DISTRICT HEATING BUSINESS ASSOCIATION “TOPLANE SRBIJE” (DHBA Serbia)

Dejan Stojanović
Director DHBA
Founding Act

• Founded on 4 April 1997 at the Assembly meeting in Kraljevo.

• The Founding Act was signed by 14 district heating system members.

• The aim of the Association is to: develop cooperation and business coordination programs, exchange experience and level the district heating prices criteria, act unanimously before ministries, chambers, associations and other institutions.

• Today, all energy entities that perform energy activities of production, distribution and supply are members with the aim of improving their business.

• Today, the development of district heating systems should be viewed strategically, through the prism of justified use of renewable energy sources, application of energy efficiency measures, environmental standards and development of the heat market with preparation for implementation of EU directives on the European path of the Republic of Serbia, taking into account security, climate and long-term sustainability of these systems.
Organizational chart of the association

- Assembly of the association
- Steering committee
- Director
- Professional service of the association
- Working groups for drafting acts
Assembly of the association

- The Assembly of the Association consists of:
  - representatives of the heating plants of the members of the Association with one member each,
  - representatives of companies and institutions according to the principle of 4 companies and institutions - one member and have --- 1 (one) vote,
  - one representative of the employees in the Association.
- The number of votes of the members of the Association in the Assembly is determined depending on the installed power of the heating plant, as follows:
  - Heating plants up to 20 MW -1 (one) vote;
  - Heating plants with power greater than 20MW to 40MW -2 (two) votes;
  - Heating plants with power greater than 40MW to 80MW -3 (three) votes;
  - Heating plants with power greater than 80MW to 120MW -4 (four) votes;
  - Heating plants with power greater than 120MW to 200MW -5 (five) votes;
  - Heating plants with a capacity of more than 200MW -6 (six) votes.
Steering committee Association

- The steering committee is the governing body of the Association.
- The steering committee has 14 members, namely: the President and Deputy President and 12 members.
- The members of the Management Board have their deputies.
- Members and deputy members of the steering committee are elected and dismissed by the Assembly of the Association.
- Members of the steering committee may be representatives of ministries and economic entities and NIS, on which the decision is made by the Assembly.
- The term of office of the members of the Management Board is four years.
District heating systems RS
Associate members of the association
Degree of connection and energy sources in thermal energy production in RS

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>Percentage of connection (%)</th>
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</thead>
<tbody>
<tr>
<td>Number of connected households</td>
<td>634.050</td>
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<tr>
<td>Number of households - city</td>
<td>1.315.096</td>
<td>48.20</td>
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<tr>
<td>Number of households - others</td>
<td>588.526</td>
<td></td>
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<tr>
<td>Total number of apartments (c+o)</td>
<td>1.903.622</td>
<td>33.31</td>
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<tr>
<td>Total number of RS households</td>
<td>2.497.187</td>
<td><strong>25.40</strong></td>
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</tbody>
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Emissions from DHS

- kgNOx: 10150
- tSO2/GJ: 6035
- tčestica: 500
- ktCO2: 1730
Specific consumption for heating in apartments

Specific consumption (kWh/m²,a)

- Slovakia: 104
- EU: 117
- Denmark: 137
- Austria: 143
- Croatia: 162
- Czech Rep: 172
- Hungary: 152
- Germany: 128
- France: 123
- Serbia: 129