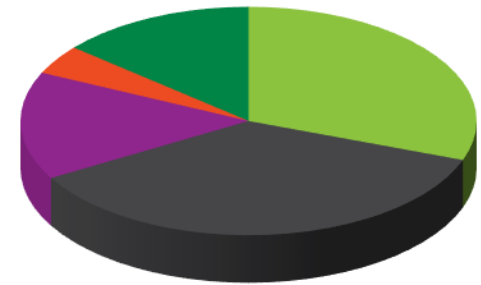


# European Compost Network

## Status of ECN Membership

- 72 Members from 27 European Countries
- ECN represents more than 3.000 treatment plants (composting and anaerobic digestion) with more than 30 M tpa treatment capacities
- Compost production of 12-15 M tpa, used as
  - Organic Fertiliser
  - Soil Improver
  - Mixing component in Growing Media



- Biowaste Organisations (22)
- Companies (26)
- Academic Institutes (11)
- Governments (3)
- Non-profit Environmental Organisations (10)

# Resource Potential of Bio-waste - Compost and Digestate

## Input materials



Food waste



Garden waste



Crop residues



Manures

Photo: ISWA 2015

## Resource potential of biowaste

- 125 Mio t bio-waste
- 50 Mio t compost
- 11,4 Mio t Organic matter
- 455.000 t Nitrogen (N)
- 390.000 t Potassium ( $K_2O$ )
- 227.500 t Phosphorus ( $P_2O_5$ )

## Product application

- **Agriculture:** organic fertilisers and soil improver
- **Horticulture:** replacement of peat in growing media
- **Environment:** carbon sequestration and saving of primary resources

# Fertilising Product Regulation – Circular Economy

- **General support** on the objectives of the new Fertilising Product Regulation
- **Boosting organic recycling** by integration of organic fertilising products (compost and digestate)
- Introducing harmonised EU rules as **quasi end-of-waste criteria** for products diverting from organic waste materials
- **Creating access** to CE marking and **free trade** for **recycled organic fertilising products** across EU through introduction of **quality assurance** procedures



# ECN Position – New Fertilising Product Regulation

## Aspects for further considerations

- **Lack of harmonised criteria** for all ‘Product Function Categories’
  - Inorganic fertilisers – organic fertilisers - liming materials – soil improver - growing media
- Need for a **specific input list** for compost and digestate
- Suitable **treatment process requirements** are needed, Animal By-Products Regulation versus proposal for Fertilising Product Regulation



Download ECN Position:  
[www.compostnetwork.info](http://www.compostnetwork.info)



# Further Information

Thanks for your attention!

Further information

- Factsheets
- ECN News
- Country reports
- ECN-QAS Manual

**ECN NEWS**  
2016/01

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**FROM THE EDITOR**  
**ECN'S NEW CORPORATE**

Since ECN's inception in 2002, we have established a solid reputation within Europe, based upon our expert knowledge and extensive network of members. Our new logo has been unveiled at the annual meeting in May, with the aim of strengthening our leading position in industry work.

The original 'spiral leaf' logo has been our main visual identity, and we are looking forward to the new look of our logo. ECN's board agreed that a new logo should be designed to better represent the ongoing activities after the introduction of the new logo was agreed.

**ECN'S FACTSHEET**  
**Biowaste Generates**

ECN's recently published infographic illustrates environmental potential across Europe in biowaste processing sectors. It served as a policy-making, politicians and non-technical stakeholders, and shows that by ensuring the bio-fraction of biowaste that is currently not utilized, an additional 60,000 jobs could be created.

The infographic has been developed for ECN members to use, and has been designed using the most significant data from ECN's extensive data base. It also includes a list of biowaste processing companies in Europe, and a list of biowaste processing companies in Europe, and a list of biowaste processing companies in Europe.

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**ECN FACTSHEET**  
**BIOWASTE GENERATES JOBS**

**TOTAL WASTE** 100%  
 66.6% utilized  
 33.4% potential biowaste in 2016/2018/2020 per capita  
 100% regular waste

**TOTAL BIOWASTE** 33.3%  
 66.6% utilized  
 33.4% non-utilized potential biowaste

**POTENTIAL OF BIOWASTE... GENERATES...**  
96 Mt → 70,000 jobs

**THE POTENTIAL BIOWASTE THAT IS NOW UNPROCESSED... WOULD ADD...**  
96 Mt → 52,000 jobs

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**ECN FACTSHEET**  
**BIO-WASTE: THE VALUABLE ORGANIC RESOURCE IN A CIRCULAR ECONOMY**

Life on earth is dependent on carbon and nutrient cycling. Ecosystems rely upon the availability of organic and inorganic matter for assimilation by living organisms. Organic materials are decomposed and humified to accumulate organic matter in soils. Mineralization and humification processes represent the most important processes in the soil carbon cycle. During decomposition nutrients and carbon gets available for plants, animals and microorganisms and are incorporated in the soil organic matter pool. Besides the continuous delivery of carbon and nutrients, soil organic matter improves the soil structure through increasing the water holding capacity and increasing the living conditions for all organisms in soils.

Humans set the natural balance of the soil carbon cycle under stress by intensive use of land, harvesting plant material for food, feed and other applications. Mostly, the residues of these activities end up as 'bio-waste'.

**BIOLOGICAL CYCLE IN THE CIRCULAR ECONOMY**

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