



**FOURTH WORKING SESSION  
REALIZED AND PERSPECTIVE PROJECTS  
IN THE FIELD OF ENERGY  
AND ENERGY MANAGEMENT**

**Great Hall, Chamber of  
Commerce of Vojvodina  
Hajduk Veljkova 11, 21000  
Novi Sad**

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# STRATEGIC ENERGY CONCEPT-SHIFT ON REGIONAL ENERGY MANAGEMENT FOR ENERGY-EEE SOLUTIONS

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György Szügyi  
President,

National Association of Innovative Clusters  
Honorary Assistant Professor

# Energy types and handling them optimizing with coupling

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1. Energy point concept (in, out and storing points)
2. Topologically, geographically created system
3. Measuring concept for having the necessary data
4. Informatically integrated energy management
5. Remote control opportunities
6. Clever algorithms for users' comfort
7. Algorithms for professionals
8. Forecast and clever management with Artificial  
Intelligence

# System Planning for country-wide Efficiency, Effectiveness, Economical solutions

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1. Regional borders and Regional EEE with human, technical, energy, economy, environmental, legal aspects
2. Creating a responsible Team with key persons of the region with politicians, professionals, chambers, clusters, entrepreneurs and communities
3. Take care of nation-wide supersystem of optimised regional subsystems
4. National Plan with human, technical, energy, economical, legal aspects for Microgrid concept

# Strategic Education plan for Professionals and new competences they must have I.

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1. Goals of Energy consumption in EU comparing to 2020
2. Auditing engagement for technical requirements, measuring, data collecting (big data), system analysis, evaluating the system efficiency
3. Examination of bigger than 1000 m<sup>2</sup> non-residential buildings and feasibility checking of energy usage

# Strategic Education plan for Professionals and new competences they must have II.

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4. Country reports of investment in energy-efficiency including energy-efficiency contracts
5. Energy calls in national, regional and local level for reaching energy-efficiency outcomes
6. Aimed temperatures of efficient district-heating and district-cooling till 2050 for zero carbon emission on these systems
7. Regional Energy Engineers and their competences needed

# Energy Roles of Local Governance and Regional Organisations

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1. Teams in charge are responsible for their geographical and topological capabilities and connectivity (output and input connections) at the system borders
2. Teams in charge must be responsible for strategic mindset and optimisation of cooperative opportunities
3. Regional Energy Engineer roles as educated for the necessary competences in that profession. There have been encouraging experiences with the first class at Szeged University graduated.





**I am open to cooperate  
with any innovative  
initiatives!**

**György Szügyi  
President,**

**National Association of Innovative Clusters**

**Honorary Assistant Professor**

**euro@euromenedzser.hu**