

PROGRAMME

Thursday, 16 October 2025

9:00 - 10:00 gathering and registration of participants

10:00 - 11:30 1st Thematic Section: CROATIA AND THE WORLD

- introductory speech by the Organizer
- welcome speeches:
 - Nina DOMAZET, MBA, Croatian Chamber of Economy, Zagreb*
a representative, HEP Toplinarstvo d.o.o., Zagreb
 - mr. sc. Zlatko ZMIJAREVIĆ, dipl. ing., Croatian Energy Regulatory Authority, Zagreb*
a representative, Ministry of Economy, Zagreb
- presentations and one on one interviews:
 - Boris MAKŠIJAN, dipl. ing., Ministry of Economy, Zagreb - NEWS FROM THE REGULATORY FRAMEWORK FOR DISTRICT HEATING BUSINESS*
 - Marina SALOPEK KASUNIĆ, mag. iur., Hrvoje Požar Energy Institute, Zagreb - NEW RELATIONS IN THE DISTRICT HEATING SECTOR ACCORDING TO THE LATEST AMENDMENTS TO THE HEATING ENERGY MARKET ACT*
 - Julijan ŠALIĆ, Brunata d.o.o., Zagreb - HEAT DISTRIBUTORS - A STEP TOWARDS ENERGY-EFFICIENT HOUSING (one on one interview)*
 - Jure ŽNIDARŠIČ, Trimad procesna oprema d.o.o., Domžale, Slovenija - FROM THE LOWEST PRICE TO LONG-TERM VALUE: THE ROLE OF VALVE QUALITY IN DISTRICT HEATING PROJECTS*
 - Antonio PETRAK, mag. ing. mech., Weishaupt d.o.o., Celje, Slovenija - HYBRID SOLUTIONS IN SMALL AND MEDIUM-SIZED POWER PLANTS*
- discussion

11:30 - 12:00 coffee break

12:00 - 14:00 2nd Thematic Section: TODAY and TOMMOROW

- introductory presentations:
 - Lea LEOPOLDOVIĆ, mag. ing. mech., mr. sc. Vedran KRSTULOVIĆ, dipl. ing., Helena BENKOVIĆ, dipl. ing., Jadranka MARAS, dipl. ing. and dr. sc. Dražen BALIĆ, Hrvoje Požar Energy Institute, Zagreb and Jurica BRNAS, dipl. ing., IWE, HEP Toplinarstvo d.o.o., Zagreb - IMPROVEMENT AND MODERNIZATION OF THE HEAT SUBSTATION WITH THE POSSIBILITY OF INTEGRATION OF RENEWABLES AT THE HEP TOPLINARSTVO LOCATION IN ZAGREB AS A PART OF THE REHEATEAST PROJECT*
 - dr. sc. Hrvoje DOROTIĆ, Matija VAJDIĆ, mag. ing. el. and Petar DUNDOVIĆ, mag. ing. mech., Hrvoje Požar Energy Institute, Zagreb - DHC SwEEtch - DEVELOPMENT OF INVESTMENT PLANS FOR DECARBONIZATION OF DISTRICT HEATING SYSTEMS*
 - Jurica BRNAS, dipl. ing., IWE, HEP Toplinarstvo d.o.o., Zagreb - DEVELOPMENT OF THE DISTRICT HEATING SYSTEM IN THE CITY OF ZAGREB IN THE PERIOD 2026 - 2030*
 - Božo MADUNIĆ, univ. spec. mech., HEP Toplinarstvo d.o.o., Osijek Unit, Osijek - DEVELOPMENT OF DISTRICT HEATING SYSTEM IN THE CITY OF OSIJEK*
- round table - discussion with the following topics:
 - opportunities, threats, strengths and weaknesses of district heating and cooling systems
 - possibilities of implementation new technical and technological solutions in district heating and cooling systems
 - district heating systems in a time of energy and gas crisis
- participants:
 - *Vatroslav JUKIĆ, dipl. ing., Energo d.o.o., Rijeka*
 - *Matija MAČEK, univ. spec. inf. sig., Ministry of Economy, Zagreb*
 - *Franjo MRVA, dipl. iur., Brod-plin d.o.o., Slavonski Brod*

15:00 technical tour of the plants of Sisak District Heating System

19:00 social programme

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Friday, 17 October 2025

- 10:00 - 11:30** **3rd Thematic Section: TECHNIQUE and TECHNOLOGY**
- presentations and one on one interviews:
 - Mag. Amer KARABEGOVIĆ, dipl. inž. str., Danfoss Trata d.o.o., Ljubljana, Slovenia - MYTH OR FACT: DISTRICT ENERGY SYSTEMS ENABLE SUSTAINABLE ENERGY SYSTEMS*
 - Ivana LAJTMAN, dipl. ing., Viessmann d.o.o., Zagreb - INDUSTRIAL HEAT PUMPS FOR DISTRICT HEATING AND PROCESS HEATING SECTORS*
 - Vasilis ZOIDIS, Interplast S.A., Komotini, Greece - ENERGY EFFICIENCY OF PRE-INSULATED PLASTIC PIPES*
 - Primož BERNJAK, Schneider Electric d.o.o., Ljubljana, Slovenia - EcoStruxure™ DISTRICT ENERGY AND ARTIFICIAL INTELLIGENCE FOR OPTIMIZATION OF DISTRICT HEATING SYSTEMS (one on one interview)*
 - Velimir NASTASIĆ, dipl. ing., Danfoss d.o.o., Zagreb - THE EFFICIENCY IMPROVEMENT OF THE HOT WATER SYSTEM THROUGH EFFICIENT BALANCING AND MANAGEMENT*
 - Ivan MAJDANDŽIĆ, dipl. ing., HEP Toplinarstvo d.o.o., Zagreb - INFORMATIZATION OF HEAT SUBSTATIONS*
 - discussion
- 11:30 - 12:00 coffee break
- 12:00 - 13:30** **4th Thematic Section: OPTIMIZATION and QUALITY**
- presentations and one on one interviews:
 - doc. dr. sc. Marija MACENIĆ, prof. dr. sc. Tomislav KUREVIJA and dr. sc. Marko SINČIĆ, mag. ing. geol., University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, Zagreb - APPLICATION OF GEOTHERMAL RESOURCES IN DISTRICT HEATING IN THE WIDE AREA OF THE CITY OF ZAGREB - RESEARCH OF THE InnoGeoPot PROJECT*
 - Mario MARJANOVIĆ, dipl. ing., HEP Toplinarstvo d.o.o., Special Heating Plants Unit, Zagreb - POSSIBILITIES OF RENEWABLES IMPLEMENTATION IN DISTRICT HEATING*
 - Dušan MACURA, dipl. inž. el. and Aleksandra LUKIĆ, dipl. maš. inž., JKP Novosadska toplana, Novi Sad, Serbia - INTEGRATION OF SOLAR-THERMAL PLANT WITH SEASON HEAT STORAGE INTO DISTRICT HEATING SYSTEM OF NOVI SADA*
 - Domagoj MOSLER, dr. med., univ. mag. admin. sanit., Topusko Health Resort, Topusko - TOPUSKO - ON THE SOURCE OF HEALTH (AND HEAT)*
 - Danijel BIZEK, dipl. ing., HEP Toplinarstvo d.o.o., Heating Network Unit, Zagreb - STEAM NETWORK OPTIMIZATION IN THE CITY OF ZAGREB*
 - Josip MIŠKIĆ, mag. ing. mech., izv. prof. dr. sc. Tomislav PUKŠEC and Luka SIMIĆ, mag. ing. mech., University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb and Ivan KRAJNOVIĆ, Tehnoston d.o.o., Vukovar - LIFE HeatMineDH – MAPPING LOW-QUALITY RENEWABLE AND WASTE HEAT AND INVESTMENT PLANNING FOR EFFICIENT DISTRICT HEATING - CASE STUDY OF BOROVO NASELJE DISTRICT HEATING SYSTEM IN VUKOVAR*
 - discussion
 - the final word from the Organizer
- 13:30 lunch

**Napomena:**

The final Programme will be determined by the Organizer, on the basis of the received applications for presentation (titles and summaries).