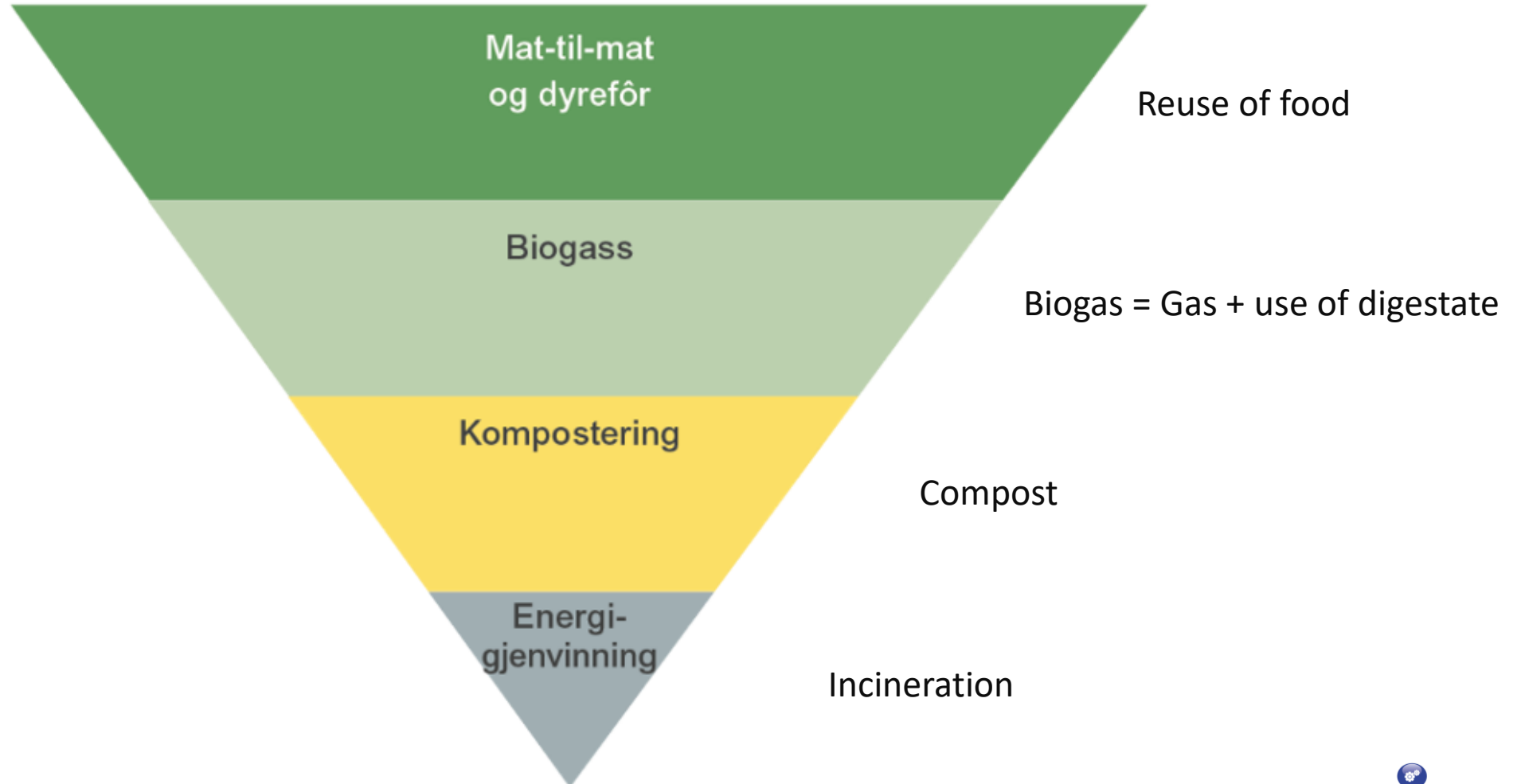


Raw materials for biogas production from waste management



BIO WASTE – OPTIMAL USE



RAW MATERIALS FROM OUR REGION

We are currently handling:

- Food waste – 9.000 tons
- Sewage sludge – 8.000 tons

Other regional possibilities:

- Fish silage – estimated 33.000 – 67.000 tons is exported
- Fish sludge – Unknown?
- Livestock manure – 33.000 tons (only Bodø municipality)

In cooperation with:



B-WaterSmart **NORWASTE**
SENIOR CONSULTING





HOW MUCH ENERGY ARE TALKING ABOUT?

From food waste and sewage: 25 GWh



ENERGY FROM FISH FARMING WASTE

Fish silage: Estimated 50 – 100 GWh from Nordland county



BIO ENERGY IN TOTAL FROM LOCAL WASTE

- From food waste and sewage: 25 GWh
 - Fish silage (Nordland): 80 GWh
 - Fish sludge: N/A
 - Livestock manure (Bodø): 4,2 GWh
-
- SUM: 109,2 GWh