DIS4CEPP

Final Conference of the Project *"Development of an integrated solution for strategic long-term climate and energy policy planning and creation of joint climate and energy plans"*

1st December 2023, Zagreb, Croatia

Meeting place: Hotel Antunović, Zagrebačka Avenija 100 A, 10000 Zagreb

08.30 - 09.00	Registration
09.00 - 09.10	Introduction: Dražen Jakšić (EIHP)
Session 1: Presentations	
09.10 - 09.30	Development of an integrated solution for strategic long-term climate and energy policy planning and creation of joint climate and energy plans: Daniel Golja (EIHP)
09.30 - 09.50	End-Use Modeling and Integrated Energy Planning for Long-Term Energy Demand Projections with LEAP's Bottom-Up Approach: Tomislav Čop (EIHP)
9.50 - 10.10	Development of integrated electricity market and network models to assess resource adequacy and vulnerability of the power system: Dražen Balić (EIHP)
10.10 - 10.30	Integrated solution for planning the development of power system applying the PSS/E software tool based on the results of PLEXOS market analyses: Alen Pavlinić (EIHP)
10.30 - 10.50	Assessment of wind potential by using Meteodyn and windPRO models: Hrvoje Dorotić (EIHP)
10.50 - 11.10	Calculation of the PV potential in PVSol: Srećko Tamburović (EIHP)
11.10 - 11.40	**Coffee break**
Session 2: Presentations	
11.40 - 12.00	Challenges of long-term planning of energy and climate policies in Slovenia: Boris Sučić (IJS)
12.00 - 12.20	Energy planning for secure and reliable power supply - examples from practice: Mario Tot (IAEA)
12.20 - 12.40	EIGL - JRC's tool for supporting the EU's transition to climate neutrality: Dražen Tumara (JRC)
12.40 - 13.00	Navigating Challenges on the Road to Sustainability: The Vital Role of Comprehensive Integral Energy and Climate Planning for Achieving Renewable Energy Goals in the Transport Sector: Bruno Židov (EIHP)

Session 2: Presentations	
13.00 - 13.20	Simulation model for predicting the daily load diagram in the power system and fundamentals on processing big data with MATLAB: Kristina Perić (EIHP)
13.20 - 14.00	Reform of the electricity market aiming to ensure a stable and secure electricity supply: Minea Skok (EIHP)
14.00 - 14.50	**Lunch**
14.50 - 15.10	Implementation of a model for forecasting wind-powered electricity generation adapted to the Dinaric climate - project Wind Power Production Forcasting/Sevento: Ivan Kapustić (SedamIT)
15.10 - 15.30	Digitalization of the energy system - a precondition for low carbon transformation: Maja Božičević Vrhovčak (EIHP)
15.30 - 16.00	Closing remarks