

PROGRAMME

Study Trip

Water reuse in practice: Co-existence with water scarcity in the Region of Murcia in Spain

Murcia Region / Spain

23-25 April 2023

Status: 9 Feb 2024

Mon, 22 April 2024: Arrival & informal get-together

Time	Topic	Speaker / guide
	<i>Individual travelling to Alicante Airport</i>	
	<i>Individual transfer to Hotel Areca (by public transport or taxi)</i>	
Informal get-together & networking		
<i>From 20:00</i>	<i>Informal get-together at the bar & restaurant of Hotel Areca, Carrer del Llimó 2, 03320 Torrellano, Spain</i>	

Tuesday, 23 April 2024: Study trip / day 1

Time	Topic	Speaker / guide
07:45	Check out from Hotel Areca Storing of the luggage to the charter bus	
08:00	Bus transfer to Murcia	
	On the way: Introduction to the programme of the study trip & information on organisational matters	Jens Masuch WaterMan project management, GA-MA Consulting
THE POLICY & GOVERNANCE PERSPECTIVE: Visit of the Directorate General of Water Management of the Region of Murcia		
09:00	Welcome by the host of the study trip, the Regional Ministry of Water, Agriculture, Livestock and Fisheries of the Region of Murcia https://www.carm.es/web/pagina?IDCONTENIDO=80&IDTIPO=140&RASTRO=c\$m22660	José Sandoval Moreno General Director for Water at the Ministry of Water, Agriculture, Livestock and Fisheries of the Region of Murcia
09:15	What can the regional administration do to manage & mitigate water scarcity? <ul style="list-style-type: none"> ▪ Overview of water resources in the Region of Murcia ▪ Policies to improve the efficiency of water use ▪ Approaches to guarantee enough water to the main sectors at reasonable costs 	
	Questions & answers / further discussions	Plenary
09:40	Groundwater overexploitation: A consequence of water scarcity https://www.igme.es/	Jose Luis García-Aróstegui Director of the Geological and Mining Institute of Spain
	Questions & answers / further discussions	Plenary
10:00	The GEMS project: Improving water policies in view of reducing water nitrification with agricultural origin	Manuel Boluda Fernandez GEMS Project Coordinator, General Directorate for Water, Region of Murcia
	Questions & answers / further discussions	Plenary
10:30	Coffee break	
11:15	Bus transfer to San Pedro del Pinatar	
THE REGIONAL WATER COMPANY PERSPECTIVE: Visit of Water Purification Station San Pedro		
12:00	Water reuse for agricultural purposes: Conditions https://www.esamur.com/esamur https://www.esamur.com/idi	Pedro Simón Technical Director of ESAMUR (The Regional Sanitation and Purification Entity)
	Questions & answers / further discussions	Plenary

Time	Topic	Speaker / guide
12:30	Short sightseeing tour by bus through the nature preserve "San Pedro Salinas"	
13:00	Joint lunch	
15:30	Bus transfer to San Javier	
15:50	Visit to a pond to collect rainwater, incl. explanations of the functions of the facility	Manuel Boluda Fernandez General Directorate of Water, Region of Murcia
16:10	Bus transfer to Murcia	
THE MUNICIPAL WATER COMPANY PERSPECTIVE: Visit of Murcia Este Wastewater Treatment Plant (WWTP)		
17:00	The Murcia Este WWTP: Indirect water reuse in the City of Murcia https://www.emuasa.es/depuracion	Mar Castro Technician of Murcia Este WWTP, EMUASA (Murcia's municipal water and sewer system company)
	Questions & answers / further discussions	Plenary
17:45	Bus transfer to Murcia city centre Check in to the hotel	
	Possibility to explore the old town of Murcia	
19:30	Joint dinner	(self-paying)

Wednesday, 24 April 2024: Study trip / day 2

Time	Topic	Speaker / guide
09:00	Bus transfer from Murcia to Cartagena	
10:10	Coffee break	
THE WATER USER PERSPECTIVE: Visit of the Irrigator Community of Campo de Cartagena		
11:00	Different alternative water resources and their use for agricultural purposes, incl. <ul style="list-style-type: none"> ▪ Harvesting water ▪ Reused water ▪ Desalinated water ▪ Drainage Water ▪ Groundwater ▪ Transfer from foreign basins https://www.crcc.es/informacion-c-r-c-c/#	Pablo del Amor Saavedra Technical Director of Irrigator Community of Campo de Cartagena
	Questions & answers / further discussions	Plenary
13:00	Joint lunch	
15:30	Bus transfer to San Javier	

Time	Topic	Speaker / guide
A PEEK INTO THE FUTURE: Visit of Dinapsis - the Digital Operation Center for the water sector		
15:45	Dinapsis: Using Artificial Intelligence to adapt to the effects of climate change https://www.hidrogea.es/dinapsis	N.N. <i>HIDROGEA Water supply company</i>
	Questions & answers / further discussions	Plenary
17:30	<i>Possibility to explore Cartagena</i>	
18.45	<i>Bus transfer to the hotel in Murcia</i>	
19.30	<i>Arrival at the hotel in Murcia</i>	
20:00	<i>Joint dinner</i>	<i>(self-paying)</i>

Thursday, 25 April 2024: Study trip / day 3

Time	Topic	Speaker / guide
CONCLUSIONS & OUTLOOK		
09:00	Joint reflections on the study trip, incl. <ul style="list-style-type: none"> ▪ Lessons learnt during the lectures & site visits ▪ Prospects to transfer the explored approaches to the WaterMan partner regions & Baltic Sea Region 	Plenary
	Further activities & offers of the WaterMan project	Jens Masuch <i>WaterMan project management, GA-MA Consulting</i>
	Concluding remarks & farewell	Tobias Facchini <i>WaterMan Lead Partner, Region Kalmar County</i>
10:30	<i>Check out from the hotel</i>	
11:00	<i>Bus transfer to Alicante Airport</i>	
12:00	<i>Arrival at Alicante Airport, end of the joint bus travel</i>	
	<i>Individual travelling back home</i>	

Note: The programme may be subject to slight alterations. If you have any further wishes or suggestions, please do not hesitate contact us!