



# **Status-quo of Hydrogen Utilisation in NG COM Member Countries**

**Roundtable input by the Republic of Moldova**

Denis Vasiliev,

National Agency for Energy Regulation



# Policy Level

---



*Does your country/organization have a strategy regarding hydrogen? If the strategy is in place please outline its main elements.*

- *What are the main incentives and what sectors do they address?*
  - *The need for raise energy security levels and diversification of fuel sources.*
- *Are there any targets set to achieve in the nearest future?*
  - *Although the current "National Energy Strategy 2030" does not contain provision regarding the use of hydrogen in the national energy mix, the draft "National Energy Strategy 2050" does so (at first as use of blended hydrogen within the current natural gas transport infrastructure and eventually possible development of own green hydrogen generation capacities.*
- *Please list the responsible institutions*
  - **The Ministry of Energy** (energy strategies, frameworks, policies and programmes);
  - **National Energy Regulator** (regulatory frameworks and decisions);
  - **System operators** (regional TSO operational agreements, system operation protocols, network codes).

# Regulatory Level

---



- *Are there any plans to develop the Hydrogen Market and/or the Regulatory Framework?*
  - *The regulatory framework is going to be developed in lock-step with the primary legislation provisions (currently there are but two aspects in the law – determination of the share of hydrogen as a renewable source and monitoring of the origins of the renewable energy product.*
- *What has been the level of exposure of the regulator towards hydrogen?*
  - *Minor at this point, since the main burden falls on the central government authorities, and the national legal framework has not yet been updated/adapted with regards to hydrogen use.*
- *Are there any completed or ongoing tasks/milestones?*
  - *Not at this time, however the aforementioned documents might be developed in the near future within the joint Energy Community framework umbrella and future regional cooperation agreements between countries concerning hydrogen fuel sources.*

# Industry/Market Level

---



- *Are there any Pilot Projects developed or in development?*
  - *Not at this time. (however the Law on energy nr.174/2017, does provide criteria for evaluating projects involving renewable energy sources, hydrogen included);*
  - *A possible near future development could be the signing of a memorandum between Romania and Republic of Moldova, involving technical cooperation for the future use of blended hydrogen within the existing interconnecting natural gas transmission network.*
- *What is the general interest in developing hydrogen networks/markets in your country from the supply side and how many companies have been involved (in rough terms)?*
  - *Currently the general interest in developing hydrogen networks/markets is limited by the technical and financial possibilities of the country itself. However, given the recent country's push country towards diversifying energy sources and the common agenda at the Energy Community level to introduce hydrogen into the countries' energy mix, these developments could come sooner than expected.*



**THANK YOU  
FOR YOUR ATTENTION!**

[dvasiliev@anre.md](mailto:dvasiliev@anre.md)