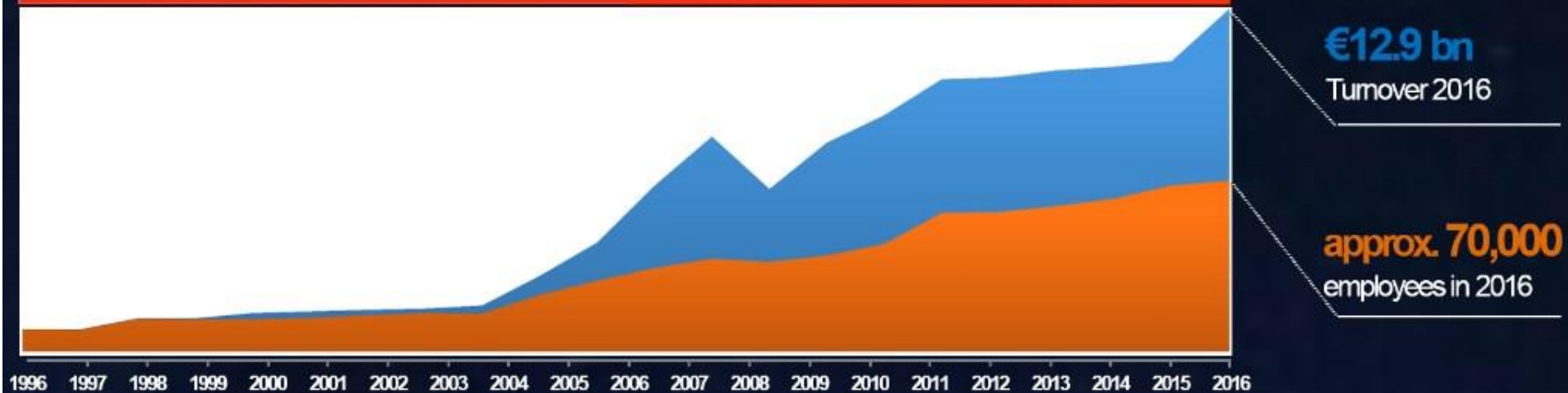




REMONDIS Aqua Stoffstrom GmbH & Co. KG // Dipl. Ing. Ralf Czarnecki



RETHMANN[®] business development





2016: Turnover 4.8 bn € with 28,000 employees



SARIA®



2016: Turnover 2.0 bn € with 9,000 employees



REMONDIS®

WORKING FOR THE FUTURE



2016: Turnover 6.1 bn € with 33,000 employees

Service portfolio REMONDIS Aqua



REMONDIS Aqua Stoffstrom GmbH & Co. KG

Key facts material flow management

- Certified for 276 different residues
- Utilization of more than 1.5 million tonnes of sludge per year, in 11 European nations (highlighted in red)



- **Material utilization of sewage sludge:**
ca. 300,000 t/a
- **Thermal utilization of sewage sludge:**
ca. 1,200,000 t/a





REMONDIS Aqua Stoffstrom GmbH & Co. KG // Dipl. Ing. Ralf Czarnecki

The resource sewage sludge

organic
substance

essential
nutrients

mineral
substance

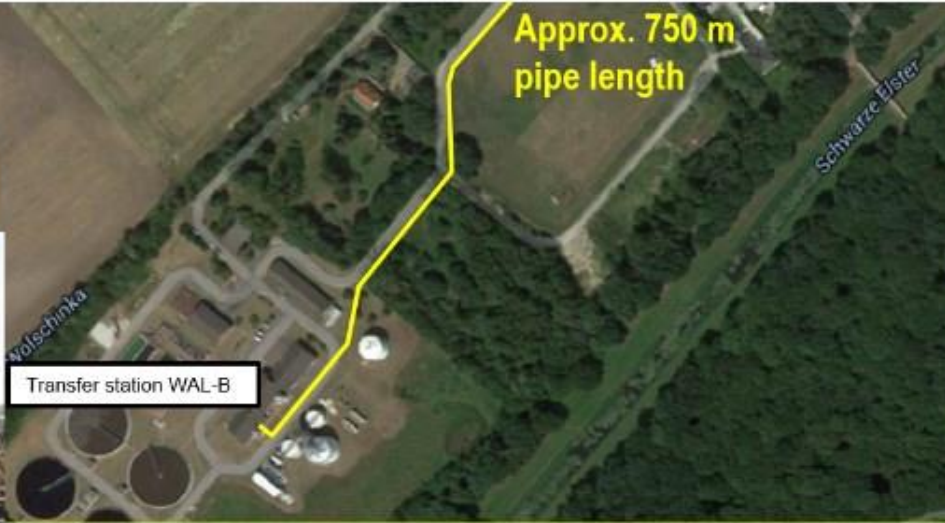
water

heavy
metals

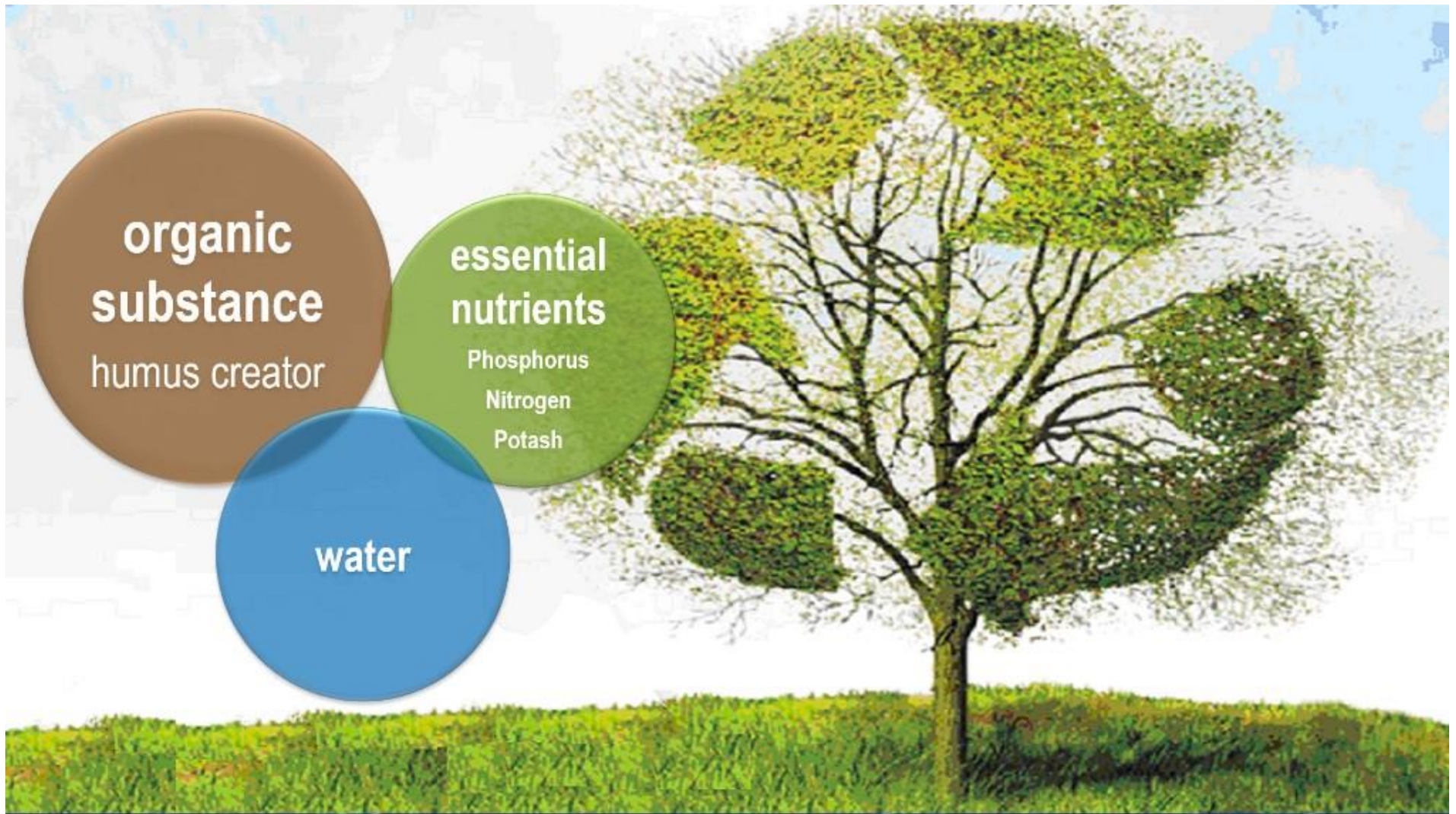
organic
pollutants



District heating of a care home with the excess of thermal energy from the wwtp plant.









**Co-
Incineration**

**Mono-
Incineration**

Co-Incineration



**organic
substance**

caloric value
11 MJ/kg DM

**mineral
substance**

~~**organic
pollutants**~~

Our energetic utilisation saves over 120,000 tonnes of fossil fuels each year.

Mono-Incineration



**organic
substance**

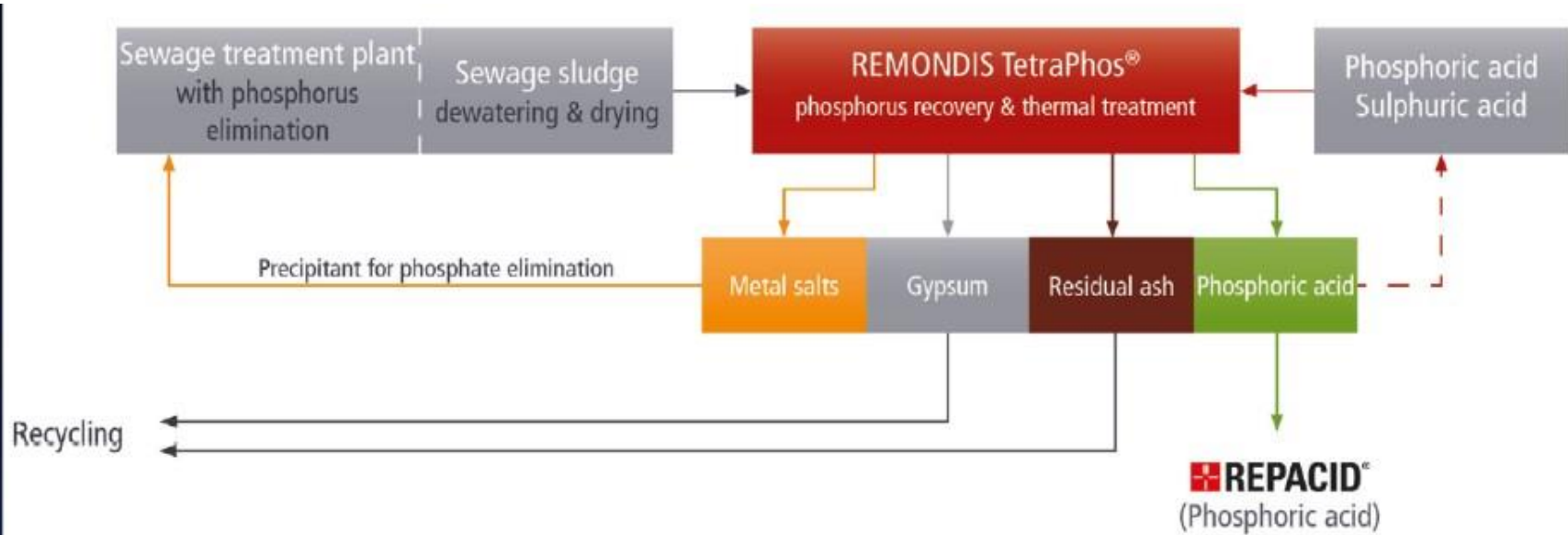
caloric value
11 MJ/kg DM



**essential
nutrient**
phosphorus

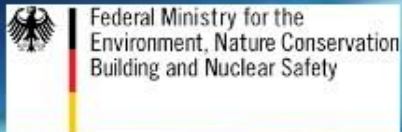
~~**organic
pollutants**~~

Our energetic utilisation generates 80,000 MWh of energy each year.





Grants





"The Zurich Load"
Mike Bouchet // Manifesta 11

REMONDIS®

WORKING FOR THE FUTURE

