



Hybrid Training

FUNDAMENTALS OF WATER UTILITY REGULATION

October 9-11, 2024 | Athens, Greece

COURSE PROGRAMME

Organised by:



COURSE VENUE:

**Premises of RAEEY – Regulatory Authority
for Energy, Waste and Water**

Address:
Pireos 132
11854 Athens, Greece

Day 0 – October 2, Wednesday

INTRODUCTORY SESSION

Live session via Zoom			
09:00 – 09:15	15 min	Course introduction – Explanation of course structure, topics and deliverables	András Kis, Course Director, Senior Research Associate, Water Economics Unit, REKK Hungary
09:15 – 09:30	15 min	Introduction of Training Participants (please use your camera and unmute yourself when it is announced)	Course Participants
09:30 – 10:20	50 mins	Fundamentals of water utility regulation Cost structure Economies of scale Demand and supply Demand elasticity Consumer and producer surplus	András Kis, Course Director
10:20 – 10:30	10 mins	Q&A session	
10:30		<i>End of Session</i>	

DAY 1: October 9, 2024 (Wednesday)

WATER UTILITY ECONOMICS AND PRINCIPLES OF REGULATION

Morning			
09:00	15 mins	Opening remarks and welcome address	Andrijana Nelkova-Chuchuk, Chair of ERRA; Commissioner ERC North Macedonia; Representative of RAEWW, Greece
09:15	60 mins	Principles of economic regulation The goal of regulation Theoretical foundations Regulatory functions	Gábor Kisvárdai
10:15	15 mins	Q&A session	
10:30	30 mins	<i>Group Photo & Coffee break</i>	
11:00	50 mins	Country case study: Water utility regulation in North Macedonia The North Macedonian water utility sector Regulatory framework and the role of ERC	Andrijana Nelkova-Chuchuk, Chair of ERRA; Commissioner ERC North Macedonia;
11:50	10 mins	Q&A session	
12:00	60 mins	<i>Lunch</i>	
Afternoon			
13:00	50 mins	Licensing of operators and enforcement of regulatory decisions	Gábor Kisvárdai
13:50	10 mins	Q&A session	
14:00	30 mins	Licensing of operators in North Macedonia	

			Andrijana Nelkova-Chuchuk, Chair of ERRA; Commissioner ERC North Macedonia;
14:30	<i>10 mins</i>	Q&A session	
14:40	<i>30 mins</i>	<i>Coffee break</i>	
15:10	<i>20 mins</i>	Team assignment: Introduction and forming of teams	András Kis
15:30	<i>60 mins</i>	Team assignment: 1st working session	
16:30	<i>End of Day 1</i>		

DAY 2: October 11, 2024 (Thursday)

TARIFF SETTING AND CUSTOMER PROTECTION

Morning			
09:00	<i>50 mins</i>	Introduction to price regulation Economic principles of price regulation Cost based price setting Price and revenue cap Yardstick competition Efficiency regulation	Ardian Berisha, Regulatory Expert, ERRA
09:50	<i>10 mins</i>	Q&A session	
10:00	<i>50 mins</i>	Tariff structures Tariff designs for water utilities Pros and cons Cost allocation challenges Case studies	András Kis, Course Director
10:50	<i>10 mins</i>	Q&A session	
11:00	<i>30 mins</i>	<i>Coffee break</i>	
11:30	<i>50 mins</i>	Customer engagement and protection	Gábor Kisvárdai
12:20	<i>10 mins</i>	Q&A session	
12:30	<i>60 mins</i>	<i>Lunch</i>	
Afternoon			
13:30	<i>50 mins</i>	Country case study: Tariff setting The scope of regulation Tariff methodology and its application Future challenges	Andrea Guerrini, Commissioner, ARERA Italy
14:20	<i>10 mins</i>	Q&A session	
14:30	<i>30 mins</i>	<i>Coffee break</i>	
15:00	<i>15 mins</i>	The regulator's game: Introduction (online participants do a parallel assignment)	András Kis, Course Director
15:15	<i>60 mins</i>	The regulator's game	András Kis, Course Director
16:15	<i>45 mins</i>	Team assignment: 2nd working session	András Kis, Course Director
17:00	<i>End of Day 2</i>		

DAY 3: October 11, 2024 (Friday)

PERFORMANCE MONITORING; SEASONALITY OF SERVICE

Morning			
09:00	50 mins	Introduction to water utility benchmarking Why benchmark? Corporate and regulatory benchmarking Metric vs. process benchmarking The benchmarking cycle Case examples	Andr�s Kis, Course Director
09:50	10 mins	Q&A session	
10:00	50 mins	Country case study: Benchmarking	Susana Rodrigues, ERSAR Portugal
10:50	10 mins	Q&A session	
11:00	30 mins	Coffee break	
11:30	50 mins	Seasonality of service considerations	Andr�s Kis, Course Director
12:20	10 mins	Q&A session	
12:30	60 mins	Lunch	
Afternoon			
13:30	50 mins	Country Case study: regulatory approach to seasonality	Susana Rodrigues, ERSAR Portugal
14:20	10 mins	Q&A session	
14:30	30 mins	Off class group assignment presentations & discussion I.	Andr�s Kis, Course Director
15:00	30 mins	Coffee break	
15:30	30 mins	Off class group assignment presentations & discussion II.	Andr�s Kis, Course Director
16:00	45 mins	Final test and course evaluation	Andr�s Kis, Course Director
16:45	15 mins	Course Wrap-up & Farewell	
17:00	End of Day 3		

5 CER credits will be awarded to those participants who successfully completed the course.

For more information about [ERRA Certified Energy Regulator Programme](#) please refer to the Rule Book.