

PROGRAMME

Study Trip

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

Murcia Region / Spain
22-25 April 2024

Status: 22 April 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		
20:00	<i>Informal get-together at the 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	Departure of the bus, transfer to Murcia	
	On the bus: Introduction to the programme of the study trip & information on organisational matters	Igor Kaniecki 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 General Directorate for Water of the Region of Murcia https://www.carm.es/ Download slides!	José Sandoval Moreno General Director for Water, 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 Download slides!	Manuel Boluda Fernández Management Technician, General Directorate for Water, Region of Murcia
	Questions & answers / further discussions	Plenary
09:40	Groundwater overexploitation: A consequence of water scarcity https://www.igme.es/ Download slides!	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 Download slides!	Manuel Boluda Fernández GEMS Project Coordinator, General Directorate for Water, Region of Murcia
10:10	How do the municipalities in Murcia Region deal with water scarcity?	Inmaculada Serrano Director of Aguas de Murcia
10:25	Introduction of the guide for the next stops, Euro-Mediterranean Water Institute Foundation (F-IEA)	Rosario Saura Mediterranean Water Institute Foundation
	Questions & answers / further discussions	Plenary
10:30	Coffee break	
11:15	Bus transfer to San Pedro del Pinatar	

Time	Topic	Speaker / guide
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 Download slides!	Pedro Simón Technical Director of ESAMUR (The Regional Sanitation and Purification Entity)
	Questions & answers / further discussions	Plenary
12:50	Short bus tour through the nature preserve San Pedro Salinas	
13:10	Joint lunch	
15:30	Bus transfer to San Javier	
15:50	Visit to a pond to collect rainwater with explanations of the functions of the facility	Manuel Boluda Fernández 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 Download slides!	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 the city centre of Murcia Check in to Hotel Occidental Murcia Agalia	
	Possibility to explore the old town of Murcia	
19:00	Optional: Meeting in the lobby of Hotel Occidental Murcia Agalia Short guided tour through the old town on the way to the dinner place	Manuel Boluda Fernández General Directorate of Water, Region of Murcia
19:30	Joint dinner	(self-paying)

Wednesday, 24 April 2024: Study trip / day 2

Time	Topic	Speaker / guide
09:00	Bus departure from Hotel Occidental Murcia Agalia Transfer to Cartagena	
10:00	Coffee break	

Time	Topic	Speaker / guide
THE WATER USER PERSPECTIVE: Visit of the Irrigator Community of Campo de Cartagena		
10:30	Use of different alternative water resources 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/# Download slides!	Pablo del Amor Saavedra <i>Technical Director of Irrigator Community of Campo de Cartagena</i>
	Questions & answers / further discussions	Plenary
13:00	Joint lunch	
A PEEK INTO THE FUTURE: Visit of Dinapsis - the Digital Operation Center for the water sector		
15:30	Dinapsis: Using Artificial Intelligence to adapt to the effects of climate change https://www.hidrogea.es/dinapsis Download slides!	Jaime Olmo <i>HIDROGEA Water supply company</i>
	Questions & answers / further discussions	Plenary
16:30	Possibility to explore Cartagena	
18:15	Bus transfer to Murcia	
19:00	Arrival of the bus at the hotel in Murcia	
20:30	Joint dinner	(self-paying)

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 	All participants
	Further activities & offers of the WaterMan project	Igor Kaniecki <i>WaterMan project management, GA-MA Consulting</i>
	Concluding remarks & farewell	Tobias Facchini <i>WaterMan Lead Partner, Region Kalmar County</i>
	Individual travelling back home	

"Lost-in-Murcia" emergency number: +49 157 92 33 99 40 (Igor Kaniecki, GA-MA Consulting)