

Conceptual approaches for development of national water information system



Cases of water information system

[Water statistics \(Statistics Agency of Slovenia\)](#)

NOT an indicator, but time series of derived data

[Water GIS \(Environment Agency of Slovenia\)](#)

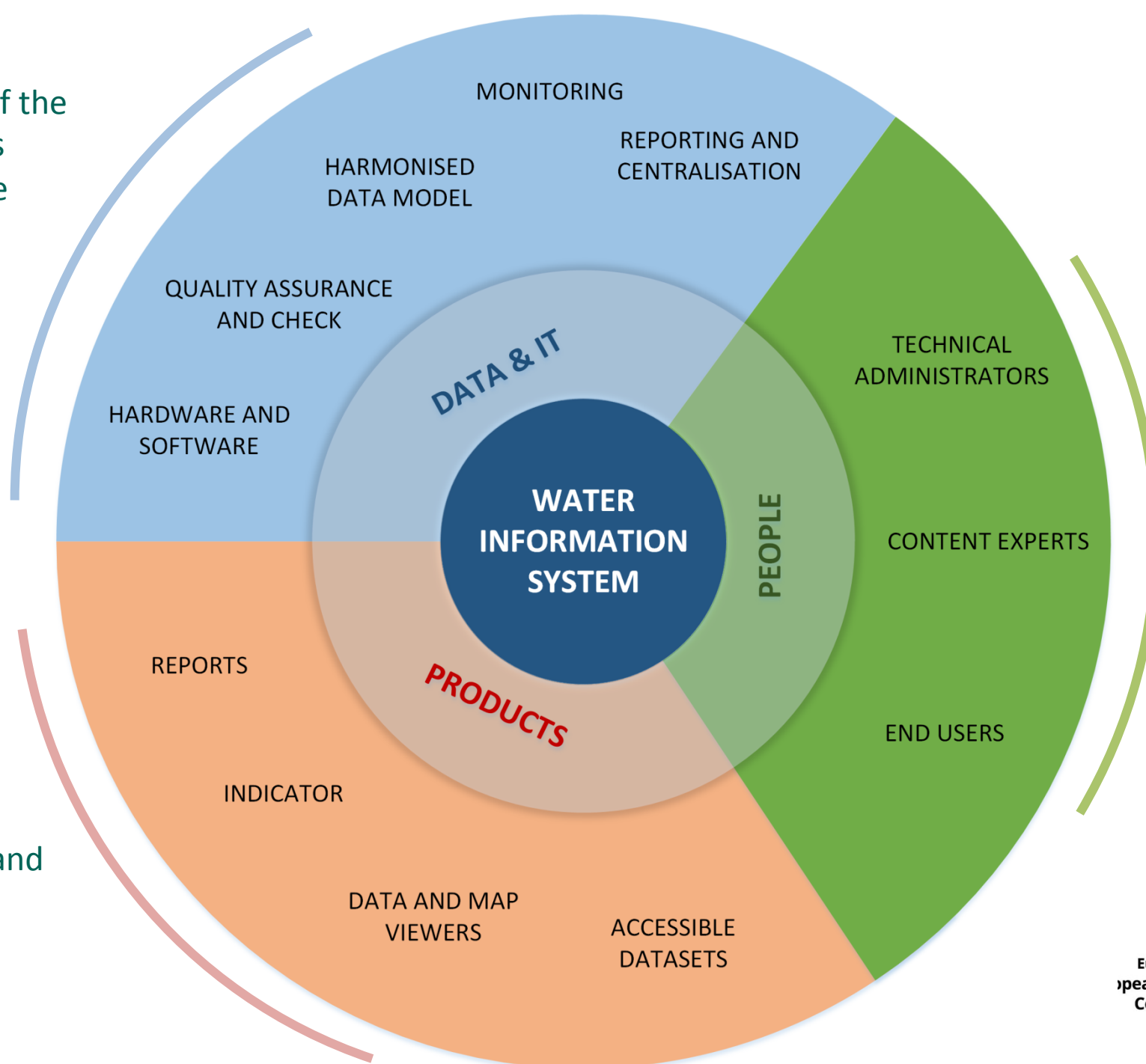
Spatial dimension to represent indicator data.

[Water Indicator \(Environment Agency of Slovenia\)](#)

An indicator with dataset, interpretation and representation, methodology and auxiliary data.



Digital element of the system. The basis which we provide and handle.



We. The people who establish, maintain and use the system.

What we can use and what we work for.

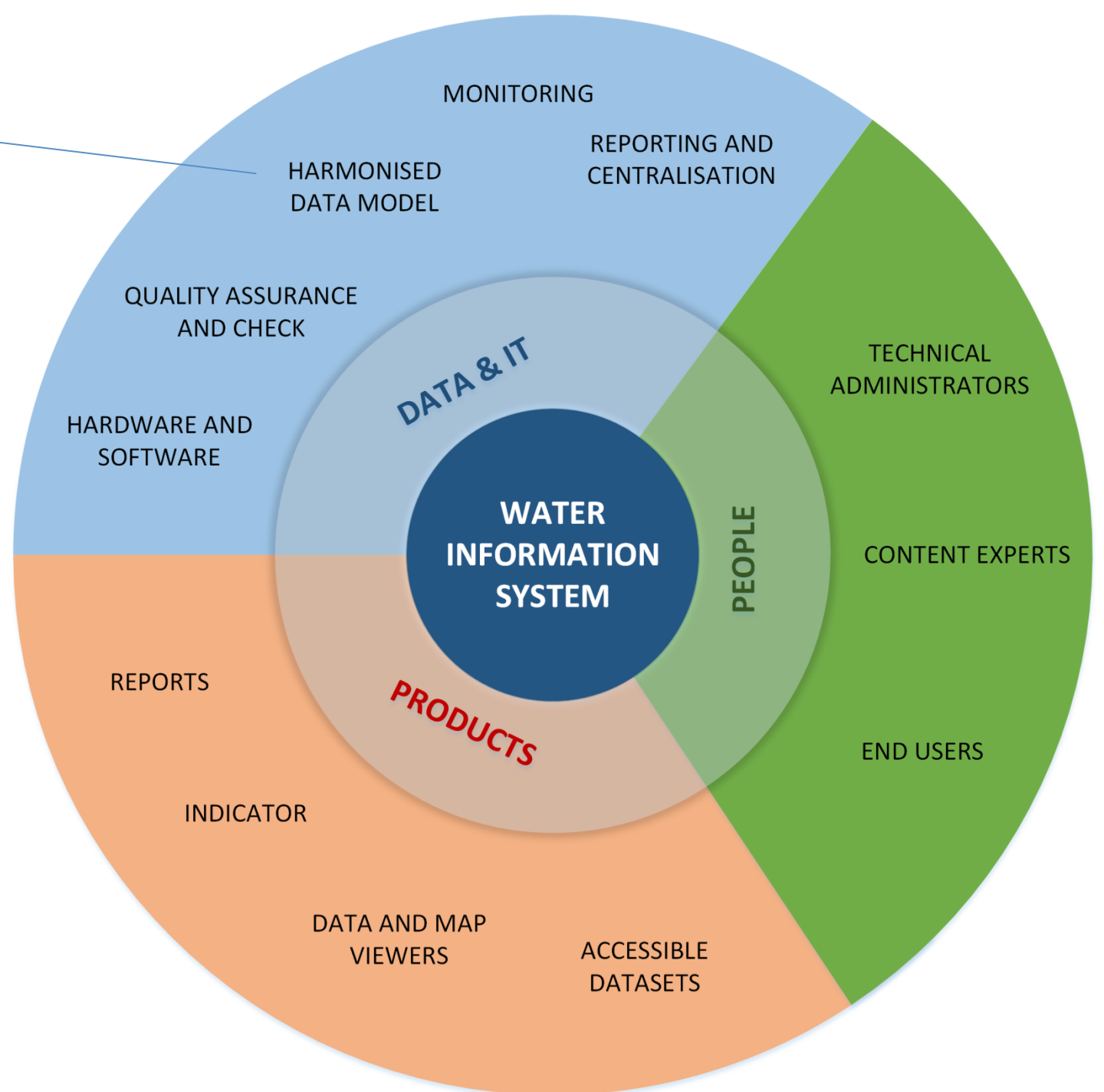


Data model (Data Dictionary)

General instructions for reporting; data model; list and structure of tables; relations between tables; specification and description of fields; enumeration of lists (codelists, vocabularies)

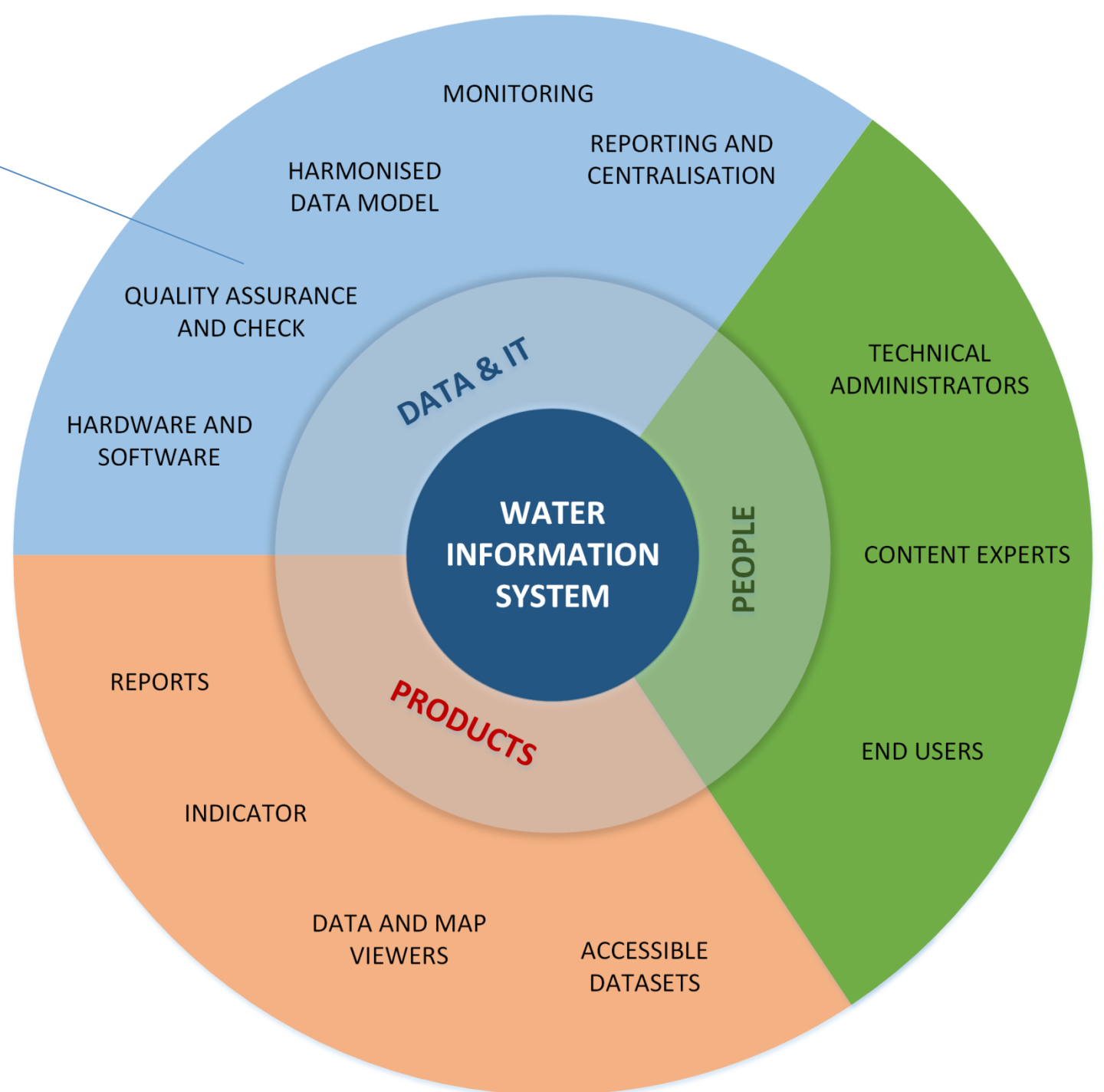
Field name	Field type	Size	Description
monitoringSiteIdentifier	string, quantitative	3-50	Unique international identifier of the monitoring site in which the data were obtained.

<http://dd.eionet.europa.eu/datasets/3163>



Quality assurance and check

Practice shows huge issues in data use when data are not put in order at early stage.



Dataflow process: case of Water Information System for EU

