Southeast European Electricity Market Monitoring Workshop

October 3-5, 2005 Athens Acropol Hotel Athens, Greece

Balancing Stakeholders' Interests in **Electricity Market Liberalization:**

A Viewpoint of Bulgarian Eligible Customers

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Liberalization in a complicated environment

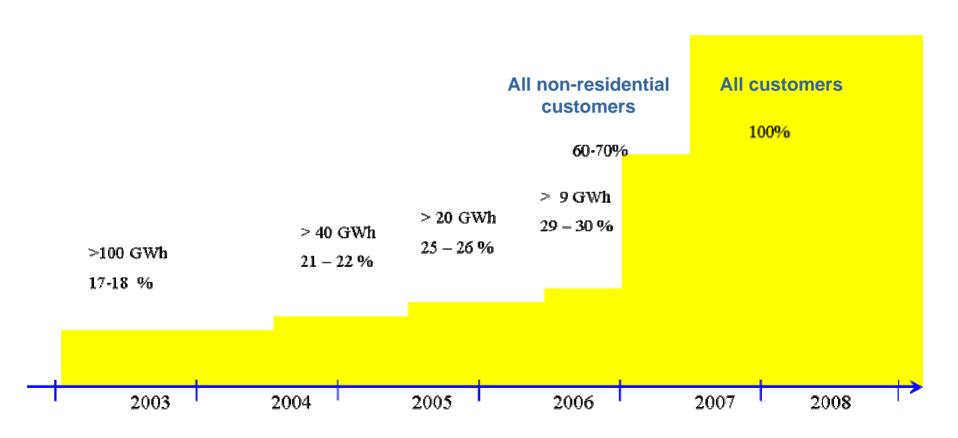
Energy Sector Reforms:

- Assets revaluation and restructuring
- Unbundling and rearrangements
- Utilities financial and corporate rehabilitation
- Ownership control transfers (privatization, BOT, etc.)
- Legal and regulatory relief design and harmonization
- Regulatory authorities capacity building
- Grid systems expansion and integration (electricity & gas, water & environment)
- Massive investments in rehabilitation and new facilities
- Market liberalization (fuels & emissions, electricity & gas)
- Market regionalization and European integration

Industrial Sector Reforms:

- Acquiring post-privatization ownership control
- Reengineering business processes and cost optimization
- Market survival, redirections and new positioning
- Substantial investments in rehabilitation and new facilities
- Environmental liabilities and imperatives

Electricity market stair over timeline



Substantial economic projections

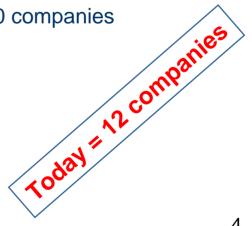
Eligible customers = the basic (large-scale) industries:

- Mining and industrial minerals
- Ferro- and non-Ferro metallurgy
- Fertilizers and chemistry
- Cement industry
- Pulp and paper industry
- Food processors and pharmaceuticals
- **Energy and transport**

Electricity market opening affected more than 30 out of the top 100 companies

Direct impact over 30% of the generated GDP

Direct price effect over 50% of the Bulgarian export



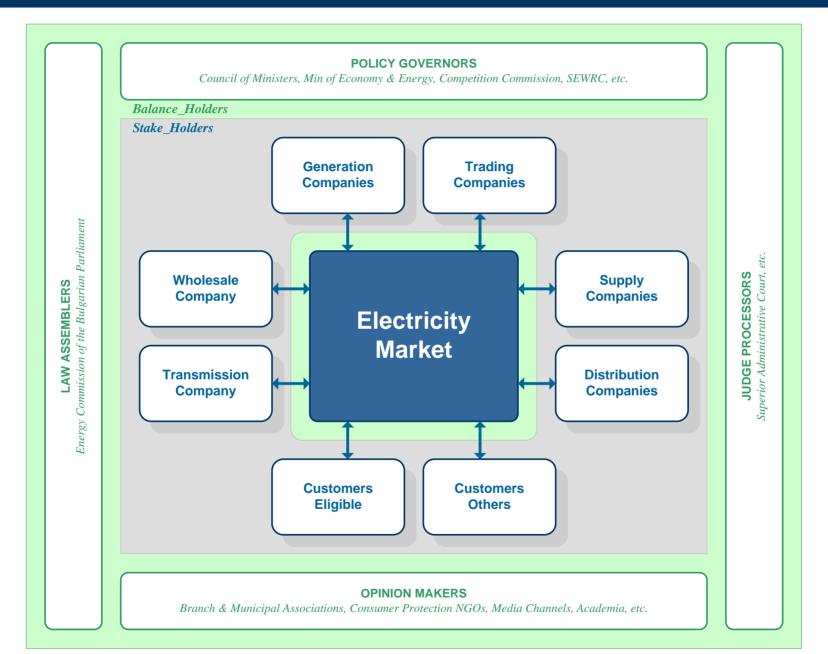
Stakeholders and Balancers

Assumptions (Stakeholders):

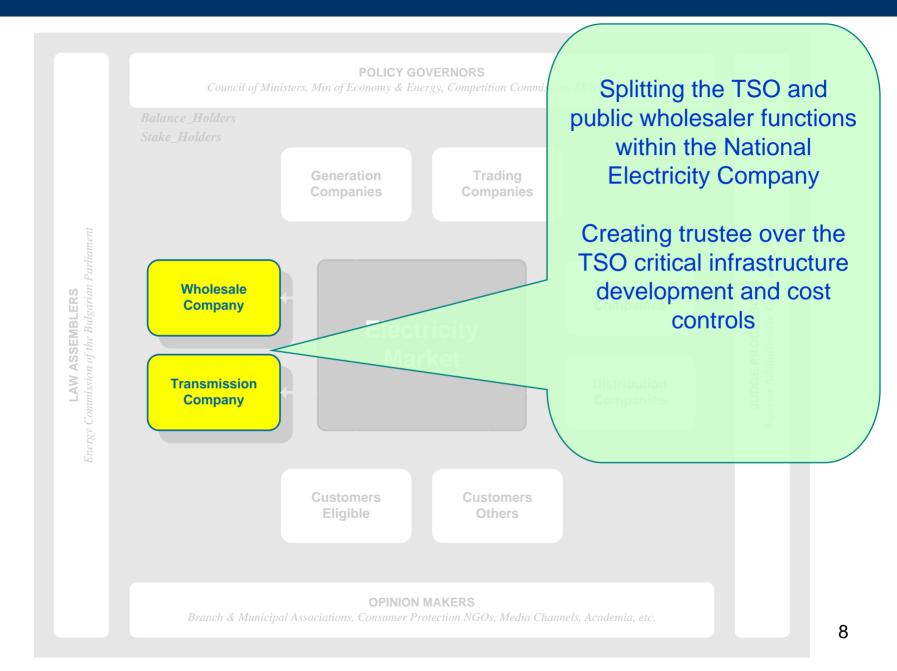
- Stakeholders as per legislation
- "Market but System", "Commercial but Grid Code"
- Fair access to system data and market statistics
- Equally positioned on the market sphere
- Fair system risk allocation and management
- Equally distanced from the regulatory body
- Transparency on "Rules of the Game" preparation process
- Rights but obligations and contributions to the market developments
- Necessity of a critical mass market players and expertise

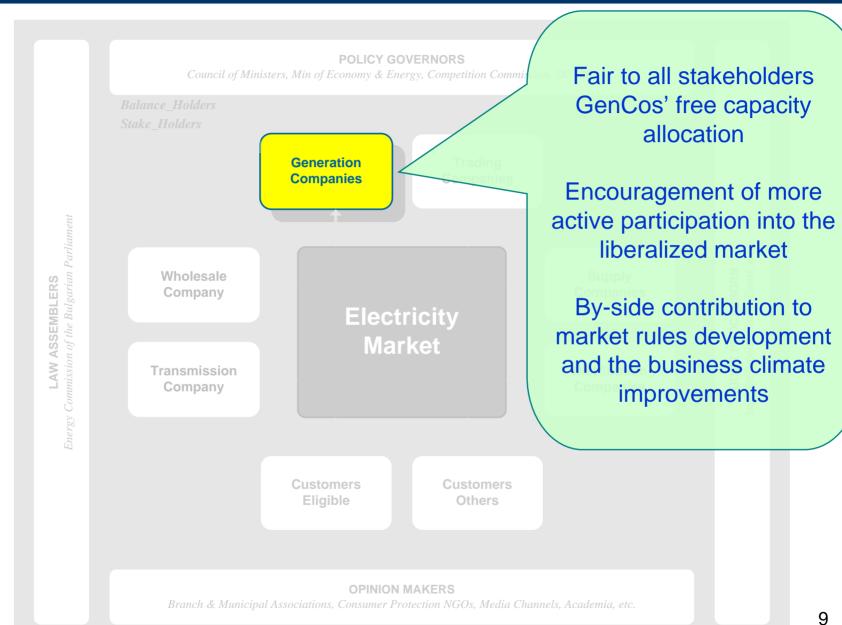
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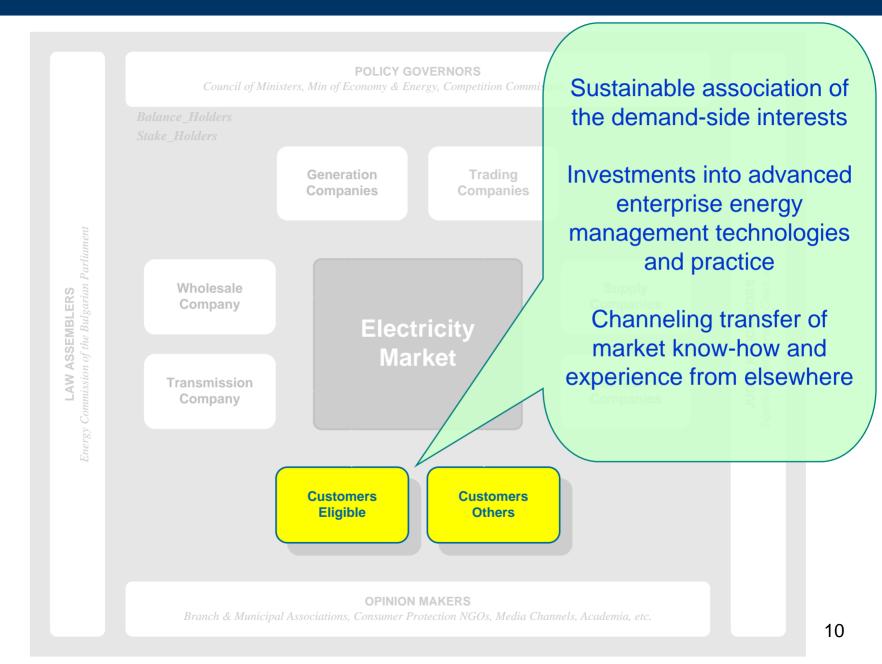
- Involvement of all the balancing parties
- Independence in inference and judgment
- Dependence of facts and knowledge
- Quality of services assurance

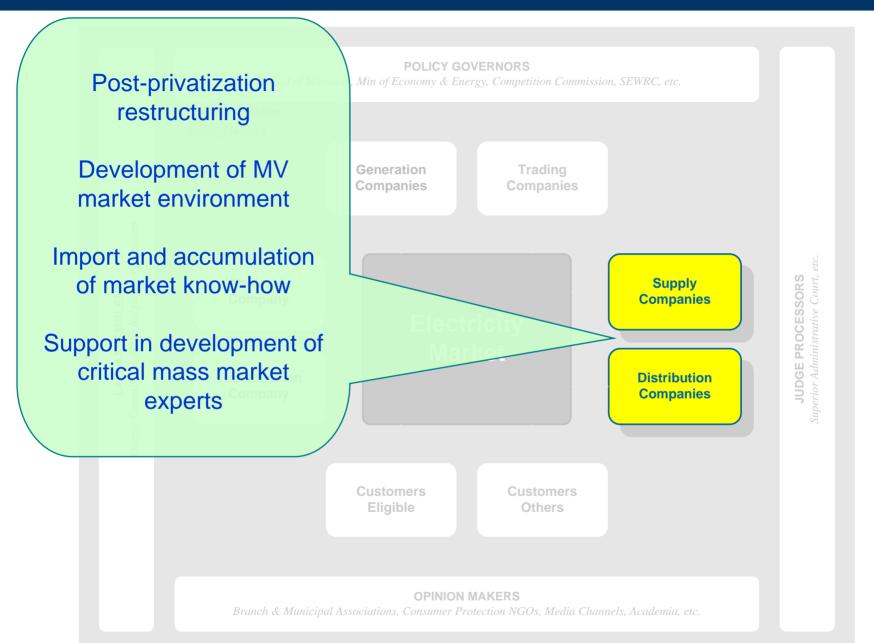


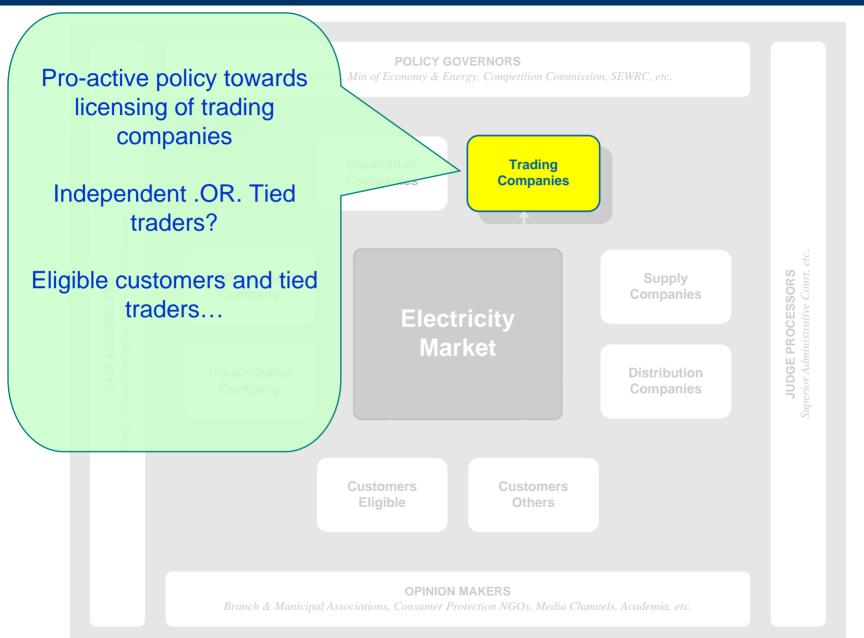
Quality assurance of **POLICY GOVERNORS** bilateral contracts Balanced market pricing model improvement **Trading** Companies Balancing groups model development JUDGE PROCESSORS
Superior Administrative Court, etc. Supply Companies Spot-market and Electricity **Electricity** exchange development **Market** Companies Sustainable integration into the SEE market Customers Customers Eligible **Others OPINION MAKERS**

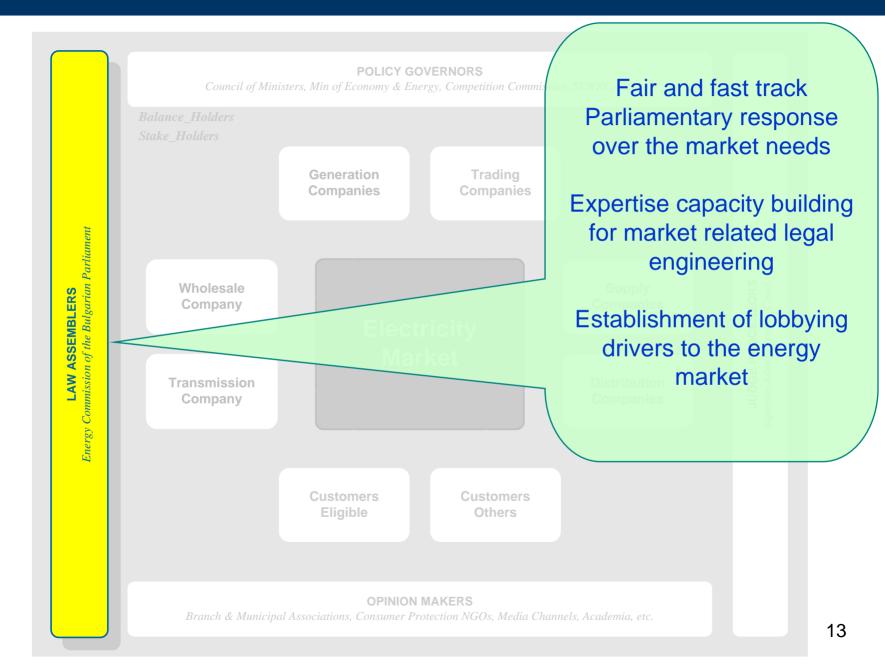


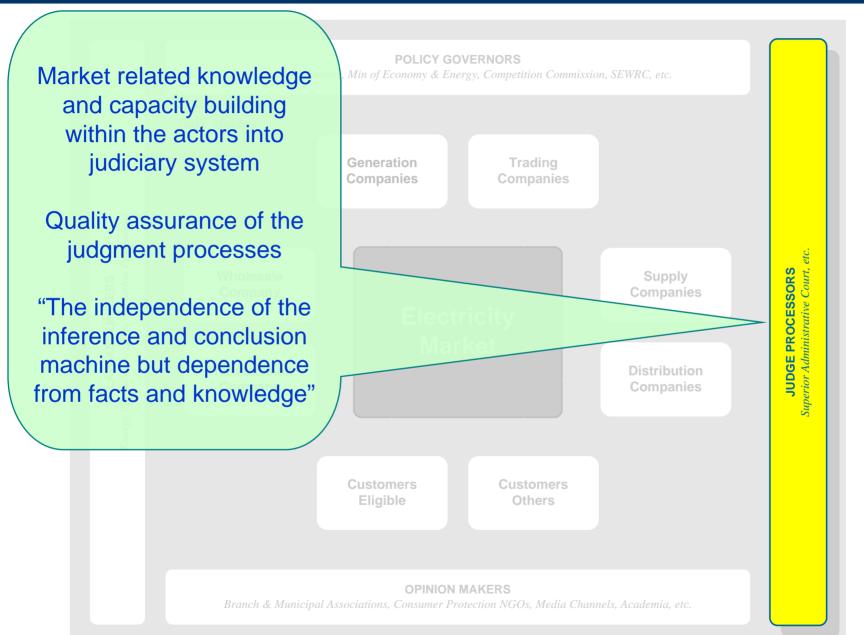


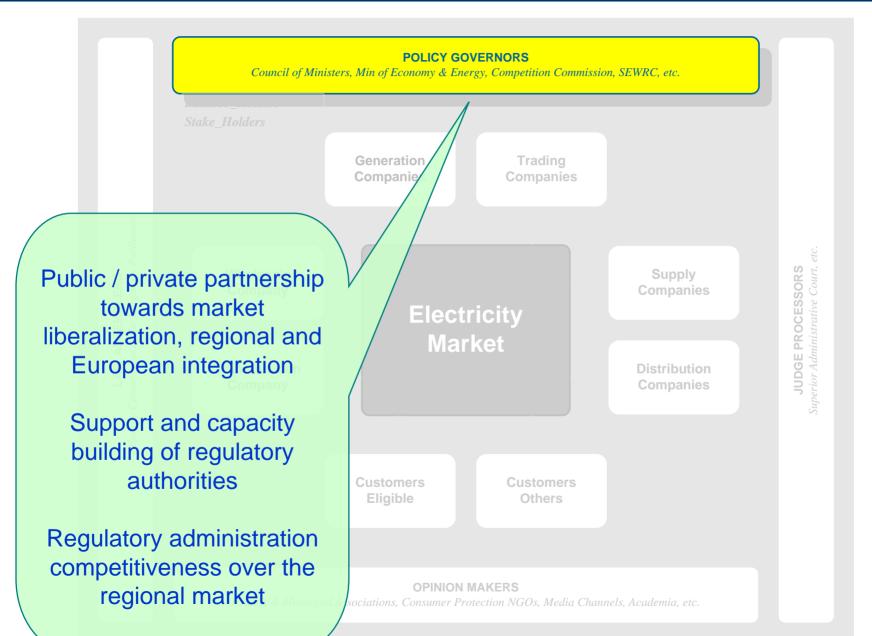


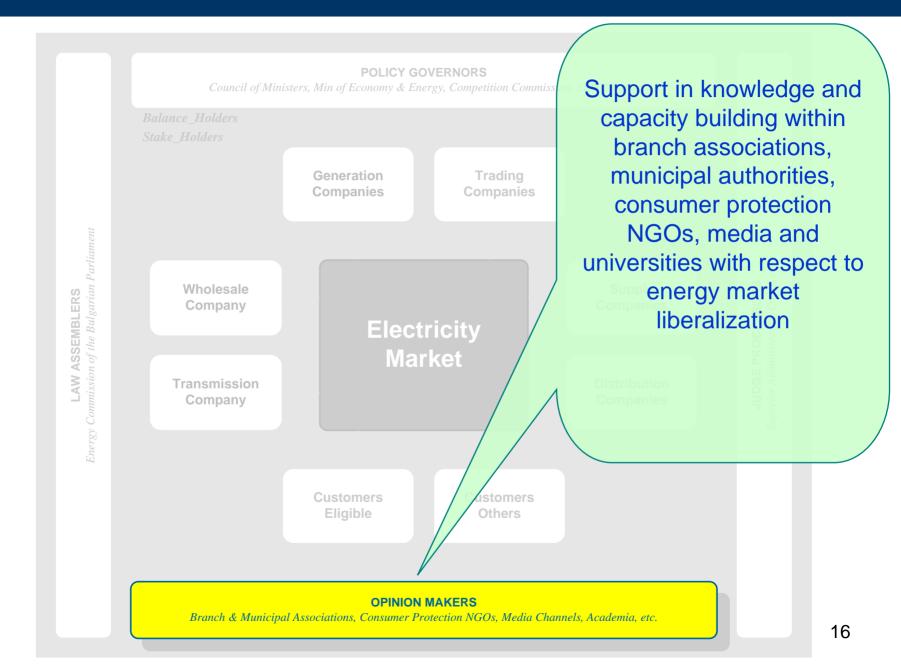












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