



Specific interests of the stakeholders

- Gasunie will in particular focus on:
 - Facilitating the growth of green gas along the whole value chain, including certification, in both the Netherlands and Germany. Cross-border cooperation to develop green gas production elsewhere will also be sought. Innovation will be stimulated for large-scale production technology by gasification of biomass.
 - Optimising the strengths of the gas and power value chain by developing energy storage systems such as the power-to-gas concept.
 - Unlocking the potential of LNG for the transport sector through making LNG available as a clean fuel for small/mid-sized ships and heavy duty trucks.

- Fluxys Belgium will focus on:
 - Developing small scale LNG in the transportation sector (trucks, ships);
 - Developing CNG in the transportation sector (cars, trucks);
 - Reducing CO₂ and NO_x emissions of its gas infrastructure;
 - Contributing to the development of green gas and power-to-gas through R&D projects.

- Energinet.dk will in particular focus on:
 - Facilitating developments that ensure 5% of the Danish gas consumption is covered through renewable gasses in 2020. This requires changes in the market setup and in the rules for the gas system.
 - Facilitating developments that ensure that the Danish gas consumption in 2050 can rely only on renewable gasses. This requires integration between the power, gas, heating and transport systems - as well as further regional development of markets and certification schemes.
 - Ensuring that the market setup, the rules for using networks, the tariffs and other framework conditions facilitate the integration of renewable gasses.
 - Coordinating and analyzing DSO and TSO network development in order to support production and consumption of renewable gasses in relevant sectors.

- Ensuring that future smart grid development also focuses on integration of the energy systems: power, gas, heat and transport.
- GRTgaz will in particular focus on:
 - Actively promoting the image of gas, its evolution towards renewable gas and the role of the gas network to support the energy transition using the opportunity of the French “Energy transition debate” ending this year to increase political and public awareness.
 - Supporting the injection of biomethane in the gas transmission grid with first injection in 2015 and an objective of 1 TWh by 2020.
 - Supporting the development of power to gas concept developing a pilot project in France and carrying economical studies to demonstrate the economical viability of the concept, extending the economical analysis to all types of renewable gas to assess the cost of the evolution towards a 100% carbon-neutral gas supply.
 - Promoting CNG in the transportation sector.
- Swedegas will concentrate on:
 - Increased injection of biogas into the transmission system – enabled by an improved policy framework for large scale biogas production, distribution and usage.
 - 20% biogas in Swedegas transmission system by 2020 and 100% by 2050. Exploring the opportunities for Power to Gas, i.e. utilising any synergies of available renewable electricity for a more sustainable, robust and efficient gas market.
 - A Power to Gas demonstration plant available in Sweden within 3 years.
 - Bring small scale LNG to shipping, industries located outside the gas grid and transportation sectors so as to allow their transition from oil and coal, and where possible, also look for synergies for regional development, such as local grids which benefits are made available for several utilities.
- Gaznat will in particular focus on :
 - Actively supporting research in the field of carbon capture/storage. As such, Gaznat (through its subsidiary Petrosvibri) sponsors a chair of geo-engineering at the Swiss Federal Institute of Technology in Lausanne.
 - Actively supporting research in the manufacture of synthetic fuels and chemical products from CO₂. Gaznat sponsors a chair of geo-energy and carbon chemistry at the Swiss Federal Institute of Technology in Lausanne.
 - Contributing to the development/implementation of biogas injection projects into the gas grid, and potentially also into the transportation networks.
 - Participating in power-to-gas pilot projects. Gaznat (through Swissgas) has an ownership interest in the power-to-gas unit in Falkenhagen, Germany.
 - Developing and promoting CNG-Mobility with regards to both infrastructure and vehicles.
- ONTRAS will focus on:
 - Facilitating developments that help to increase the production of biogas and biomethane e. g. supporting biogas plant operators to connect their plant directly to the pipeline network. Recently, ONTRAS operates 19 biogas feed-in plants feeding up to 155 mio m³/a into its network, among them Güstrow, the largest facility of its kind in the world with annually up to 46 million m³ of biomethane.
 - Contributing to the interoperability of gas and electricity networks by putting great effort into the development of power-to-gas projects. Two power-to-gas facilities feed hydrogen into the ONTRAS network. A third one is currently in the planning stage.

- Promoting the use of CNG and biogas in the transportation sector. Developing the opportunities of technical services along the whole value chain of CNG and biogas to facilitate the growth of green gases before 2020.
- Optimising the rules for using networks for developing a better market integration between the electricity and gas markets before 2050 in order to improve the market integration of renewable energy
- Enhancing dialogue and knowledge exchange across national borders to promote the role of green gas-related topics and develop future joint codes and standards.