

WIDEST- Dataset Explanation

This document explains the structure of the collected information in WIDEST project. The first dataset is populated with documents referent to water management R&D. It's structured as follows:

- **Title:** Title of the document
- **Type:** Type of the document, among the types there are: Book, Book Chapter, Conference Paper, Deliverable (EC Project Public Deliverables), Journal Paper
- **Tags¹:** A list of tags
- **Thematic Areas²:** The thematic areas of the document
- **Year:** Publication year of the document
- **Open Access:** Specifies whether it can be accessed freely

Example:

Variable	Type	Example
Title	String	Title1
Type	String	Type1
Tag	List of Strings	Tag1, Tag2, Tag3
Thematic Areas	List of String	Them_area1, Them_area2
Year	Unsigned Integer	2015
Open Access	Boolean	Yes
Abstract	String	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
URL	String	http://www.example.com/ .

A second dataset contains the entities identified in Water Community. This dataset is structured as follows:

- **Entity:** Name of the entity
- **Type:** Type of the entity, among the types there are: Water Technology Company, Water Utility, User Representatives, Industry with large water consumption, Regulator, Municipality, Water Action Group and Other.
- **Technologies trends/tag:** A list of the trends and tags
- **Thematic Areas:** A list of the thematic areas associated with the entity

Example:

Variable	Type	Example
Entity	String	Entity1
Type	String	Type1
Tag	List of Strings	Tag1, Tag2, Tag3
Thematic Area	List of Strings	Them_area1, Them_area2

Tags try to classify the different technologies within the ICT for Water. In a certain sense, Tags identify “*by means of which technology*” the improvements are driven. Thematic Areas will set in “*which water field*” those improvements will contribute.

A third dataset contains the commercial developments involved. This dataset is structured as follows:

- **Commercial development:** Name of the commercial development
- **Entity:** Name of the entity
- **Technologies trends/tag:** A list trends and tags
- **Thematic Areas:** A list of the thematic areas.
- **Implementation References:** Some existing references (in case there exist) regarding the usage of the commercial development.
- **Links:** Any link with information related.
- **Date:** Release date of last existing version.

Example:

Variable	Type	Example
Commercial development	String	Development1
Partner	String	Partner1
Technologies trends/tag	List of Strings	Tag1, Tag2, Tag3
Thematic Areas	List of Strings	Them_area1, Them_area2
Implementation References	List of Strings	Reference1, Reference2
Links	List of URLs	http://www.example1.com/. , http://www.example2.com/.
Date	Date	01-01-2016