



SUMMER SCHOOL ON ENERGY PLANNING OF 100% RENEWABLE ENERGY SYSTEMS

Summer school on energy planning of 100% renewable energy systems is centered on energy and climate planning and modelling of smart energy systems and exchange of experiences with experts in the field. A special focus will be on the improvements of existing energy planning tool and models, with improved data management, policy, and scenario assessment, as well as systematic dynamic modelling of relevant environmental, economic, social, and technological variables. Finding a new and improved representation of smart energy systems is a key issue in calculating policy scenarios and their emissions.

TIME	29 September - 03 October 2025
PLACE	Inter University Centre Dubrovnik, Croatia
TOOLS	H2RES & LEAP

COURSE PROGRAMME

Venue: Inter-University Centre Dubrovnik, Don Frana Bulića 4, Dubrovnik, Croatia

Monday	29 September 2025	Introduction to Energy Planning and Smart Energy Systems
Tuesday	30 September 2025	Workshops in LEAP
Wednesday	01 October 2025	Workshops in H2RES
Thursday	02 October 2025	Workshops in H2RES
Friday	03 October 2025	Workshops in H2RES

SCHEDULE

MONDAY	09:00 – 09:30	09:30 – 10:30	10:30 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 15:00	15:00 –
	Opening	N. Duić: Introduction to Smart Energy Systems	Coffee Break	G. Krajačić: Introduction to Energy Planning	Lunch	Round table: discussion about each participant's research topic	Welcome reception & City tour
TUESDAY	09:00 – 09:45	09:45 – 10:30	10:30 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 15:00	15:00 –
	T. Pukšec: Introduction to energy demand planning and LEAP	LEAP training exercises	Coffee Break	Task description - Division into the groups - Q&A	Lunch	Group work – Building the 100% renewable system in LEAP	Informal beach discussion with Lecturers
WEDNESDAY	09:00 – 10:30	10:30 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 –
	Group presentation on LEAP Case Studies	Coffee Break	F. Feijoo: Introduction to H2RES	Lunch	H2RES training exercises	Task description - Division into the groups - Q&A	Informal beach discussion with Lecturers
THURSDAY	09:00 – 09:45	09:45 – 10:30	10:30 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 15:00	15:00 –
	N. Markovska: Integrated Assessment Models in Climate Science	Group Work – Building the 100% renewable system in H2RES	Coffee Break	Group Work – Building the 100% renewable system in H2RES	Lunch	Group Work – Building the 100% renewable system in H2RES	Informal beach discussion with Lecturers
FRIDAY	09:00 – 10:30	10:30 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 –
	Group Work – Building the 100% renewable system in H2RES	Coffee Break	Group Work – Building the 100% renewable system in H2RES	Lunch	Group presentation on H2RES Case Studies	Closing	Beach Goodbye Hangout