EU Farm to Fork strategy – The way forward

Marco Giacomazzi
Policy Officer
European Biogas Association
About the European Biogas Association (EBA)

- 40 National Biogas Associations and
- 130 companies, research institutes, financial institutions, etc.
- +30 countries in Europe and beyond and over 7,000 stakeholders covering the whole supply chain.
- Representing the biogas industry in Brussels since 2009
Biomethane embedded in the European bioeconomy

- Environment and health
- Sustainable transitions
- Economic growth
- Environment
- Agriculture
- Energy
- Industry
- Transport

- Biodiversity – ecosystems
- Land use
- Soil fertility
- Water and ocean protection

- Air pollution
- Climate change adaptation
- Climate change mitigation

- Social well-being
- Air and climate
- Biomethane
Effect on circular cities

Feedstock for biogas production:
- Organic waste from households
- Industrial/commercial organic waste
- Sewage sludge from industrial/municipal wastewater
- Animal/plant residues
- Cover crops

Delivery to plant by local waste trucks

Anaerobic digestion (biogas)

Electricity and heat production with cogeneration

Use of digestate (biogas by-product) as biofertiliser in agriculture

Biomethane as renewable fuel available in refuelling stations for clean local mobility

Electricity/heat for households and public buildings

Biomethane injected in natural gas grid

Upgrading (biomethane)

CIRCULAR MUNICIPALITY CONCEPT
Availability of sustainable feedstock

Europe’s biogas and biomethane potential for 2030, 2040 and 2050, as calculated by the various studies, expressed in bcm and TWh

- **Current production (2019)**: 18 bcm / 193 TWh
- **CE Delft (2030)**: 44 bcm / 467 TWh
- **Eurogas (2030)**: 35 bcm / 375 TWh
- **Gas for Climate (2030)**: 35 bcm / 370 TWh
- **Gas for Climate (2050)**: 95 bcm / 1,008 TWh
- **Cerre (no timeframe given)**: 124 bcm / 1,316 TWh
- **IEA (2040)**: 125 bcm / 1,326 TWh

The AGRI and ENVI Committees of the European Parliament adopted the draft Report on the Farm to Fork Strategy on 10 September 2021. Compared to the initial draft, the final amended Report is significantly longer and more ambitious, containing 144 paragraphs as opposed to 27. The European Parliament will vote on the Report in Plenary on 19th October 2021.
According to the document that can be downloaded from the European Commission website, all EU member states have very different goals and definitions of “sustainabile food system” and the existing Regulations and Directives covers only aspects related to food safety and consumers’ interests.

The new initiative will aim to:

- Providing common goals and definitions
- Encouraging to place on the market more sustainable food alternatives
- Encouraging consumers to switch to healthy diets, especially plant-based
- Reducing food waste
- Triggering global cooperation

A public consultation is planned for the first quarter 2022. Commission adoption is planned for the fourth quarter 2023.
**EU Food Waste Reduction Target**

**Step 1** would consider different scope and the way in which the targets are measured, expressed and set.

<table>
<thead>
<tr>
<th>Scope</th>
<th>Expression</th>
<th>Setting</th>
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<tbody>
<tr>
<td><strong>Option 1</strong></td>
<td>target covering the whole food supply chain, from farm gate to final consumer</td>
<td>target expressed as % of food waste reduction from the amount of food waste in the baseline year (2020) to target year (2030)</td>
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<td><strong>Option 2</strong></td>
<td>target covering only selected stages of the food supply chain</td>
<td>targets expressed as absolute amounts, i.e. in kilograms per capita per year to be achieved by 2030 (per country).</td>
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<td><strong>Option 3</strong></td>
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Step 2 would compare the following options:

- Option 1 (basic): to reduce food waste in the EU by 15-25%
- Option 2: (medium): to reduce food waste in the EU by 25-35%
- Option 3: (advanced): to reduce food waste in the EU by 40-50%.

A public consultation is planned for the fourth quarter 2021. Commission adoption is planned for the second quarter 2023.
Thank you!

European Biogas Association

Renewable Energy House
Rue d’Arlon 63-65
BE - 1040 Brussels

+32 24.00.10 – 89
info@europeanbiogas.eu
www.europeanbiogas.eu