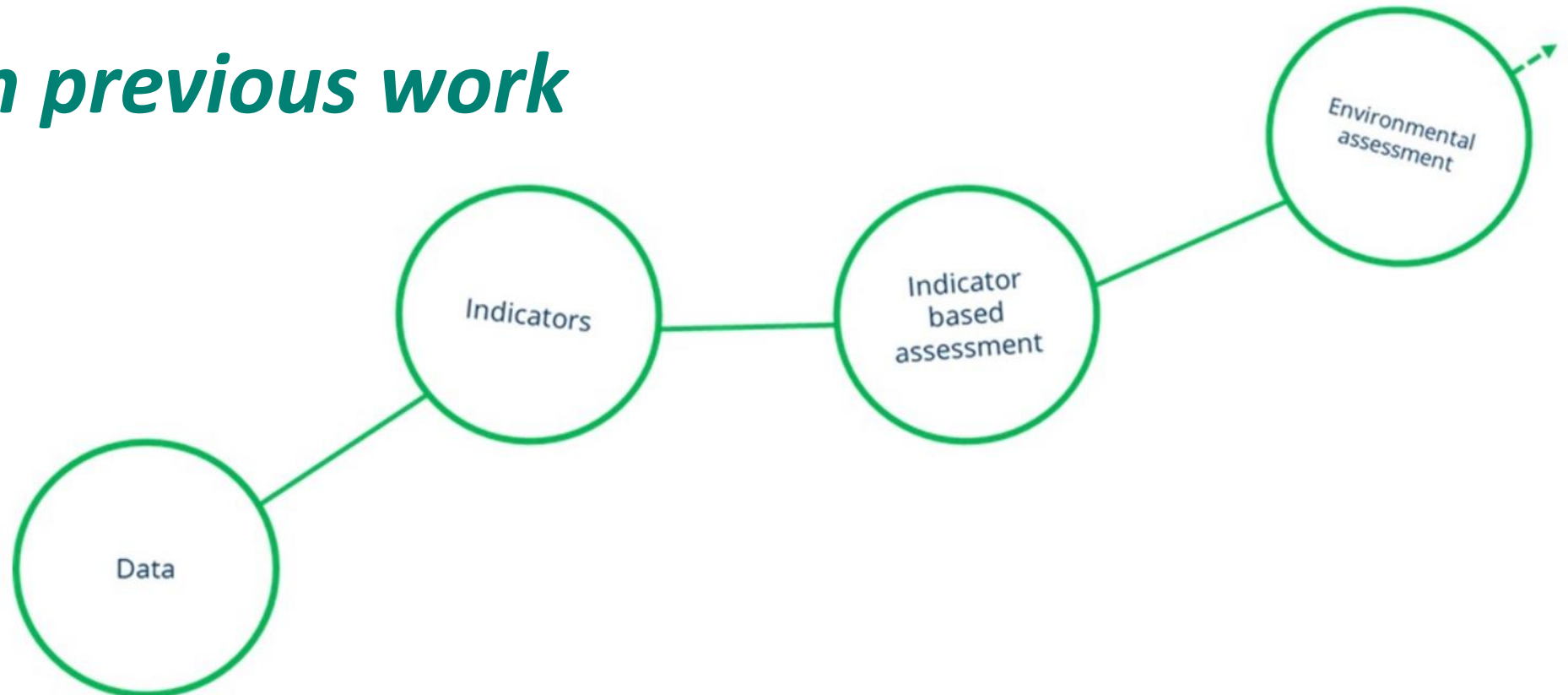


# WATER indicators

## *Building on previous work*

### Session 2

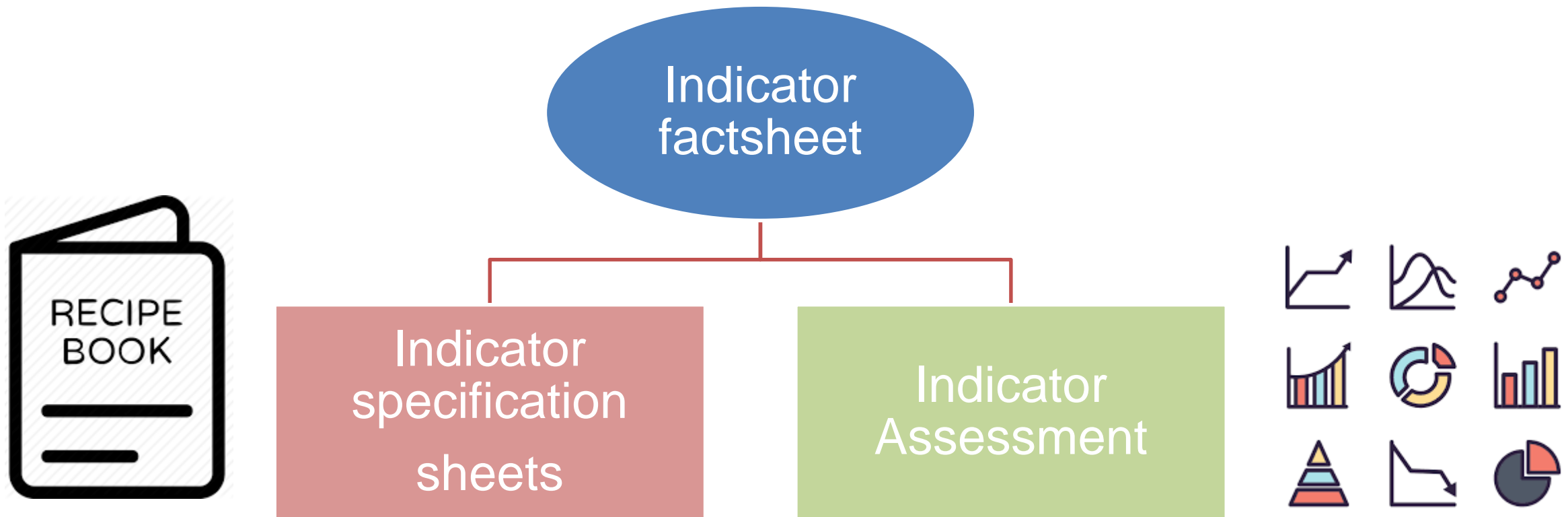


# H2020/NAP WATER indicators

INDICATORS	SUB-INDICATORS
<b>IND 3. Access to Sanitation</b>	3.1 Share of total, urban and rural population with access to an improved sanitation system (ISS)
	3.2 Proportion of population using safely managed sanitation services (SMSS)
<b>IND 4. Municipal Wastewater Management</b>	4.1 Municipal wastewater collected and wastewater treated
	4.2 Direct use of treated municipal wastewater
	4.3 Release of nutrients from municipal wastewater
<b>IND 5. Coastal and Marine Water Quality</b>	5.1 Nutrient concentrations in transitional, coastal and marine waters
	5.2 Bathing water quality



# Indicator factsheets



- <https://eni-seis.eionet.europa.eu/south/areas-of-work/indicators-and-assessment>
- Guidance document on WATER assessment



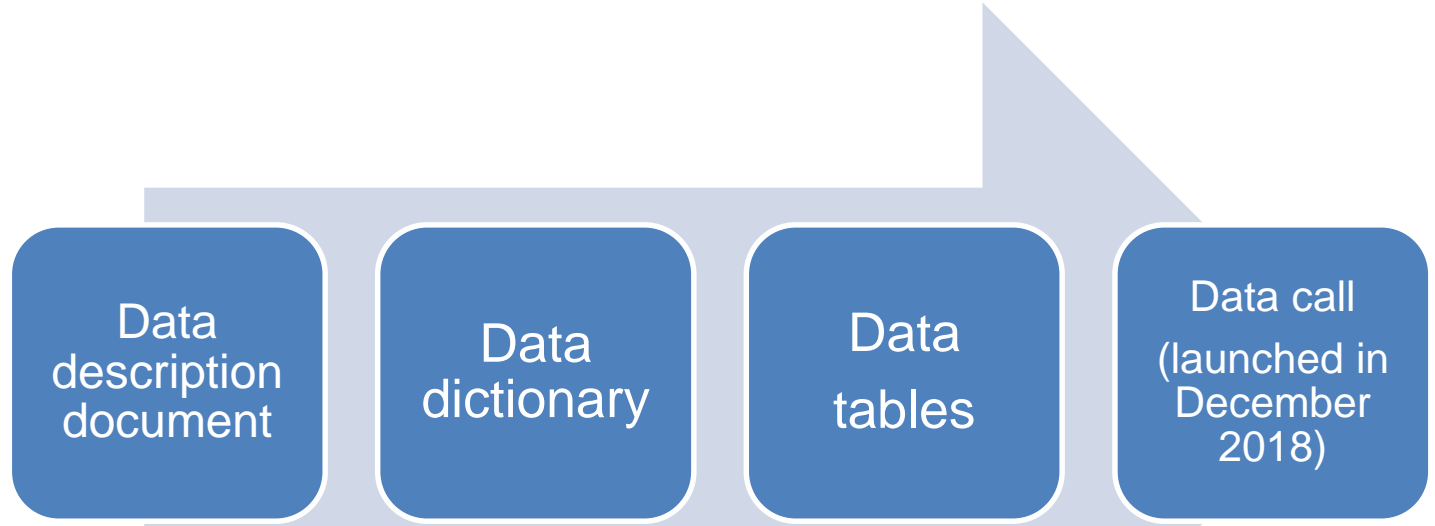
# Data



	A	B	C	D	E	F	G	H
1	<b>4.2 - Direct use of treated municipal wastewater at the National level</b>							
2	Country code	Year	Total_Volume_Direct_Reuse	Fraction_Primary_Treatment_Reuse	Fraction_Secondary_Treatment_Reuse	Fraction_Tertiary_Treatment_Reuse	Total_Volume_Direct_Reu	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								

Data table 1: Share of national population with access to an improved sanitation system (ISS)

Column name	Column definition	Methodology	Data specifications	Equivalent in WISE if exist
1. Country_Code	Country codes as defined in the codelist.	ISO 3166-alpha-2. Codes elements as defined in codelist: i	Type of element: common Datatype: string Size: 2	
2. Year_H2020	Year for which data is available	Use the format YYYY	Type of element: common Datatype: date Min. size: 4 Max. size: 4 Min. value: 2003 Max. value: Current year	
3. Total_Population	Total population	See Table D		
4. Urban_Population	Urban population	See Table D		
5. Rural_Population	Rural population	See Table D		
6. Total_Population_ISS	Total national population with access to Improved Sanitation Systems (ISS)	Total population with access to improved sanitation system refers to the population with access to facilities which hygienically separate human excreta from human, animal and insect contact.	Type of element: non-common Datatype: integer Unit: inhabitants Min. size: 1 Max. size: 10 Min. value: 1 Max. value: 1000 000 000	
7. Urban_Population_ISS	National population living in urban areas with access to Improved Sanitation Systems (ISS)	Urban population with access to improved sanitation system refers to the population with access to facilities which hygienically separate human excreta from human, animal and insect contact.	Type of element: non-common Datatype: integer Unit: inhabitants Min. size: 1 Max. size: 10 Min. value: 1 Max. value: 1000 000 000	
8. Rural_Population_ISS	National population living in rural areas with access to Improved Sanitation Systems (ISS)	Rural population with access to improved sanitation refers to the population with access to facilities which hygienically separate human excreta from human, animal and insect contact.	Type of element: non-common Datatype: integer Unit: inhabitants Min. size: 1 Max. size: 10 Min. value: 1 Max. value: 1000 000 000	
9. Data_Collection_Method	Method of data collection.	Codes elements as defined in codelist	Type of element: common	



InfoMAP central service for storing technical specifications for information requested



This project is funded by the European Union

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# Data flow organisation

- See
  - H2020 data flow presentation EEA
  - Regional infrastructure presentation InfoRAC



# State of the H2020 reporting – 09 July 2019

	INFO/RAC DATA CENTRE (IDC)	GeoNodeSDI
Morocco	Comments on data dictionaries	Transmitted Shapefiles
Algeria		
Tunisia		Account created
Libya		
Jordan		
Egypt		
Israel	Comments on data dictionaries	
Palestine	Delivered envelopes	
Lebanon		
Montenegro	Delivered envelopes	
Bosnia Herzegovina	Delivered envelopes	



# Operational SEIS developments strongly anchor to political context for regional environmental cooperation - Overview of national progress Nov. 2018

Activity	Algeria	Egypt	Israel	Jordan	Lebanon	Libya	Morocco	Palestine	Tunisia
Inter-institutional coordination/ national team-committee, thematic cooperation	●	▲	▲	▲	NA	●	▲	▲	▲
Data production, collection, dissemination/exchange	●	●	▲	●		▲	●	●	▲
Indicator production (adoption of methodology, indicator assessment, publication)	●	●	●	▲		●	▲	●	●
Analytical and assessment capacities (national SoER, contribution to regional assessment processes)	●	▲	▲	●		●	●	●	▲
Continuity of different line of work and networks	Subject to a country visit	NSO solid authorise data provider, Institutional memory		National committee, staff consolidated		Ensure CB	Integrated in existing structures (regions, MEDPOL)	SDI MoLG, national funding	Need political support

▲	Task progressing well - on track		
●	Progress made but task not completed yet		
●	No progress		



1. Mobilize national team to reply to data call

2. Gather data from correct sources

3. Conversion into right format

4. QA/QC and report

5. Data analysis, interpretation

6. National assessment



# Where are you in this process?

## What is the most challenging step?



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