**Biogas – New Valorization Strategy**

**Team Biomethane**
- Coordination by Biogas-E in Flanders
- Knowledge centers, companies and organisations
- Publication of the first note “Biomethane potential in Flanders” - January 2014
  - Input based on stakeholder interaction and brainstorming
  - Team Biomethane strives for a legal framework for the use of green energy in the natural gas grid

**Financial Support**

**Flanders:**
- “Call Green Heat” (VEA, Flemish Energy Agency)
  - Applications for financial aid for installation, production and injection of biomethane
  - Investment subsidy subject to a number of preconditions
  - 2 projects submitted – 1 received approval

**Wallonia:**
- Warranty of Origin (WO)
  - Working group
  - No direct support for biomethane production
  - Indirect support via warranty of origin (wo) mechanism as defined in the legislation
  - 3 projects on the table – basis for level of support

**Belgium: No Biomethane plants so far**

**Belgian Biomethane Knowledge Centers**

**European Biogas/Biomethane Industry**

**Biogas/Biomethane Plants in Europe**
- 15 000 Biogas plants all over the Europe
  - ~15 000 000 000 m³ methane produced in 2014
- 8 000 MW installed power in CHP (Combined Heat and Power) installations
- 300 Biomethane plants
  - in AT, CH, DE, DK, ES, FR, FI, LX, NL, NO, SE, UK
  - ~1 000 000 000 m³ biomethane produced

**Biomethane Technical Potential**

**Resource Potential**

- Woody Biomass: 66
- Herbaceous Biomass: 11
- Wet biomass residues: 26
- Energy crops: 148-143
- Total: 151,246

**Green Gas Grid Project, 2013 European Biomethane Roadmap Maximal technical potential**

- Woody Biomass (46%)
- Herbaceous Biomass (7%)
- Wet biomass residues (17%)
- Energy crops (32%)

**Biomethane Opportunities**
- Multiple use, including motor biofuel
- Use of natural gas distribution and storage systems
- New geographical and commercial dimensions
- Possibility of cross-border transactions
- Biomethane in transportation