

26th World Gas Conference

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Smart Energy Grid aspects related to Gas

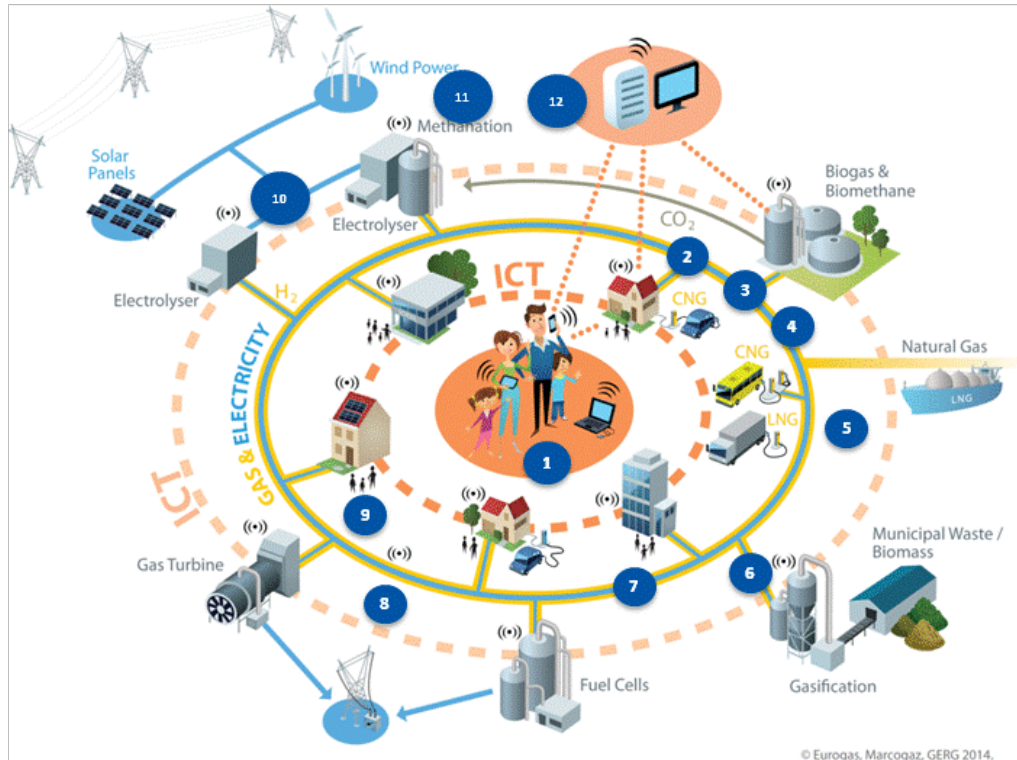
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Report Marcogaz – Eurogas – Gerg -- Conclusions

- Our energy system begins with the consumer...
- Renewable electricity is critical...but incomplete...
- Gas grids allow for more of this renewable energy...
- Information & Communications Technology enables interaction & integration...

Projects references



1. [Opower E.ON](#)
2. [BioNGV in France](#)
3. [DST, Gava, Biomether LIFE+, Injection of biomethane in the grid, Bionet, Gontrand](#)
4. [ACFA Pinerolese – Biomethane service station \(project\)](#), [ACSM-Primiero biomethane service station \(project\)](#)
5. [STIGS](#) (Short Term Infrastructure for Gas Storage), Montoir, Blue Corridor
6. [Gothenburg gasification project SE](#)
7. Greenlys for piloting bi-energy devices
8. [Pilot Zutphen sensing Pressure, Flow and temperature, Pirate robot](#), Use of radar satellite to observe ground settlement, [Using sensor technology to monitor the network](#), CHARM airborne gas detection, Drones to survey the pipes, [EDGAR in the NL](#), TEX project (monitoring and management tools), [Micro Wobbe meter](#), [Dynamic Pressure Control](#), [Study of bi directional city gate](#), [Cooperation of DSOs and TSOs to optimize the usage of linepack](#)
9. Use of gas fired heat pump for cooling (climatistion), [ene field projet](#), Heat4you (EU), [Energy hub - Veenendaal Oost](#), [Smart Power city Apeldoorn](#), [PowerMatching City](#)
10. [Falkenhagen, Frankfurt](#), GRHYD (H2), AMELAND, [Smart Country Bitburg-Prüm in Rheinland-Pfalz](#)
11. [Wertle \(Audi E-Gas\)](#), P2G Rozenburg
12. [Energy in the Picture \(Energie in Beeld\)](#)

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