

June 14 th 14 ⁰⁰ -18 ⁰⁰ h	Vox Maris Grand Resort Costinesti, Transilvania Hall
Session WF 2:	ENERGY EFFICIENCY, ENERGY CONSERVATION. CONVERTING POTENTIAL INTO REALITY
WORKSHOP LA NIVEL DE FORUM	Eficiență energetică, conservarea energiei. Transformarea potențialului în realitate

Organizers: WEC/ RNC, ANRE (Romanian Regulatory Authority for Energy) and ENERGOBIT

Moderators:

- Elena Nekhaev, Director Technical Programme, World Energy Council (WEC)
- Emil Calota, Vice President ANRE
- Vasile Rugina, Scientific Director ICEMENERG, WEC/RNC Counselor

Invited Speakers:

- **Gabriele Brandl**, Austrian Energy Agency (AEA)
ISO 50001 Energy Management System on Municipal Level
- **Corneliu Rotaru** – Director, ANRE (Romanian Regulatory Authority for Energy)
Two years of implementation of the Energy Efficiency Law 121/2014 ; New NAPEE in 2017
- **Shruti Athavale**, Austrian Energy Agency (AEA)
Achieving Energy Efficiency: Energy Management Systems in Municipalities
- **Virgil Musatescu** (WEC-RNC), **Cristian Podasca** (ANRE), **Ioana Opris** (University Politehnica of Bucharest)
Controversial aspects raised by the implementation of the bonus scheme for the promotion of electricity generated through high efficiency cogeneration
- **Roland Hierzinger**, Austrian Energy Agency (AEA)
Smart Metering as an Enabling Technology - More than an Illusion?
- **Iuliana Lazar**, ANRE (Romanian Regulatory Authority for Energy)
Energy Efficiency in Romania – indicators, trends and policies
- **Jáchym Vohryzek**, Honeywell Advanced Solutions CEE
Process Data and Advanced Control Systems for Industrial Energy Management and Real-Time Energy Optimization
- **Vasile Rugina**, Counselor WEC/RNC, Scientific Director INCDE ICEMENERG
Considerations regarding Energy Efficiency Indicator
- **Daniela Marin**, Programme Director EBRD Romania
- **Alexandra Diala**, Executive Director ARPEE (Romanian Association for the Promotion of Energy Efficiency)
- **Roxana Patrascu, Eduard Minciuc, Horia Necula**, Professors, University Politehnica of Bucharest
Energy services opportunity for promoting the energy efficiency
- **Denis Tumuruc**, Deputy Director, Agency for Energy Efficiency Moldova
Energy efficiency policies implementation in Republic of Moldova
- **Horia Petran** – INCERC
- **Camelia Rata**, Executive Director Executiv, Asociația Orașe Energie România (Energy-Cities Romania Association)
*Covenant of Mayors, an European instrument in local energy decisions in Romania/OER
Promotion of high-efficiency cogeneration; progRESsHEAT/www.progressheat.eu project/ABMEE*
- **Carmen Neagu**, Chief Executive Officer of EnergoBit SA
- **Daniel Radut** – Director, CEZ Romania
Energy efficiency - strategic instrument for economic development

Basic Topics for Discussion:

- ❖ Enforcement of Law 121/ 2014 on energy efficiency; energy policy measures implemented and national energy efficiency programs drawn up;
- ❖ Increase of energy efficiency in the public sector (thermal rehabilitation of buildings belonging to public authorities, stipulating energy efficiency criteria in public procurements). Role of local administrations in view of increasing energy efficiency;

- ❖ Covenant of Mayors, an European instrument in local energy decisions in Romania;
- ❖ Enforcing modern energy management principles; national experience as concerns the enforcement of standard SR EN ISO 50001:2011, "Energy management system. Requirements and user's guide"; outcome;
- ❖ Promotion of high-efficiency cogeneration; progRESsHEAT/www.progressheat.eu project;
- ❖ Provision of high energy efficiency technologies, modern metering and control systems, as well as energy management systems in the industry;
- ❖ Development of the energy services market; energy services companies (ESCOs);
- ❖ Role of scientific research in increasing energy efficiency;
- ❖ Educating the public (and in particular the youth) in respect of energy efficiency concerns; role of schools, state institutions, mass-media;
- ❖ Role of fees, subsidies, financial and fiscal incentives;
- ❖ Energy efficiency costs.

Principalele teme de discuție:

- ❖ Modul de implementare a Legii 121/ 2014 privind eficiența energetică; măsurile de politică energetică realizate și programele naționale de eficiență energetică elaborate;
- ❖ Creșterea eficienței energetice în sectorul public (reabilitarea termică a clădirilor aparținând de administrația publică, introducerea criteriilor de eficiență energetică în achizițiile publice). Rolul administrațiilor locale în creșterea eficienței energetice;
- ❖ Convenția Primarilor, instrument European in orientarea energetica locala din Romania;
- ❖ Aplicarea principiilor moderne de management energetic; experiența națională privind aplicarea standardului SR EN ISO 50001:2011, „Sisteme de management al energiei. Cerințe și ghid de utilizare”; rezultate obținute;
- ❖ Promovarea cogenerării de înaltă eficiență; proiectul progRESsHEAT/www.progressheat.eu;
- ❖ Introducerea tehnologiilor cu eficiența energetică ridicată, a sistemelor moderne de măsurare și control, precum și a sistemelor de gestiune a energiei în industrie;
- ❖ Dezvoltarea pieței pentru serviciile energetice; companiile de servicii energetice (ESCOs);
- ❖ Rolul cercetării științifice în creșterea eficienței energetice;
- ❖ Educarea opiniei publice (și în particular a tinerilor) în probleme de eficiență energetică; rolul școlii, instituțiilor statului, mass-mediei;
- ❖ Rolul tarifelor, subvențiilor, stimulentele financiare și fiscale;
- ❖ Costul eficienței energetice.