



CROATIAN  
GAS  
CENTRE Ltd.



CROATIAN  
GAS  
ASSOCIATION

MEMBER OF



IGU  
INTERNATIONAL GAS UNION  
UNION INTERNATIONALE DU GAZ



**33<sup>RD</sup>** INTERNATIONAL SCIENTIFIC & EXPERT  
MEETING OF GAS PROFESSIONALS  
OPATIJA, CROATIA, 9 - 11 MAY 2018



## PRELIMINARY PROGRAMME

TUESDAY,  
MAY 8<sup>TH</sup>

Arranging of exhibition area  
Registration of participants

WEDNESDAY,  
MAY 9<sup>TH</sup>

Registration of participants

### Opening ceremony

Welcome adress / Welcome host speech on the proposed topics /Short presentations of renowned gas experts from gas companies, agencies and ministries

**INTRODUCTORY SPEECH: Natural Gas - Green Fossil Fuel and Key Transitional Energy Source of the 21<sup>st</sup> Century**

**1**

### INVITED PRESENTATIONS AND PANEL-DISCUSSION: “EFFICIENT GAS TECHNOLOGIES AND ENERGY STRATEGIES FOR A COMPETITIVE ECONOMY – TODAY AND IN THE FUTURE”

- Energy Strategy for the Competitive Economy – Today and in the Future
- Contribution of Power-To-Gas Technology to Cost-Efficient Energy Transition and Competitive Economy
- The Key Role of Gas Power Systems in a Changing Energy World
- Can Energy Transition be Used to Transform the Economy?

### Views from equipment manufactures:

- Vaillant: Integrated energy – New Ideas on Energy Management in Germany
- Viessmann: Efficiency plus – Energy Efficiency in the Practice
- WELCOME COCKTAIL & NETWORKING BREAK  
Sponsor: **SIEMENS d.d.**
- PANEL DISCUSSION: SESSION 1

**2**

### CONDITIONS FOR THE JUSTIFICATION OF APPLYING SMART TECHNOLOGIES IN GAS AND OTHER ENERGY SYSTEMS

- Experiences in the Application of the Built-In Ultrasonic Gas-Meters G-4 With Remote Data Collection and Remote Controlled Shut-Off Valve on the Distribution System Termoplín d.d. Varaždin
- New Technologies Drive Operational Performance by Connecting Smart Stations to Transmission and Distribution Networks
- The System for Remote Gas Quality Reading in the Gas Transport System of the Republic of Croatia
- DISCUSSION: SESSION 2
- PRESS CONFERENCE



- OPENING OF THE POSTER SESSION
- LUNCH BREAK

### 3

#### DEVELOPMENT OF THE GAS INFRASTRUCTURE IN THE REPUBLIC OF CROATIA

- Third Party Inspection on Validation of In-Line Inspection Service for Underground Line or Sea-Line
- New Main Gas Pipeline Zlobin – Omišalj DN 1000/100 bar
- Construction of a Compressor Station on the Transmission System of the Republic of Croatia, Activities on the Project
- Role of the LNG Terminal Krk in the New Sectors of Croatian Economy
- ROUND TABLE: Energy Saving in LNG Production
  
- DISCUSSION: SESSION 3

### 4

#### THE SOUTHERN GAS CORRIDOR, LNG TERMINAL, INTERCONNECTIONS WITH SURROUNDING COUNTRIES AND STABLE DOMESTIC PRODUCTION AS THE BASIS OF FUTURE GAS SUPPLY

- Gas Production Increase by Compressors From the Old Gas Fields „Podravina Deep“
- Possible Interconnections for Future Supply of Gas of the Republic of Serbia
- Gas Deposits of Eastern Mediterranean – Importance and Significance in the EU Energy
  
- DISCUSSION: SESSION 4
  
- NETWORKING COCKTAIL PARTY  
Sponsors: **IOT NET ADRIA Ltd. & Croatian Gas Center Ltd.**

THURSDAY  
MAY 10<sup>TH</sup>

### 5

#### INTRODUCTORY PRESENTATIONS AND PANEL-DISCUSSION: “ISSUES INVOLVING THE SUPPLY OF GAS IN A LIBERALISED MARKET”

- Balancing of the Gas Market, Role and Experience of Transmission System Operator
- Gas Supply In Terms of Complete Market Liberalization
- ROUND TABLE: Gas Trading in Central and Eastern Europe: Latest Developments



- PANEL DISCUSSION: SESSION 5
- COFFEE & NETWORKING BREAK  
Sponsor: **Gradska plinara Zagreb - Opskrba d.o.o.**

### 6 ISSUES IN THE GAS PROFESSION AND RESOLVING PROBLEMS IN REGULAR AND URGENT PROCEDURES

- Condition of Steel Gas Distribution System From Regular Maintenance and Urgent Interventions Point of View in Gradska Plinara Zagreb d. o. o.
- Evaluating Condition of Steel Gas Distribution System in Gradska Plinara Zagreb d. o. o.
- Revitalisation of the Onshore Gas Pipeline Kozarac-Struzec DN 200/50 With a Flexible Pipe
- Gasification of Dalmatia – Contribution to Development
- ROUND TABLE: OT Security, a Technical or Organization Challenge
- Methods of Extinguishing Fire Caused by Natural Gas
- DISCUSSION: SESSION 6
- LUNCH BREAK

### 7 INTRODUCTORY PRESENTATIONS AND PANEL-DISCUSSION: “DEVELOPMENT, POTENTIAL AND ISSUES IN USING GAS IN TRANSPORT – TODAY AND IN THE FUTURE”

- NIS J.S.C. Novi Sad Experience in Compressed Natural Gas Production and Sales
- Usage of Biomethane in the German Transportation Sector: Hurdles and Opportunities
- New Generation of LNG Vehicle Fueling Stations – From Designing to Commissioning – Technical Aspects of the Station Design
- Current Position of Gas in Transport in Comparison to Other Alternative Fuels in the Republic of Croatia
- ROUND TABLE: Make CNG Decompression Cheaper and Greener
- ROUND TABLE: IVECO Tehnology „Natural Power”
- PANEL DISCUSSION: SESSION 7 (60 min)  
Sponsor: **BENUSSI Ltd.**
- NETWORKING COCKTAIL PARTY  
Sponsor: **Croatian Gas Center Ltd.**



## PRELIMINARY PROGRAMME

FRIDAY  
MAY 11<sup>TH</sup>

### **8** VARIOUS ISSUES IN THE GAS AND ENERGY PROFESSION

- Influence of Time Drift on Accuracy of Gas Meters and Their Effects on Long -Term Behavior
- Using Modelica to Investigate the Dynamic Behaviour of the Piston Prover for High Pressure Natural Gas Flow Metering
- Influence of Energy 4.0 on the Security of Gas Supply
- DVGW Activities in the Field of Biogas /Injection of Biogas into Gas Supply Grids
- DISCUSSION: SESSION 8

### **9** TECHNICAL REGULATIONS, RULES OF THE PROFESSION AND CONSUMER RIGHTS

- Influence of Legal Regulation and Penalty for Development of the Geographic Information System and Problems Related to the Production of Project Documentation for the Construction Permit
- The Impact of the EU General Data Protection Regulation (GDPR) on the Gas Industry in the Republic of Croatia
- Balancing Privacy in Smart Meters Technology
- DISCUSSION: SESSION 9
- ORGANISER 'S CLOSING SPEECH

### POSTER SESSION OF VARIOUS FIELDS FROM THE ENERGY INDUSTRY

- Optimizing Sweeping Gas Rate, a Probable Opportunity for Flaring Reduction in 3<sup>rd</sup> Refinery of South Pars Gas Complex
- Operational Experience of High Pressure Acid-Gas Capture Technology
- Implementation of Law for Safety of Offshore Hydrocarbons Exploration and Exploitation in Real Life
- Studying About the Best Depth of Metal Gas Pipeline
- Blockchain Technology and Potential Use Cases in Plinacro
- Adaptable Consistency Model of Highly-Distributed Energy database for DSO Distributed System Operator
- Modernization of the Heat Exchangers by Transition to Natural Gas
- Liquefied Natural Gas (LNG) as a Fuel
- Small Scale Liquefied Natural Gas (SSLNG)
- Natural Gas Market and Prices in Europe
- Compressed Natural Gas in Transport



## PRELIMINARY PROGRAMME

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### MAIN PARTNER:



### SPONSORS:



### CO-ORGANISER:



### MEDIA PARTNERS:

