Producing renewable energy and organic fertilisers in a circular economy

Nicolas de la Vega
Policy officer
2nd of December 2015
Brussels
What is EBA

- Brussels-based non-profit industry association founded in 2009
- Covers biogas, biomethane and digestate from anaerobic digestion
- Well-established network for AD companies, national associations and researchers in 28 European countries
- Member of EREF and EUFORES, co-operation with renewables and waste management associations
Anaerobic digestion in Europe

Source: EBA report 2014
Energy production in 2013

- **7,8 GW** Installed electrical capacity
- **47,5 TWh** Generated electricity
- **48,7 TWh** Thermal energy production

Electrical and thermal power from biogas in Europe = Consumption of 5.4 Mio households (Belgium + Slovenia)

Source: EBA report 2014
AD – Linking Circular Economy and Energy Union

- Waste management
- Nutrients recycling
- Clean air

- Bio-fertiliser (Digestate)
- Transport fuel
- Electricity
- Heating

- Energy independence
- Rural development
- Jobs
- Investment and growth
Towards a circular economy - EBA Policy recommendations

Digestate and waste in EU legislation

• Strong Waste Framework Directive fostering recycling
• Revised Fertilisers Regulation – Turning waste into products
• Digestate out of REACH registration
• Waste and ABP legislation – remove overlap for manure

Renewable energy policies

• Ambitious new Renewable Energy Directive (post 2020)
• Introduce adequate sustainability criteria for biomass
• Have functioning carbon market and targeted ETS funds

Source: EBA report 2014
Thank you

European Biogas Association

Renewable Energy House
Rue d'Arlon 63-65
B - 1040 Brussels

+32 24.00.10 – 89
info@european-biogas.eu
www.european-biogas.eu