

Exchangeable Content Types EIP-W

Definitions

The following section gives an overview over all content types of the system (also available as online forms for users and / or as editable CMS forms for MP editors).

Every content type is described with:

- Title of content type
- Area for what this content type is used for
- Title of form field (also given for user forms and user views!!)
- DB type - type of the database field as well as form field
 - Drop Down (radio button): selection of 1 item of a given list
 - Text field: 1 single line of text
 - Text box: small text box for more lines of text
 - Editor: full text editor incl. ability to insert pictures and links and manage formatting
 - Email: email field that only allows valid email addresses
 - URL: text field that allows only valid links / URLs
 - Upload: possibility to upload one or more documents
 - Image Upload: possibility to upload an image (and crop this image) to be placed in a content item
 - Check box / Multi Select: possibility to select 1 or more items by clicking a / some check box(es)
 - Cross reference: link to another content item that is available in the system (e.g. to a document or to a news article etc) - selections of available content given to the user in this form field
 - Auto: pre-filled or limited by system
 - Date: DD:MM:YYYY
- Mandatory Y/N - describes if this field is mandatory for users / editors to be filled in to be able to save the information item (otherwise an error message appears that tells the user that the respective field needs to be filled in to be able to save)
- Visibility Y/N/S - describes, if the field is visible for users (while S stands for a specific visibility described in the comments)
- Other remarks: information about cross references to other content types, remarks in instances of data (e.g. drop down with organisation types et al)

Content Types

Title of content type: Basic / Additional					
Area for what this content type is used for: ALL Content Types					
Form Field	DB Type	Taxonomy / Source	Mandatory (Y/N)	Visibility (Y/N/S)	Other Remarks
Tags	Check box / Multi Select	EIP-W thesaurus	Y	S	
Author Information	Auto	CMS	Y	S	
Date information	Date	pre-filled by system	Y	S	
Publishing Options	Check box / Multi Select	<ul style="list-style-type: none"> • Publish immediately or specify a publishing date • Push to frontpage 	N	N	
Copyright	Text field		N	N	

Meta Tags	Text box		N	N	<ul style="list-style-type: none"> • Page title: The text to display in the title bar of a visitor's web browser when they view this page. This meta tag may also be used as the title of the page when a visitor bookmarks or favorites this page. • Description: A brief and concise summary of the page's content, preferably 150 characters or less. The description meta tag may be used by search engines to display a snippet about the page in search results. • Abstract: A brief and concise summary of the page's content, preferably 150 characters or less. The abstract meta tag may be used by search engines for archiving purposes. • Keywords
Revision Information	Text box		N	N	

Title of content type: **Working Groups**

Area for what this content type is used for: **Working Groups basic profile information**

Form Field	DB Type	Taxonomy / Source	Mandatory (Y/N)	Visibility (Y/N/S)	Other Remarks
Title	Text Field		Y	Y	limited to 50 characters (user should be informed about this limit)
Summary	Editor		Y	Y	also used for short info in WG listings
Description	Editor		Y	Y	
WG Documents	Upload		N	Y	multiple, n uploads possible <u>Plus the following features (for WG document spaces):</u> <ul style="list-style-type: none"> • Title of document • Date of Upload • Short description of Document • Show in public profile (Y/N) - NO by default (only available for WG admins) • File size (automatically by the system) • File Type (automatically by the system)
Start Date	Date		Y	Y	
End Date	Date		N	Y	
WG Status	drop down (radio buttons)	WG Status	Y	Y	Taxonomy 'WG Status' (ongoing, closed, ...)
Lead of WG	Cross reference user(s)		Y	Y	Lead of a WGs (a representative)
WG Admins	Cross reference user(s)		Y	Y	Administrators of a WG with special rights granted in WG
Members	Cross reference to users		Y	Y	Managed automatically when people join the working group
WG news	Cross reference showroom / blog post		N	N	enables the wg to create blog posts that are shown in the wg space and can be pushed to MP startpage (see remark below)
Type of WG	drop down	WG Type	Y	Y	Controls the type of a WG via Taxonomy 'WG Type' (Action Group, Expert Group, Other WG)
Topic	Multiselect (check box) from taxonomy = Water Thesaurus (only top concepts)	EIP-W thesaurus	Y	Y	taxonomy = Water Thesaurus

Priority	Multiselect (check box) from taxonomy = Priority Areas (only top 8 concepts)	Priority Areas	Y	Y	taxonomy = Priority Areas
----------	--	----------------	---	---	---------------------------

Title of content type: User Profile					
Area for what this content type is used for: User Profile					
Form Field	DB Type	Taxonomy / Source	Mandatory (Y/N)		Other Remarks
Title*	Drop Down (radio button)		N	Y	Mr., Mrs., Ms., Dr. Prof
Surname*	Text Field		Y	Y	
First Name*	Text Field		Y	Y	
User Name*	Text Field		Y	Y	
Password*	PWD field		Y	Y	
Password Check*	PWD field		Y	Y	
Email*	Email		Y	Y	
Phone	Text Field		N	Y	
Postal Code	Integer		N	Y	
City	Text Field		N	Y	
Province	Text Field		N	Y	
Country	Drop Down	Geonames	Y	Y	Taxonomy: regions - countries (PP:countries)
CV	Editor		Y	Y	<i>Remark: Used for creation of semantic footprint</i> <i>Remark: possibilities for import will be evaluated</i>
Organisation	Cross Reference to organisation form		N	Y	<i>Remark: Only 1 organisation / user possible</i>
Position			N	Y	
Profile Portrait Picture*	Image Upload		N	Y	
Social Media - twitter	URL		N	Y	
Social Media - LinkedIn	URL		N	Y	
Industry Sector	Drop Down (radio button)	Industry Sector	Y	Y	Water, Energy, Finance, IT, ...
Value Chain Position	Slider on instances		Y	Y	Taxonomie 'Innovation Value Chain': R&D, ...
Newsletter (Y/N)*	Check Box (Yes/No)		Y	Y	set YES per default
Fields of Expertise Semantic Footprint (=topics)	Extraction from CV = edit-able terms		Y	Y	Taxonomy: Water Thesaurus
Fields of Interest Semantic Footprint (=topics)	edit-able terms		Y	Y	Taxonomy: Water Thesaurus
Cross Reference Products & Services			N	Y	Possibility to add n products & services
Cross References Projects			N	Y	Possibility to add n products

* marked fields are also fields that are given for registration

Title of content type: Projects					
Area for what this content type is used for: Projects are linked to user profiles - multiple entries per user profile possible!					

Form Field	DB Type	Taxonomy / Source	Mandatory (Y/N)	Visibility (Y/N/S)	Other Remarks
Title	Text Field		Y	Y	
Description	Editor		Y	Y	<i>Remark: Used for creation of semantic footprint</i>
Documents	Upload		N	Y	multiple, n uploads possible
Position in Value Chain	Check Box	Innovation Value Chain	Y	Y	
Semantic Footprint (=topics)		Water Thesaurus (extracted from product / service description), edit-able	Y	Y	
Industry Sector	Drop Down (radio button)	'Industry Sector'	Y	Y	
Region of project implementation	Check Box	Regions - countries (PP:countries)	Y	Y	

Title of content type: Organisation					
Area for what this content type is used for: Organisation as linked to user profiles - only 1 organisation per user possible!					
Form Field	DB Type	Mandatory (Y/N)	Visibility (Y/N/S)	Other Remarks	
Title	Text Field	Y	Y		
Organisation Description	Editor	Y	Y	<i>Remark: Used for creation of semantic footprint</i>	
Size	Drop Down (radio button)	N	Y	0-10, 11-100, 101-500, 500-2000, +2000 <i>Remark: needs to be checked if SME specification harmonised</i>	
Organisation Type	Drop Down Taxonomy 'Organisation Type'	Y	Y		
Documents	Upload	N	Y	multiple, n uploads possible	
Website	URL	N	Y		
Semantic Footprint (=topics)		Y	Y	Taxonomy: Water Thesaurus (extracted from organisation description), NOT edit-able	

Taxonomies

Taxonomies are meta data items that can be managed centrally and then can be used for e.g. drop downs in forms of content management or registration mechanisms as well as for filtering mechanisms in several areas. Taxonomies can be managed in hierarchies.

- WG Status
 - being planned
 - in progress / ongoing
 - closed
 - WG Type
 - Action Group
 - Expert Group
 - Task Force
 - Steering Group
 - Secretariat
 - Other WG
 - Industry Sector
-

CODE	NACE	SIMPLIFIED
I	Accommodation and food service activities	Tourism and food service
U	Activities of extraterritorial organisations and bodies	Extraterritorial organisations
T	Activities of households as employers; undifferentiated goods - and services - producing activities of households for own use	Private households
N	Administrative and support service activities	Renting goods / leasing personnel
B	Mining and quarrying	Mining
M	Professional, scientific and technical activities	Offer of specialized services
Q	Human health and social work activities	Health and social work
D	Electricity, gas, steam and air conditioning supply	Supply of electricity, gas and steam
K	Financial and insurance activities	Finance and insurance
O	Public administration and defence; compulsory social security	Public administration
E	Water supply; sewerage; waste management and remediation activities	Water supply, sewerage and waste management
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	Wholesale and retail trade
A	Agriculture, forestry and fishing	
R	Arts, entertainment and recreation	
F	Construction	
P	Education	
J	Information and communication	
C	Manufacturing	
S	Other services activities	
H	Transporting and storage	

- Innovation Value Chain

1	2	3	4	5	6	7	8	9	10
Researcher		Inventor		Developer		Marketer		Distributor	
RESEARCH		CREATION		DESIGN		COMMERCIALIZATION		PRODUCE	
scientific research basic research		service idea product idea project idea improvement		concept specification development re-design existing		business development market development product definition service definition communication		mass production trade	
<<< ----- RESEARCH ----- EXPLOITATION -----									

- Organisation Type

- enterprise
- SME
- NGO
- NPO
- GOV
- University

- Water Thesaurus (whole imported thesaurus structured in hierarchies starting with concepts schemes, top concepts, ...)

- <http://www.eip-water.eu/glossary>

- Countries (all countries of the world - structures also along continents) = Taxonomy: regions - countries (PP:countries = NUTS Countries Thesaurus)
- Priority Areas
 1. Water reuse and recycling
 2. Water and wastewater treatment, including recovery of resources
 3. Water-energy nexus
 4. Flood and drought risk management
 5. Ecosystem services
 6. Water governance
 7. Decision support systems and monitoring
 8. Financing for innovation
 9. Smart technologies