



IEA Bioenergy Task 37

# Country Report

April 2017

*Austria*



# Biogas Plant Inventory

Summary of AD Plants: *Number of plants and gas produced expressed as GWh*

Plant type	Number of plants with electricity generation	Energy production (GWh/year)*
Waste water treatment plants and landfills	39	18.6
Agriculture and biowaste	291	558.9
<b>Total</b>	<b>330</b>	<b>570</b>



## AD incentives

19,50 Cent / kWh up to 250 kW<sub>e</sub>,

16,93 Cent / kWh from 250 - 500 kW<sub>e</sub>

13.34 Cent / kWh from 500 - 750 kW<sub>e</sub>

12.93 Cent / kWh for higher than 750 kW<sub>e</sub>

+ 2 Cent / kWh if biogas is upgraded

+ 2 Cent / kWh if heat is used efficiently

It is required that a minimum of 30% manure is used as a substrate to get the feed-in tariff. If organic wastes are used, the feed-in tariff is reduced by 20%.

Older biogas plant, where subsidies are running out, can apply for a longer subsidising period, in total 20 years. Furthermore, a supportive measure for existing plants (built before 2009), up to 4 cent/kWh<sub>e</sub> can be granted for securing substrate provision, in 2013 it is 3 cent/kWh<sub>e</sub>



## Legal situation

End of incentives for electricity grid for old plants

No new law available, we wait that law passes the parliament

Trends in numbers of AD Plants:

- Expecting of reduced amount of biogas plants due to economical situation (2017 10 plants stopped operation)



# Upgrading plants

Data	
Amount of plants	13
Feedstock	Crops, waste, etc.
Size	150-1400 m <sup>3</sup> raw gas / h
Capacity	~ 12.84 GWh



## **AD strategy**

National Strategy/Support for Exploitation of Biogas:

**There is no national strategy!**



# Research activities

Research Activities:

## **International projects**

- MyToolBox: Mycotoxins in AD

## **National projects**

- NiMem: Nitrogen recovery via membranes
- Underground Sun Conversion
- Slautherhouse waste digestion