

# *10th meeting of the Horizon 2020 Review and Monitoring (RM) Group and Assessment workshop*

*23-24 September 2019*

*Athens, Greece*

Session 4: Main elements from thematic assessments  
WATER



*This project is funded by the European Union*



European Environment Agency

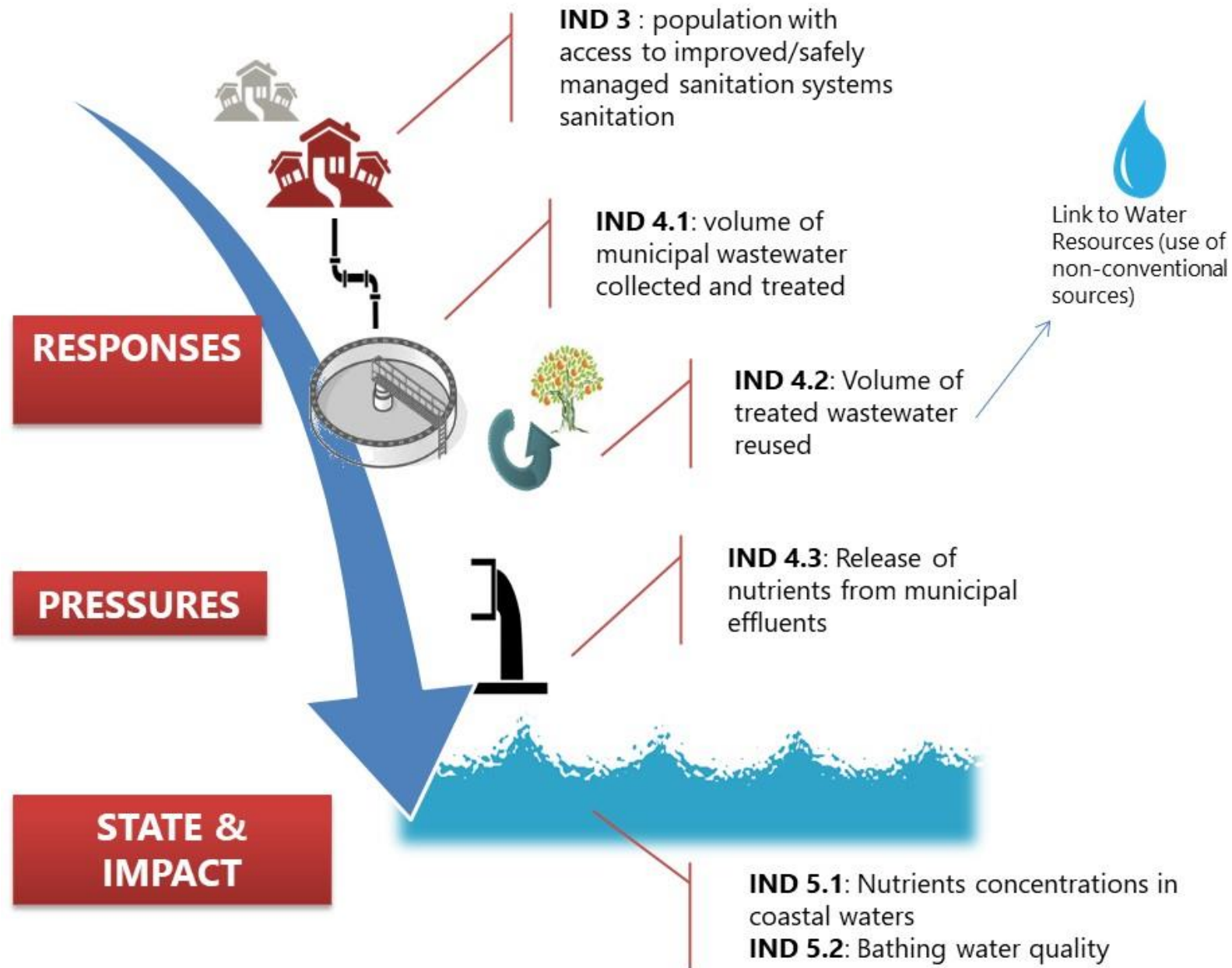


# Contents

- Status of H2020 reporting of WATER indicators
- Preliminary regional assessment based on external data sources (e.g. SDG 6, FAO Aquastat)
- ENI SEIS II South Horizon 2020/NAP Water workshop
  - 9-10 July 2019, Marseilles



# H2020/NAP WATER indicators



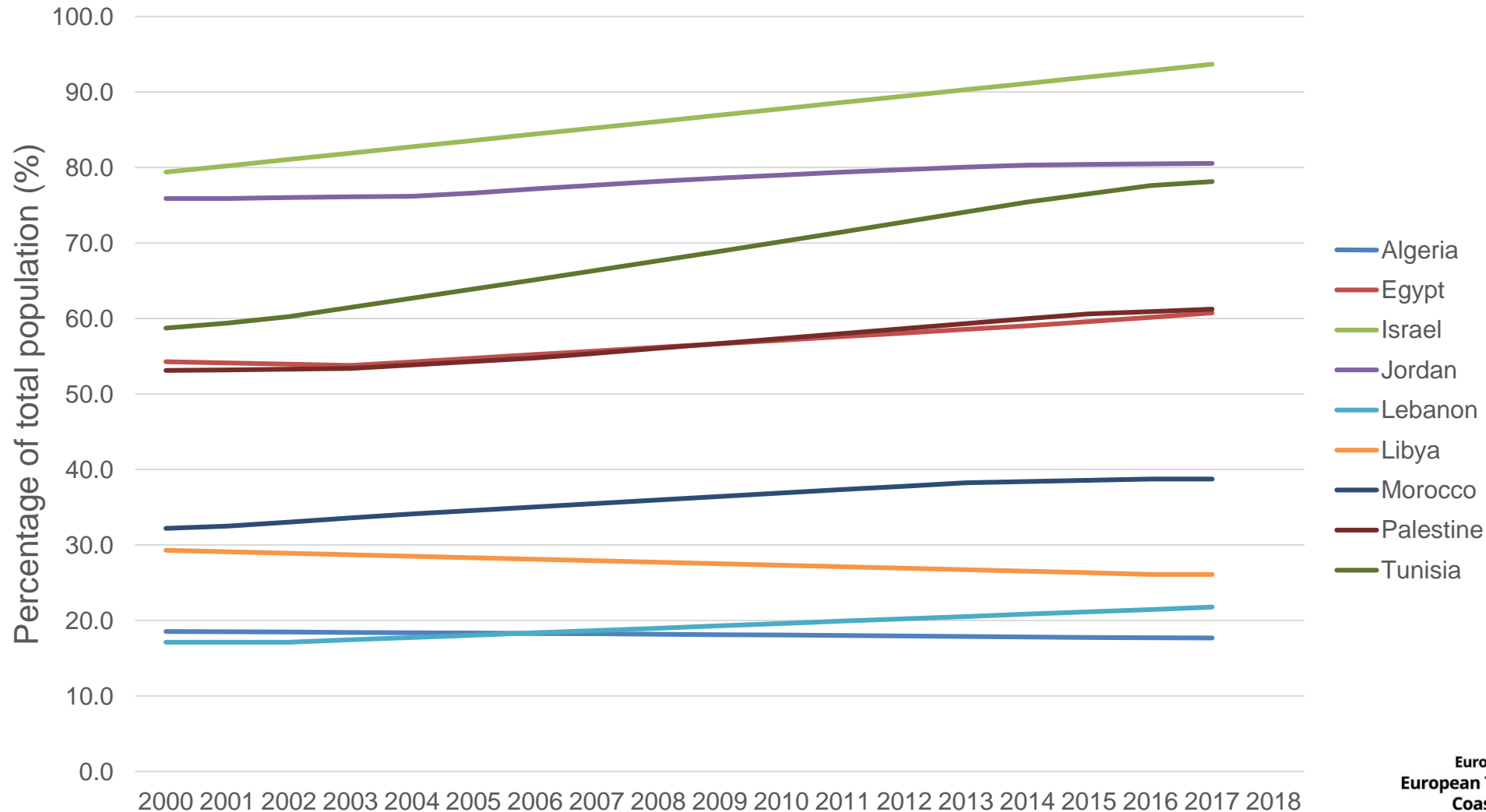
# Overview of reporting on WATER indicators

	Sanitation		Wastewater Management			Nutrients	BWQ
	IND3.1	IND 3.2	IND 4.1	IND 4.2	IND 4.3	IND 5.1	IND 5.2
Morocco							
Algeria							
Tunisia							
Libya							
Jordan	2004, 2015	2014	-	-	-		
Egypt							
Israel	2003-2017 %	2003-2017 %	2003-2017	2003-2017	-		2003-2017
Palestine	2003-2017	2014, 2017	2011-2017	2011-2017	-		
Lebanon							
Montenegro							
Bosnia Herzegovina							

H2020/NAP Indicators	H2020/NAP sub-indicators	SDG6 indicators	FAO Aquastat indicators
IND 3. Access to Sanitation	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)	6.2.1 Proportion of population using safely managed sanitation services (SMSS) 6.a.1 Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan	
IND 4. Municipal Wastewater Management	4.1 Municipal wastewater collected and wastewater treated	6.3.1 Proportion of wastewater safely treated	Produced municipal wastewater Collected municipal wastewater Treated municipal wastewater
	4.2 Direct use of treated municipal wastewater		Direct use of treated municipal wastewater
	4.3 Release of nutrients from municipal wastewater		
IND 5. Coastal and Marine Water Quality	5.1 Nutrient concentrations in transitional, coastal and marine waters		
	5.2 Bathing water quality		

# SDG6.2.1 – Ind3.2 (%)

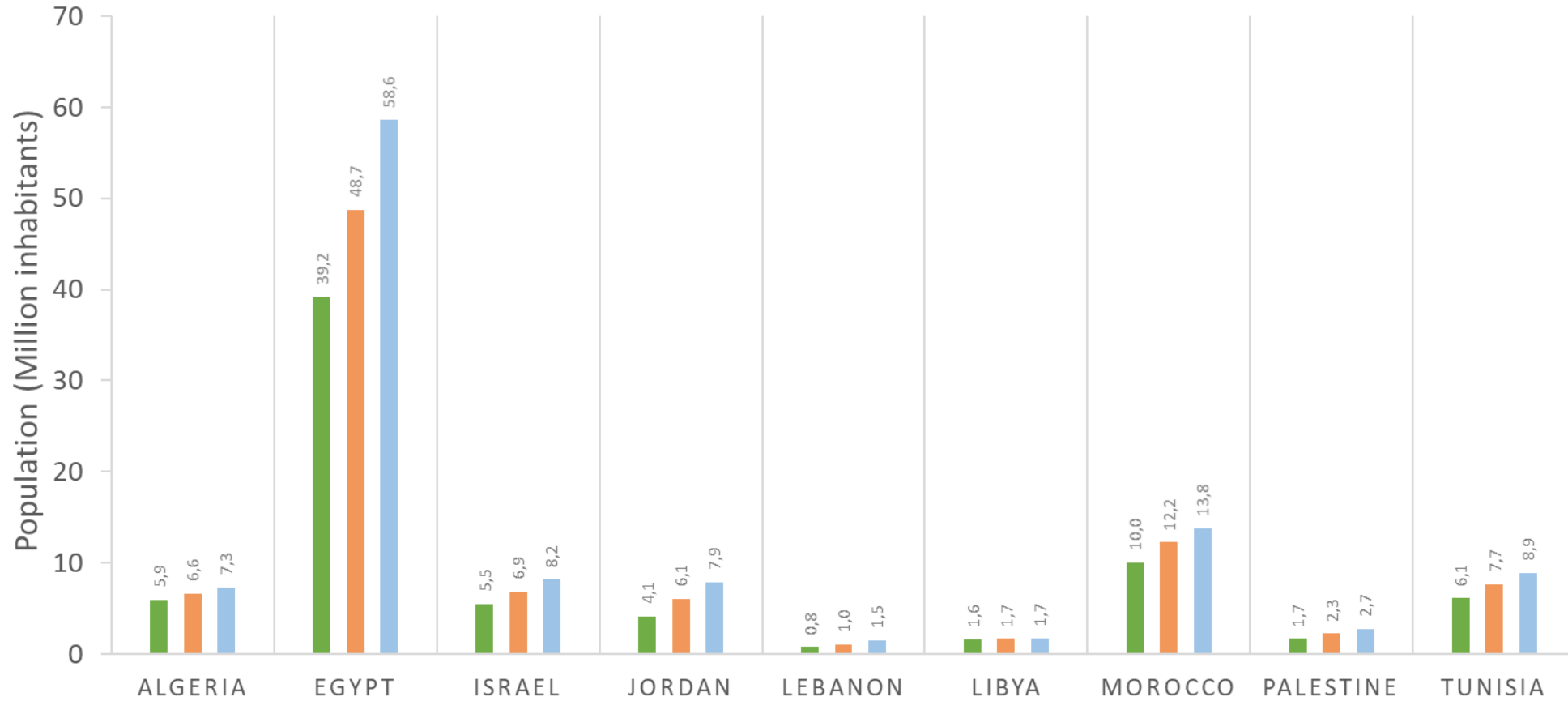
SDG6.2.1 Proportion of TOTAL population using Safely Managed Sanitation Services (SMSS)



# SMSS – Population (no. of inhabitants)

POPULATION USING SAFELY MANAGED SANITATION SERVICES

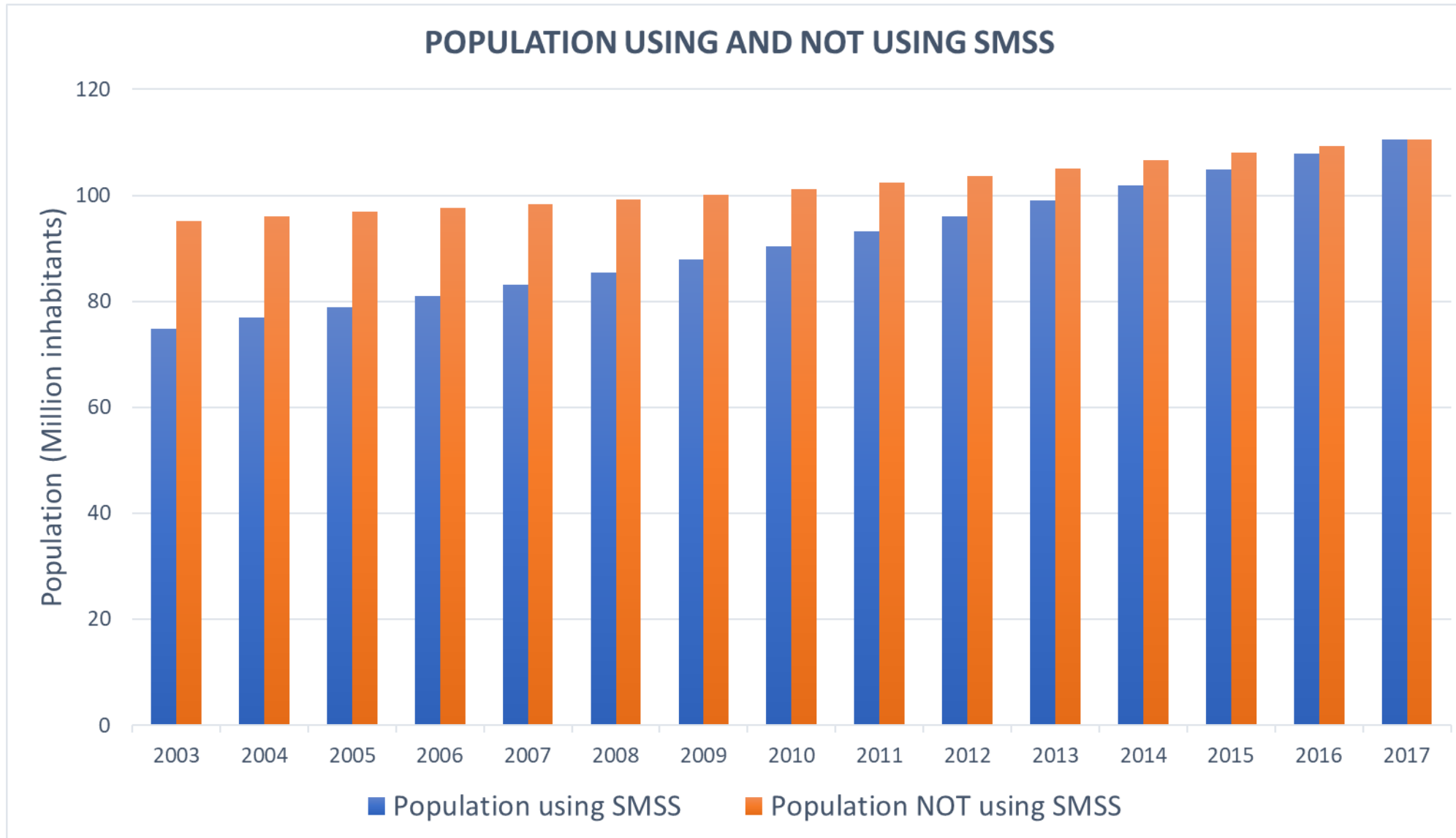
■ 2003 ■ 2011 ■ 2017



Conversion of % population to population (inhabitant) using Total Population data (World Bank)



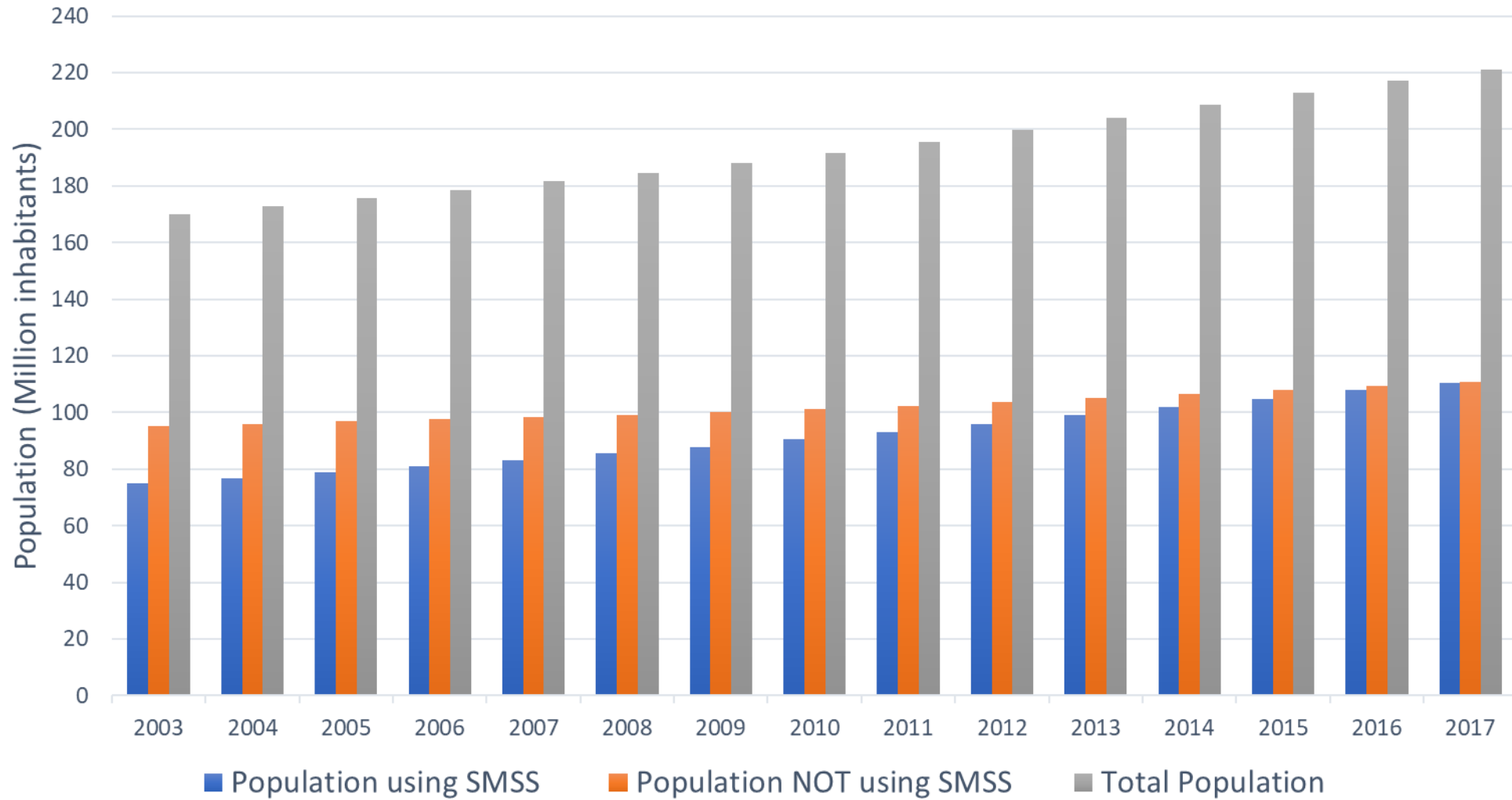
# ENI South region – Population with/out SMSS





# ENI South region – Population with/out SMSS

POPULATION USING AND NOT USING SMSS

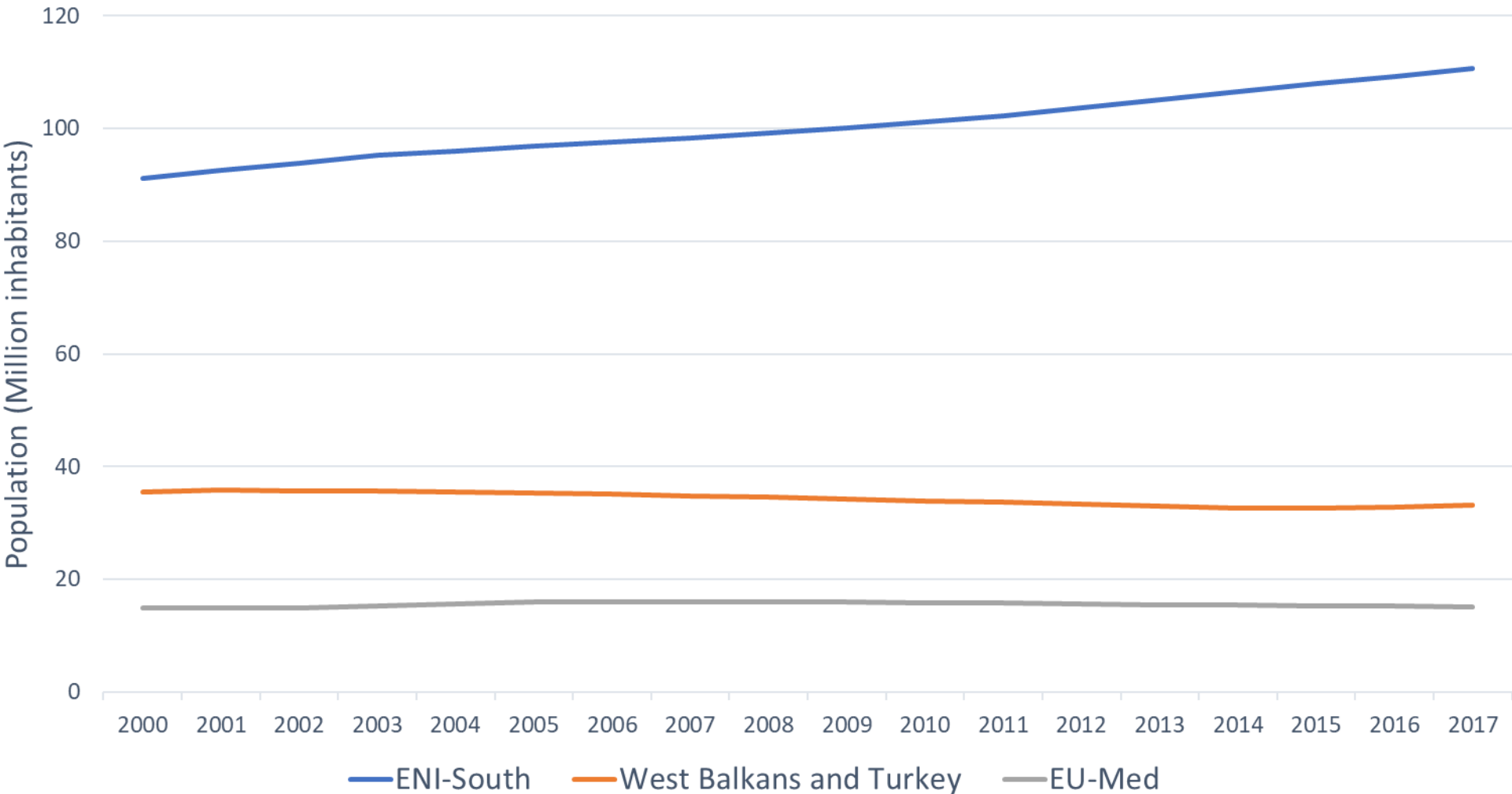


Population growth outweighs increase in % population using SMSS in ENI-South



# *In Mediterranean > 158 million have NO access to SMSS*

**POPULATION NOT USING SAFELY MANAGED SANITATION SERVICES**



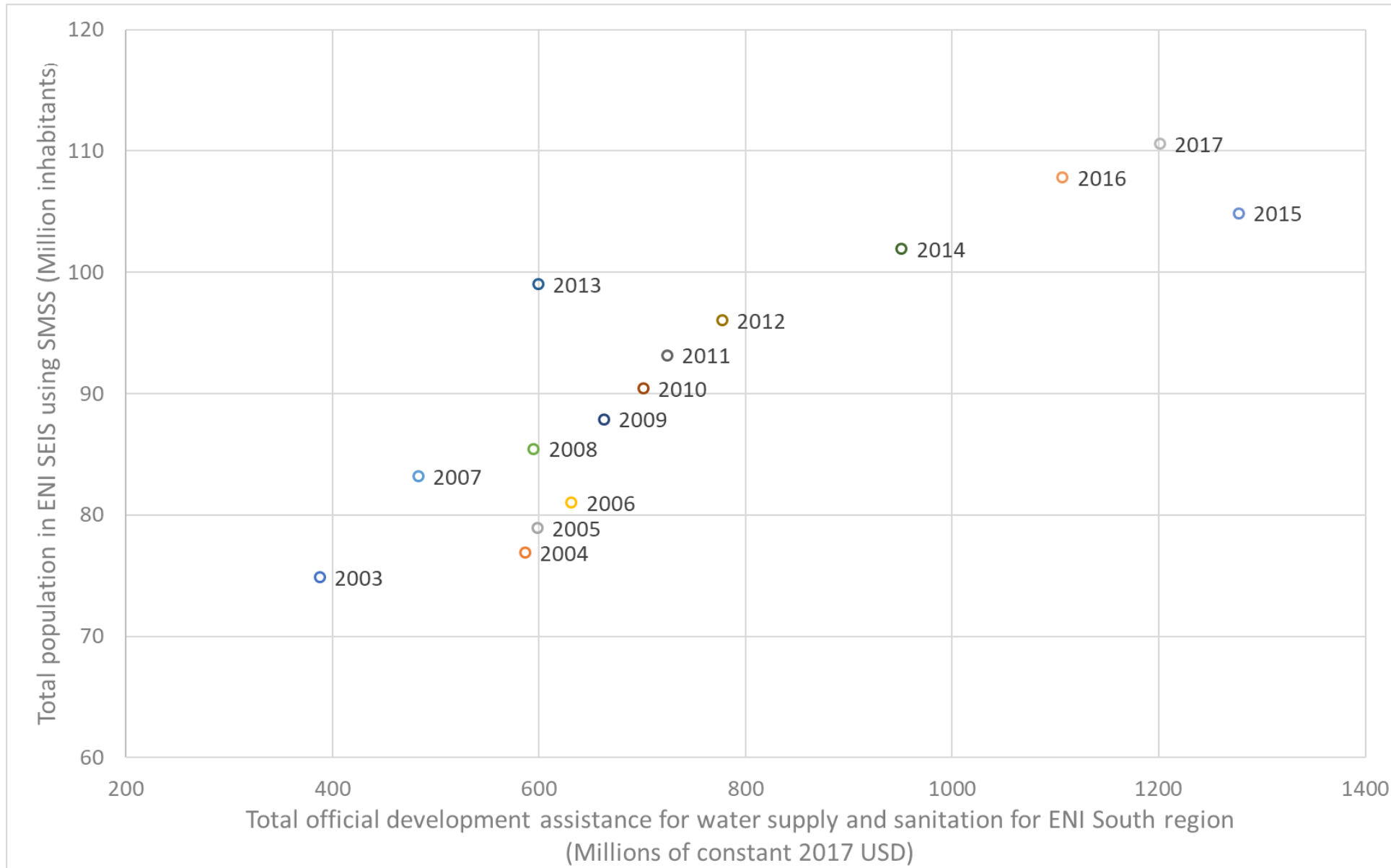
In 2017:  
111 million

33 million

15 million



# Correlation SMSS (inhabitants) & ODA (USD)



SDG 6.2.1 vs  
SDG 6.a.1

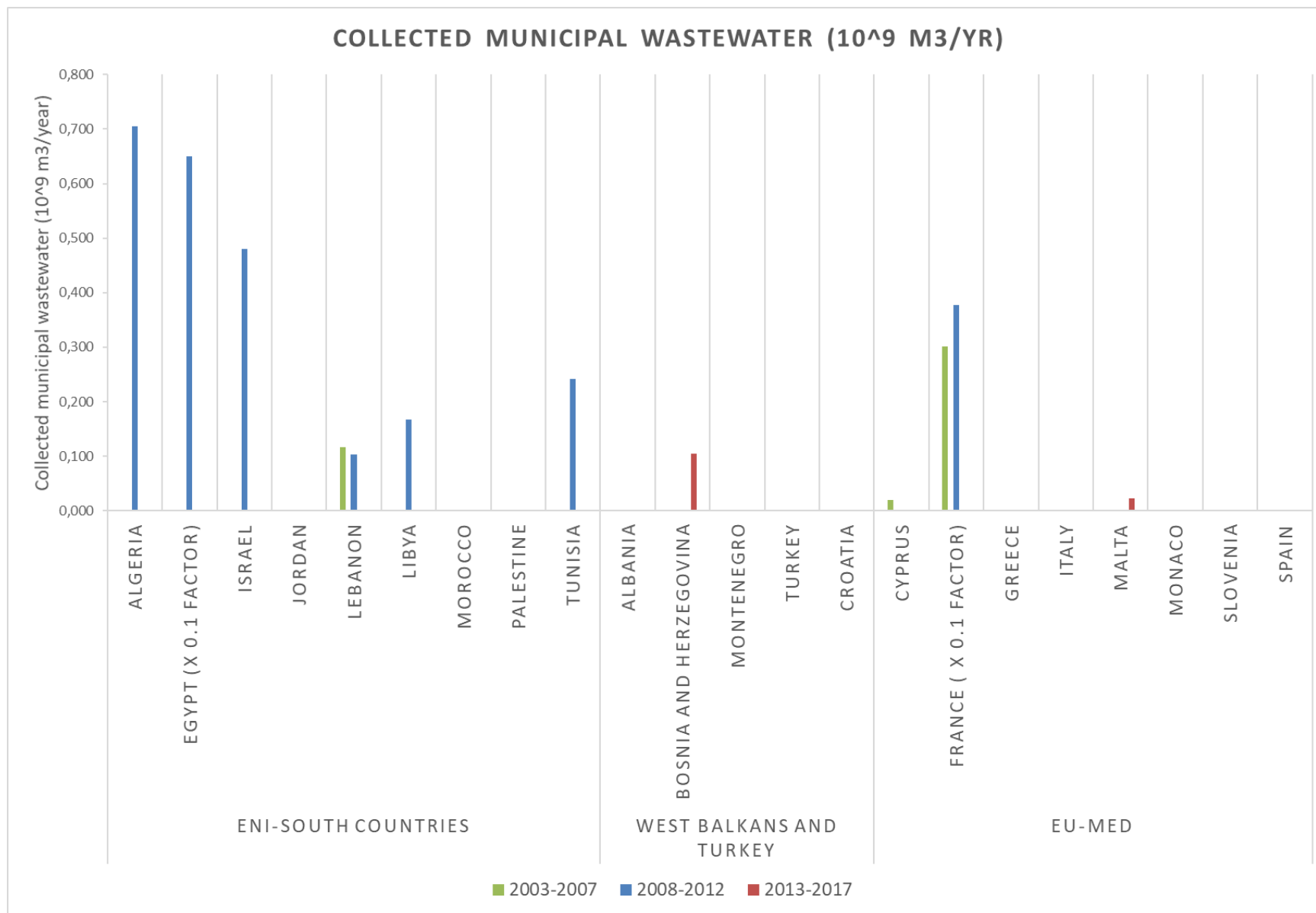


# Wastewater Management

- *“.....The progress in municipal wastewater management is difficult to assess -the data available do not provide sound evidence or trends at the regional level....”* H2020 report, 2014



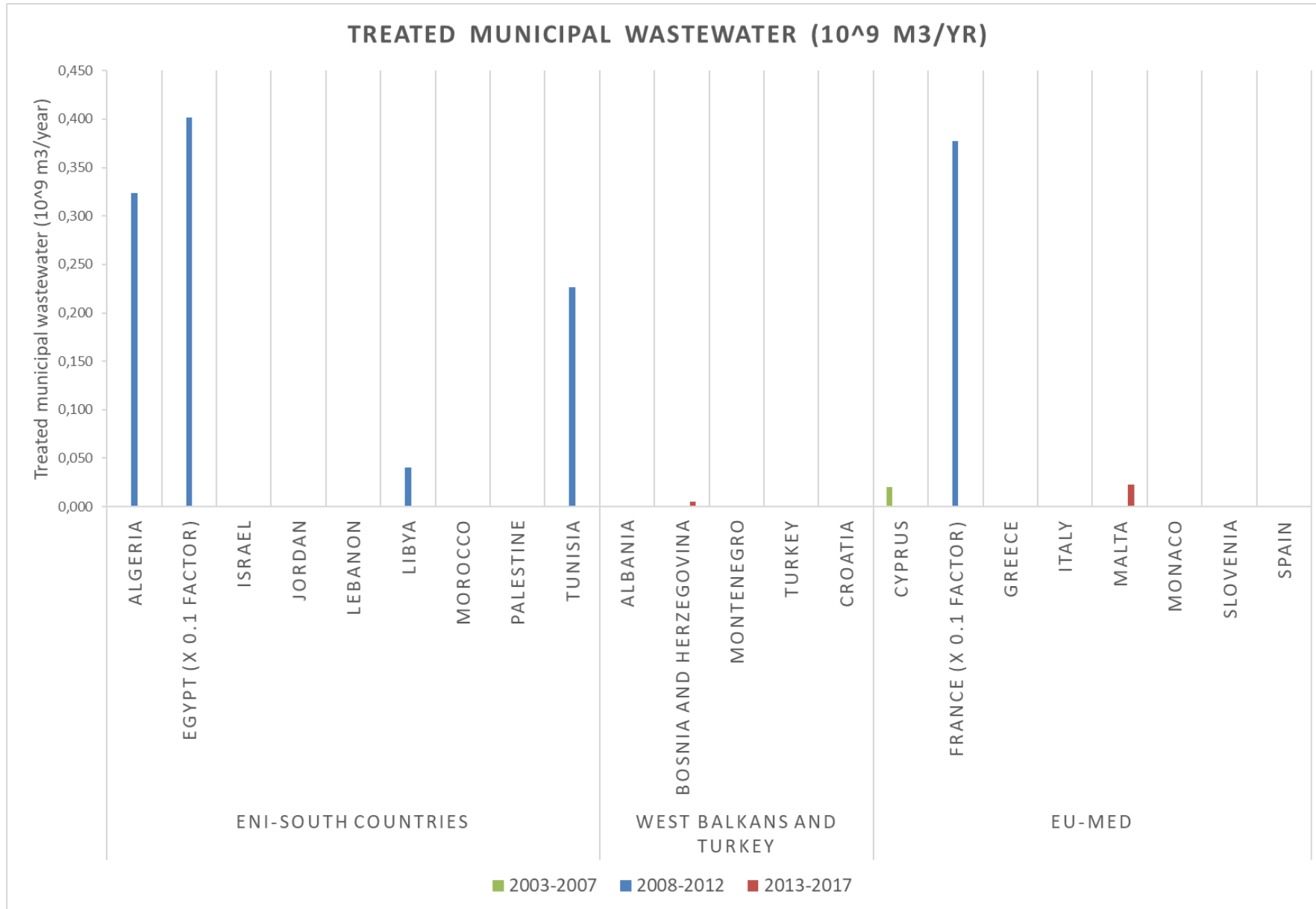
# Wastewater Management - collected



Source:  
FAO Aquastat



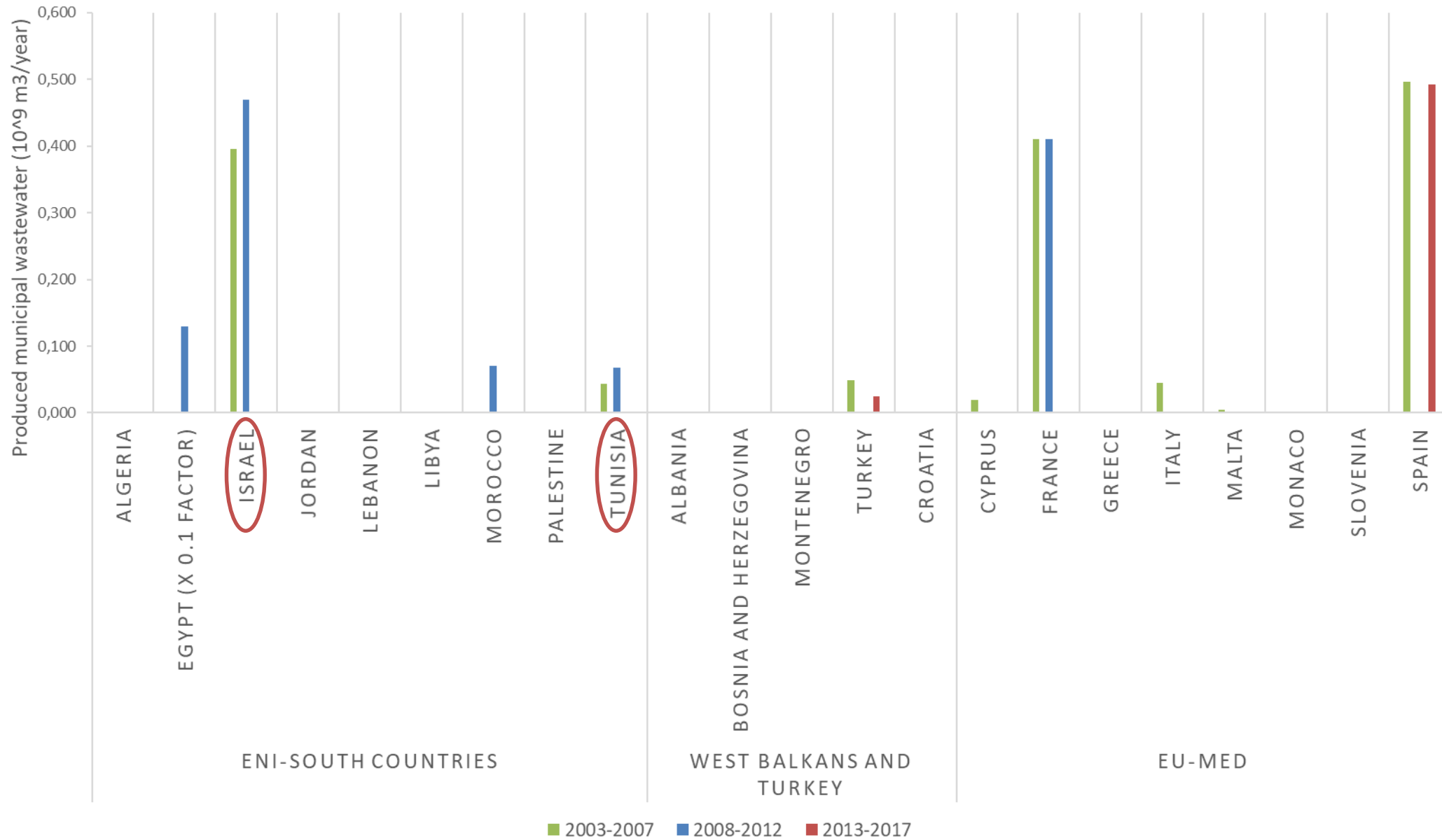
# Wastewater Management - treated



Source:  
FAO Aquastat



## DIRECT USE OF TREATED MUNICIPAL WASTEWATER (10<sup>9</sup> M3/YR)

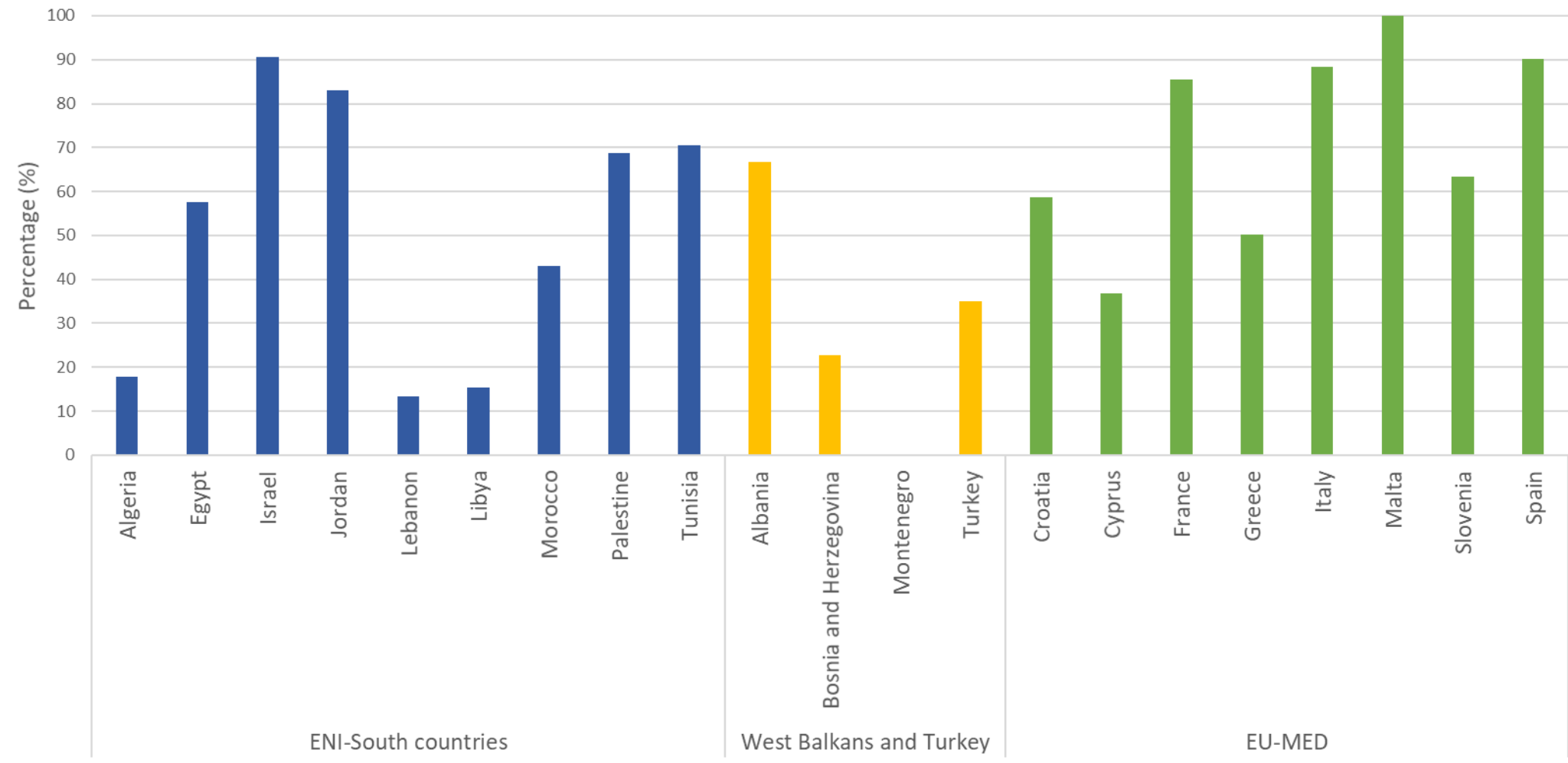


Source:  
FAO Aquastat



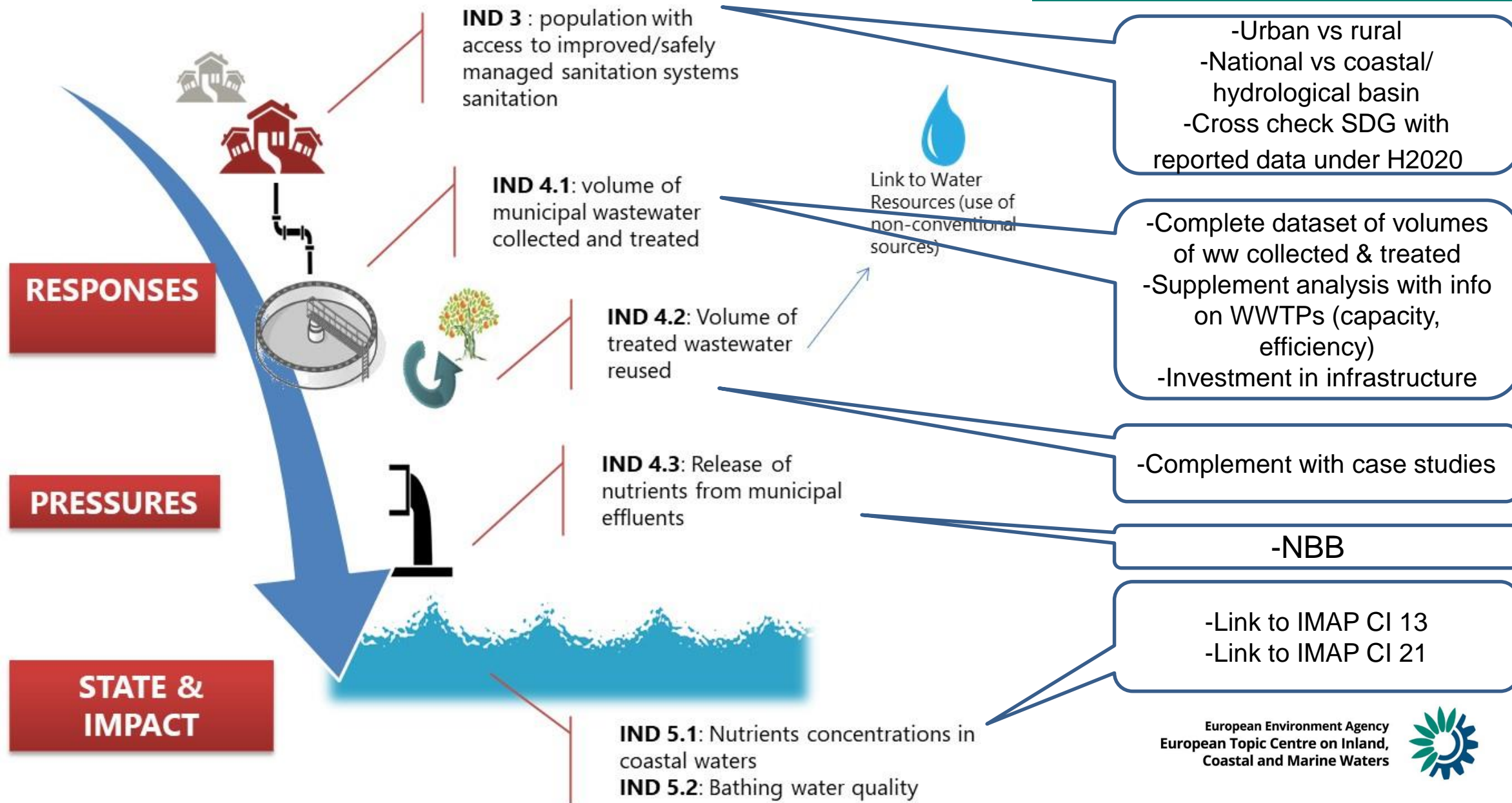
## SDG 6.3.1 Proportion of safely treated domestic wastewater flows (%) (%) EN\_WWT\_WWDS

2018





# Next steps for WATER thematic assessment



# Messages from WATER workshop

- An overall improved regional **trend in sanitation**, yet some areas are still lagging behind
- Lack of paralleled advancement in **wastewater treatment**
- Lack of control on **industrial emissions affects water quality**
- **Data sharing** between institutions still remains an issue – appropriate agreements are still not in place
- **Data availability** has not improved significantly, taking into consideration the increased demand for data in view of the SGDs
- Despite efforts to tackle environmental issues, **geopolitical instability and conflicts** hinder their impact on the ground
- There is room for improving **integrated water governance** at the national level and for translating political commitment to the operational level
- Addressing **issues specific to countries** and inclusion of illustrative case-studies

