

Harvest Energy

The process - technology inside



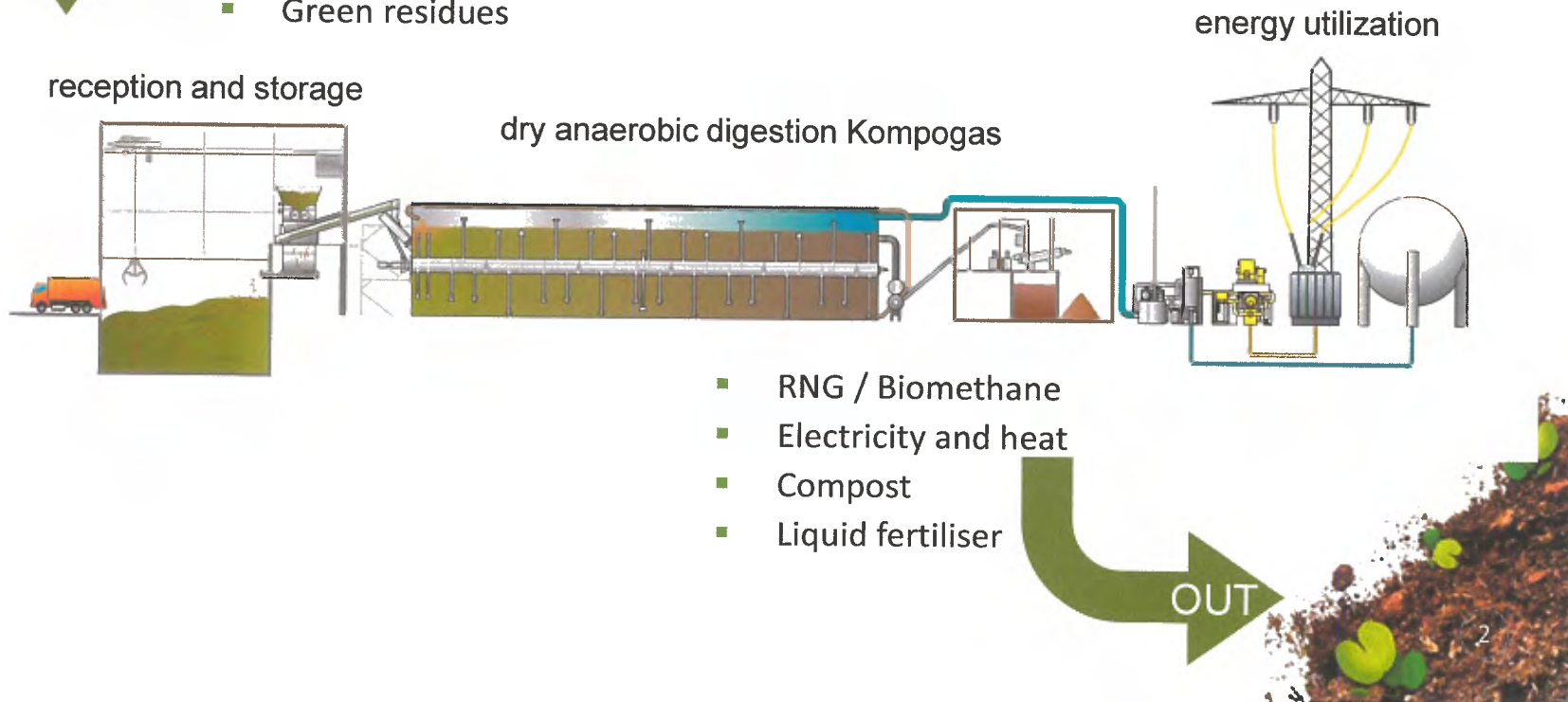
Your Partner in the Circular Economy
Nov 4, 2018

Organic residues treatment

Closing the nutrient cycle while generating renewable energy



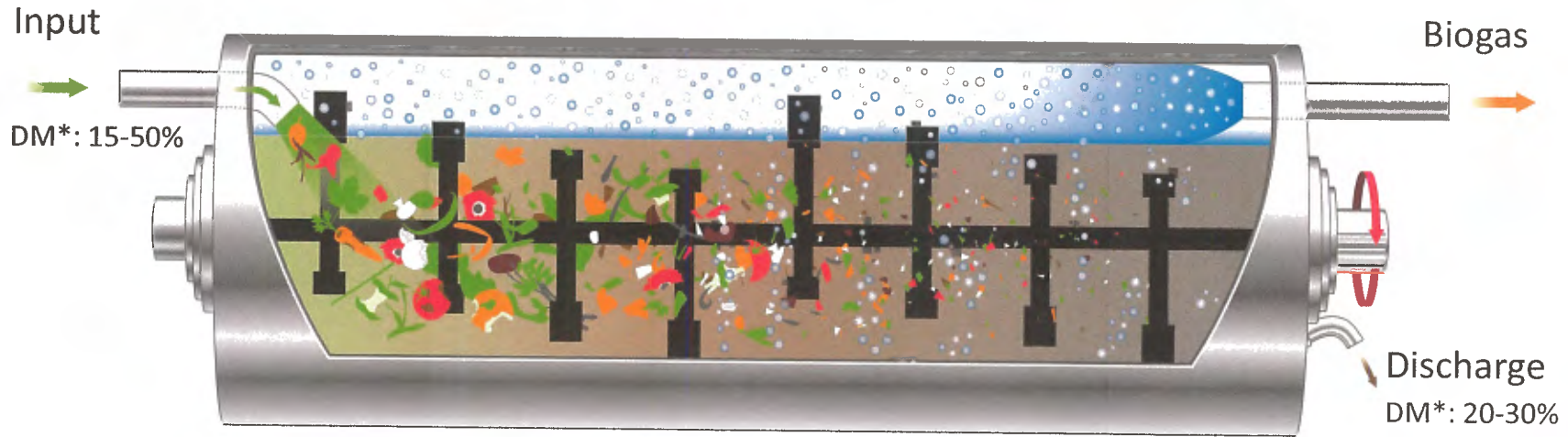
- Household bio residues
- Organic fraction of MSW
- Catering and kitchen residues
- Expired food from supermarkets
- Green residues





Generate high gas yield safely and effectively

By using Kompogas continuous Plug-Flow AD process technology



Thermophilic @ 55°C / 135°F with internal inoculation

* Dry Matter content





Generate Biogas from any organic residues

By using Kompogas Continuous Plug-Flow AD Process Technology

Dry green residues
incl. woody fraction



Wet bio waste



Wet catering &
kitchen residues



Dry organics of MSW



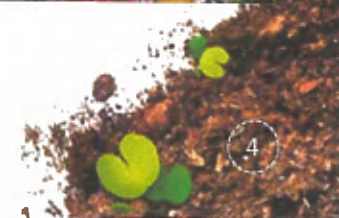
Dry/Wet market &
vegetable residues



Wet commingled food
residues (supermarket)



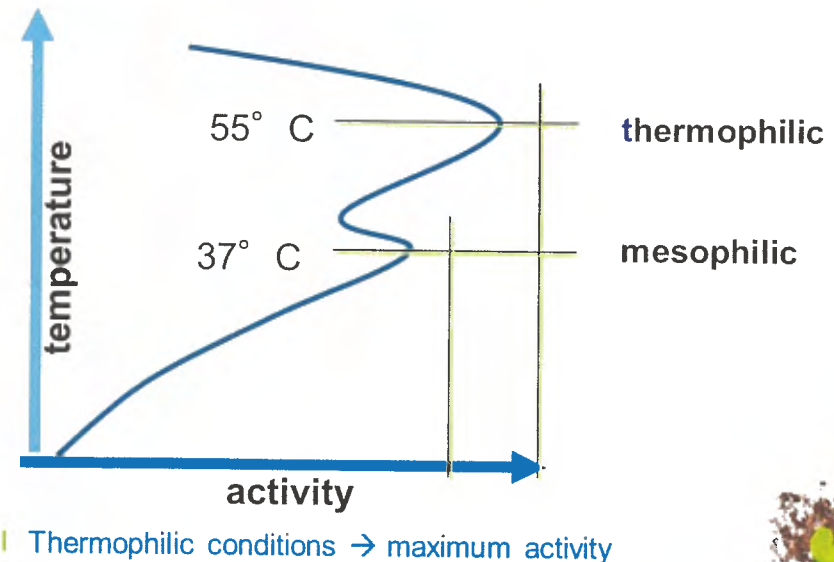
It will digest all Dry & Wet – over its lifetime!



Thermophilic and continuous

Why this process called plug-flow dry AD

- 15 - 50% DM, highly versatile regarding input feedstock
- Thermophilic plug-flow with quick & complete degradation
- Sanitation built-in with ABP* compliance
- Constant & high quality biogas yield
- High quality compost & liquid fertilizer



Since the organic residues will change over time (wet vs. dry)
→ A future-proof process is key to cope with it

* Animal By-Products



AT EVERY TURN, WE **EMPOWER**
LOCAL COMMUNITIES TO THRIVE



OUR PRODUCTS

POWER HOMES

NOURISH
FIELDS



ENRICH
LANDSCAPES



BEAUTIFY

. BALCONIES + *beyond*

