



WASTE SEGREGATION AND SUSTAINABILITY **– ORGANIC WASTE**

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THEMES

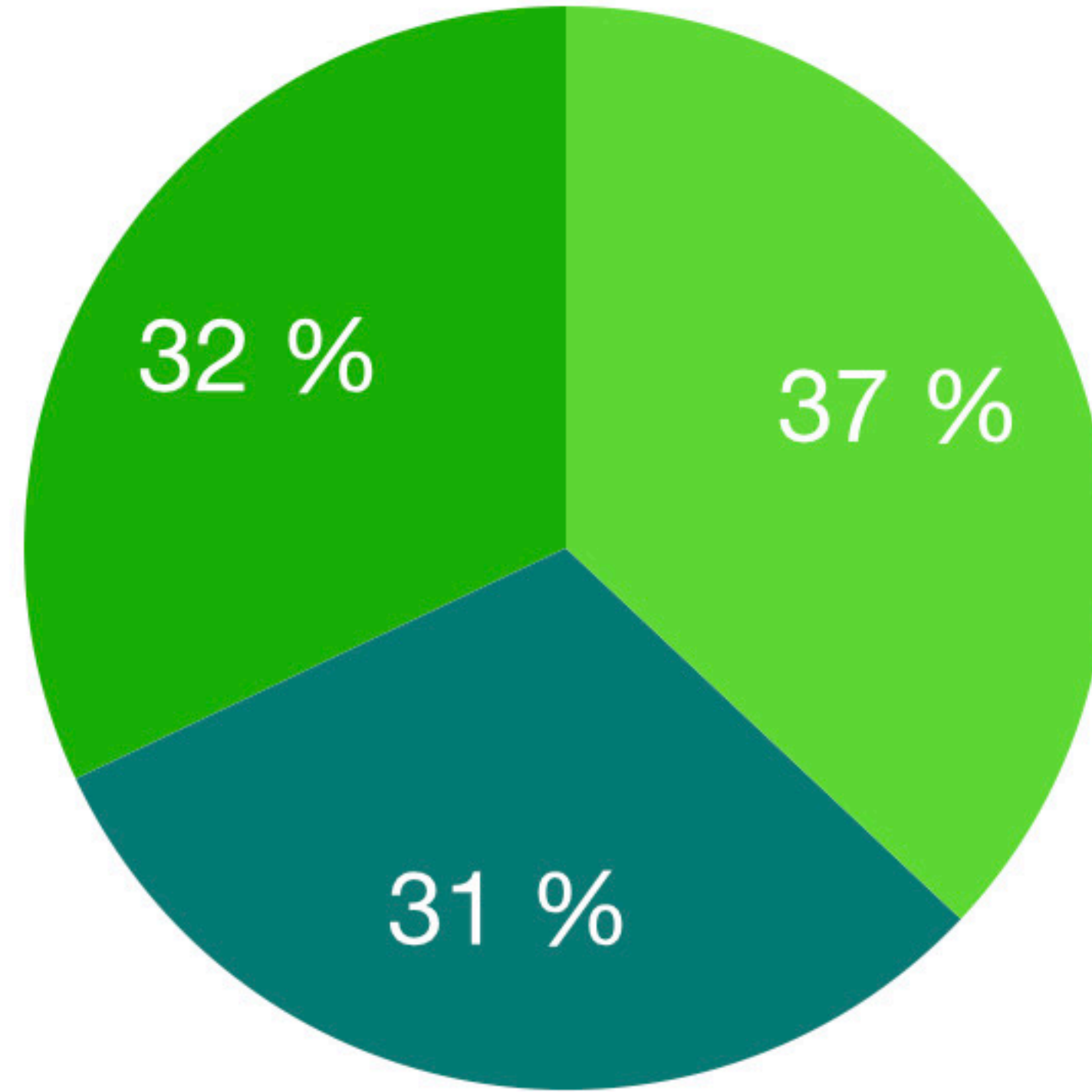
1. What are the main problems caused by organic waste?
2. What is the segregation method for organic waste?
3. How can organic waste be sustainable? (4/7 R's: Reduce, Rethink, Rot, Recycle)
4. How can separation be improved?

Main problems

Global waste composition



Recycling, composting or sanitary landfills



Open unorganised dumping



landfills

Main problems caused by organic waste

Landfills: Problems

- no rotting without oxygen
- Methane is generated
- **Solution: composting**

Composting: Problems

- Wrong separation
- Organic waste is polluted...
 - ...by plastic
 - ...by dangerous chemical substances

Separation methods

The separation methods for organic waste in Germany

Biodegradable waste



Garden Waste





Garbage Truck



Garden waste transportation





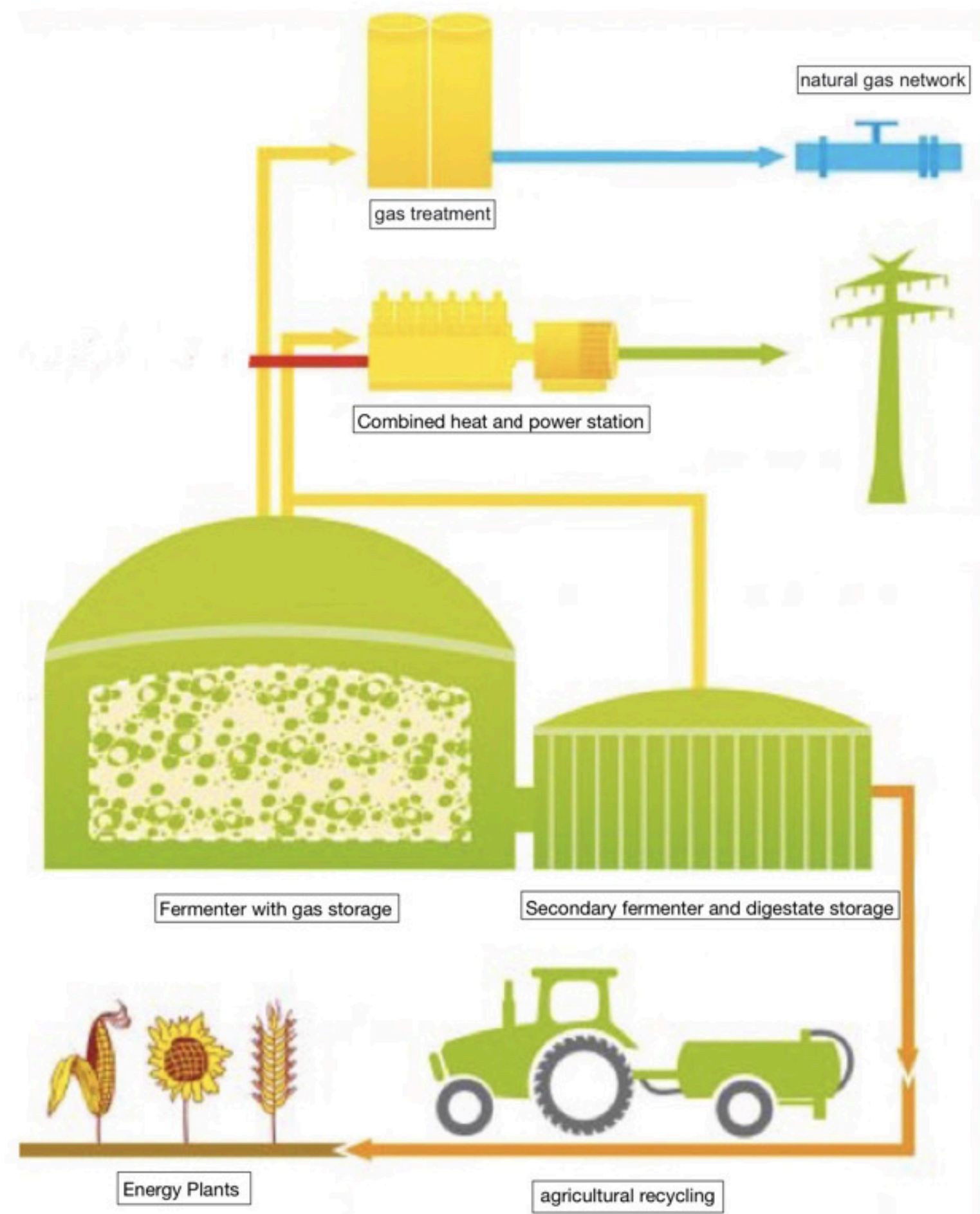
Green waste depot





Biogas plant





How organic waste can be sustainable

Reducing the amount of waste

- avoid food left overs
- plan your meals
- use what you have



Rethink

-use as animal food



Rot

- organic waste is composted by bacteria
- afterwards used as fertilizer



Recycle

- Agriculture
- Horticulture
- biogas plants



How separation can be improved

How can separation be improved?

- Educate the public (campaigns, posters, influencers, etc.)

»»» **Das darf in die Biotonne**

- **Küchenabfälle**
z. B. Obst- und Gemüsereste, Eierschalen, Brotreste
- **Kaffeefilter und Teebeutel**
- **Gartenabfälle**
z. B. Laub, Rasenschnitt, Blumen, Fallobst



»»» **Das darf NICHT rein**

X

- **Plastiktüten**
- **Kunststoffe**
- **Windeln**
- **Katzenstreu**
- **Glas**
- **alle sonstigen Restabfälle**

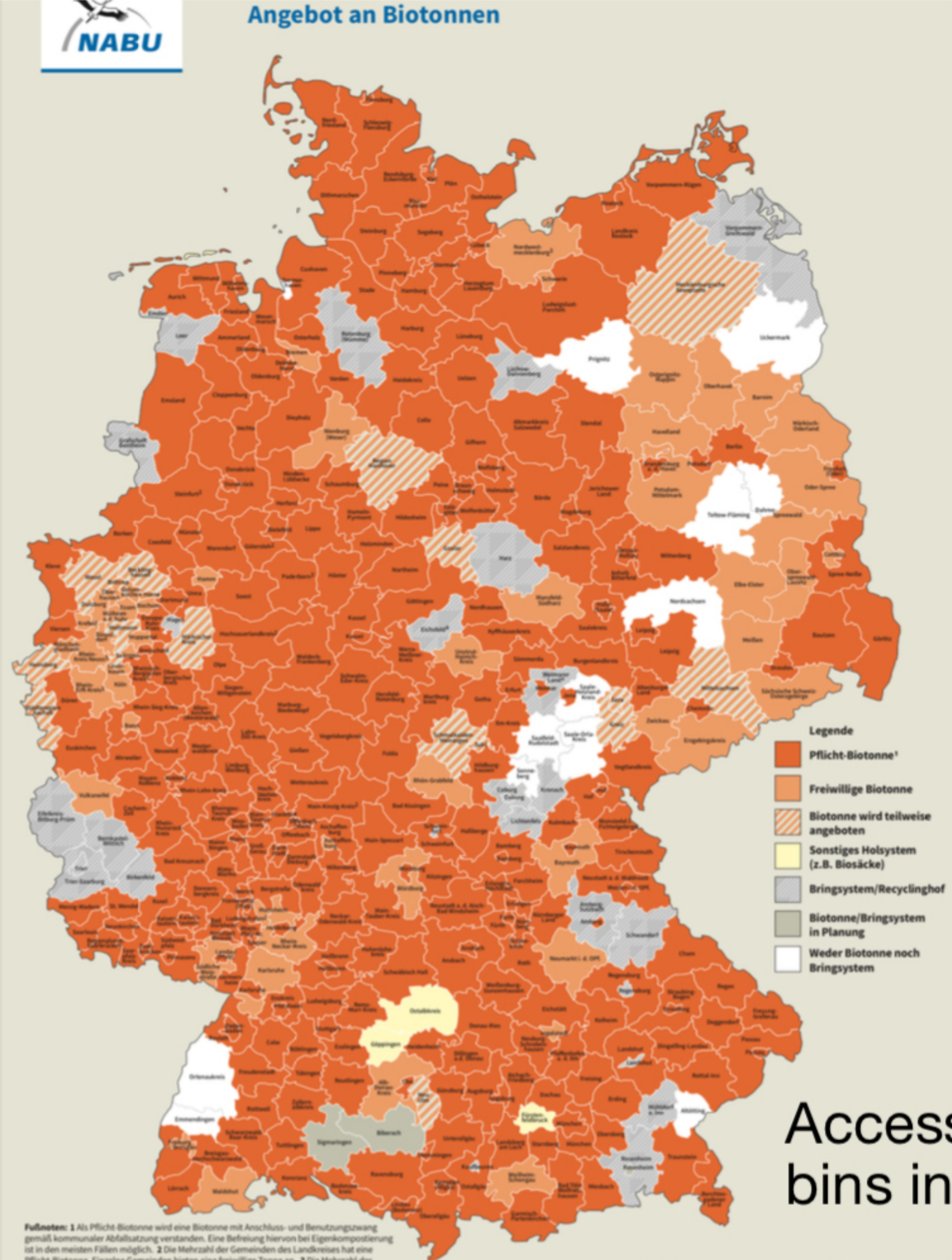


- Control the bio-waste container

Detection systems help determine the quality of the bio waste



Mandatory bio-waste bins for households!



Access to bio waste bins in Germany



More public collection of bio-waste!



***THANK YOU FOR LISTENING
AND WATCHING***