
Primary Actor	SE_ADMIN
External Actor	
Goal in context	Confirm the deletion of a stored DRM good practice.
Preconditions	A SE_SUPER_USER sent a request to delete a good practice he submitted previously.
Trigger	SE_ADMIN has to confirm the deletion of a pending good practice.
Scenario	1. SE_ADMIN logs in the *Solutions Explorer* web portal and is notified that there are pending practices deletion requests; 2. SE_ADMIN selects a request and is redirected to the '*Resources*' section. 3. At this point the use case related to the deletion of a good practice by the user SE_ADMIN (UC.SE.09 – 'Deleting a stored DRM good practice'9) applies.
Postconditions	The good practice has been permanently removed from the platform catalogue.
Exceptions	none
Open issue	none
Priority	high
When available	V1.0
Frequency of use	Unknown

7.11 UC.SE.11 – 'Adding a new DRM good practice'

Use-case	UC.SE.11 – '*Adding a new DRM good practice*'
Primary Actor	SE_SUPER_USER / SE_ADMIN
External Actor	
Goal in context	Adding a new DRM good practice to the platform Catalogue.
Preconditions	To be defined

Trigger	The user wants to add a new good practice to the SE Catalogue.
Scenario	1. The user logs in the *Solutions Explorer* web portal; 2. The user clicks on the link '*Resources*' contained in the menu on the left; 3. SE displays the homonymous section; 4. The user clicks on the button 'New Practice' (??); 5. SE displays an editable form containing all the relevant information of the good practice; 6. The user fills in the required data and then clicks on the button '*Submit*': ○ The user is SE_ADMIN: the practice is directly added to the Catalogue; ○ The user is SE_SUPER_USER: an insertion request is sent to the platform Administrators 7. SE notifies the user of the result of the operation (*SUCCESS / ERROR*).
Postconditions	The new good practice is now available through the platform catalogue (SE_ADMIN) or an insertion request has been sent to the platform administrators (SE_SUPER_USER).
Exceptions	none
Open issue	Definition of Workflow of practices added by SE_SUPER_USER
Priority	high
When available	V1.0
Frequency of use	Unknown