WTT
The Organics Mechanics

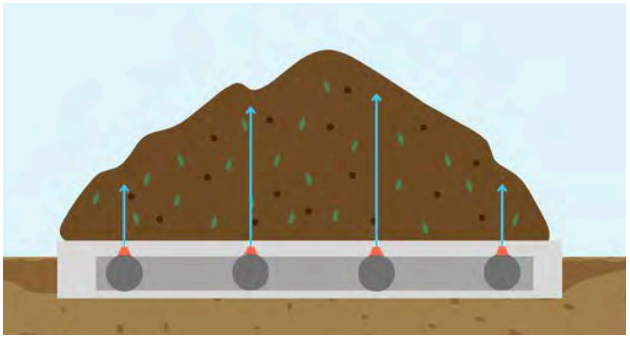
WTT Aerated Bays

Take Windrow Composting to the Next Level

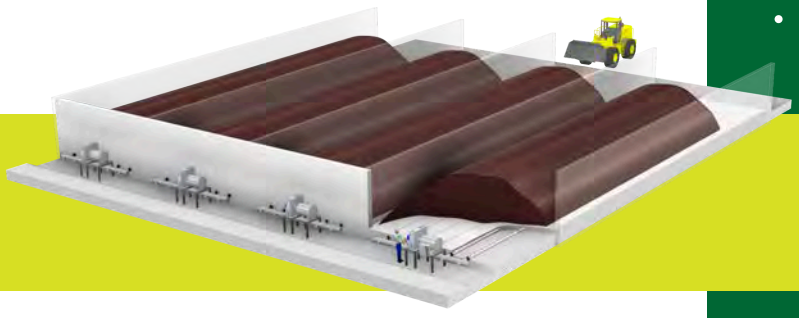
A SMART STEP FORWARD IN COMPOSTING

Not every organic waste treatment plant is ready to make the leap to in-vessel composting. But that doesn't mean progress has to wait.

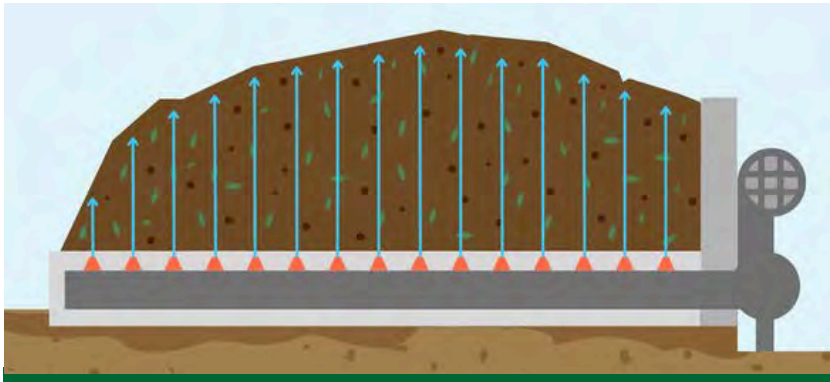
With WTT's Aerated Bays (Aerated Static Piles), operators can take windrow composting to the next level: faster, cleaner and more reliable. Our modular, fully controlled aeration system ensures optimal airflow, consistent temperatures, and improved throughput, all with low operational riks and less space requirement.



The Result? High quality compost and reduced odour. And because the system is modular, you can start small and expand as demand grows.



A solution that fits the market you are in today, while preparing you for the market you want to be in tomorrow.



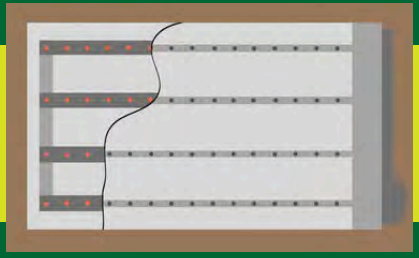
DESIGNED FOR PLANT PERFORMANCE

Aerated Bays turn an open windrow into a controlled process. Forced aeration shortens composting time and provides a stable, predictable result, without the need to turn the waste and is able to handle seasonal fluctuations in feedstock composition.

Plant managers value the dependable data for permits and reporting, and the clear reduction in odour complaints.

Key operational gains include:

- Ability to handle wide range of feedstock types
- Faster processing and higher throughput, requiring a smaller foodprint
- Consistent compost quality with fewer hot or cold spots
- Lower risk of regulatory issues through reliable monitoring
- Connected to WTT Services



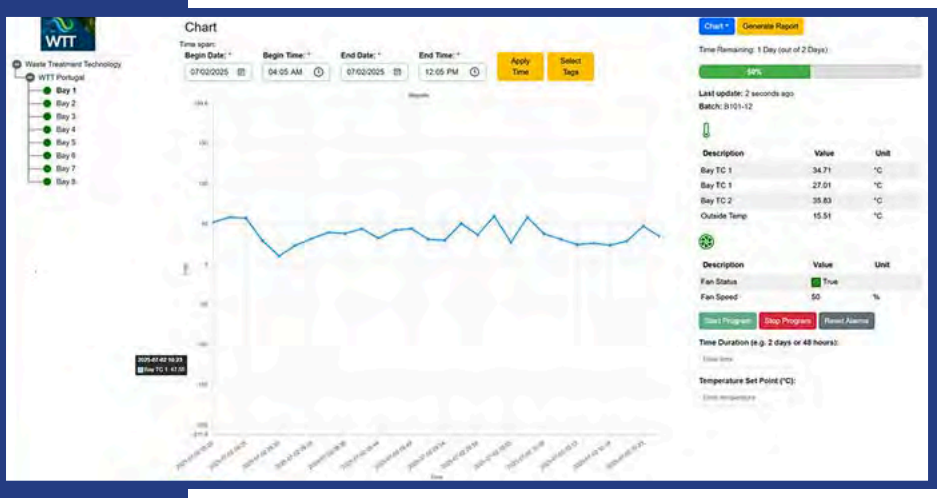
WTT
Münsterstraat 14
7575 ED Oldenzaal

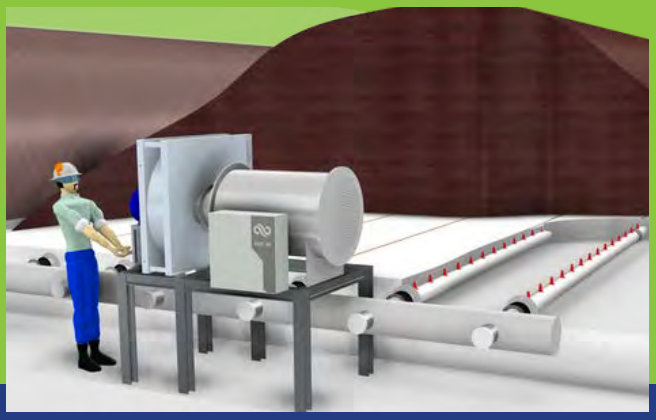
e. sales@wtt.nl
t. +31 (0)85 0849849
i. www.wtt.nl

FLEXIBLE BY DESIGN

Every site is different. Bays can be six to twelve metres wide and twenty to sixty metres long, allowing layouts that fit existing space, resulting in easier retrofits.

You can begin with a single module and add more as volumes grow. A single module can consist of up to four bays. The system works equally well with concrete-walled bays or open windrows.





SIMPLE, SMART CONTROL

BayWatch, our browser-based platform, gives real-time oversight from any device. Temperature probes and automated airflow keep the process on track while minimising energy use.

For locations with unstable internet, a local touchscreen is available for offline operation.

Highlights for operators:

- Remote access and diagnostics
- Variable fan speed for energy efficiency
- Optional local control for added security
- Integrated KPIs for optimization and efficiency tracking?

BUILT FOR RELIABILITY

Pre-assembled fan packs and spigot floors simplify installation and start-up. Durable materials, with optional galvanised or stainless finishes, stand up to outdoor conditions. Variable frequency drives reduce power consumption and extend motor life.

SUPPORT FROM START TO FINISH

WTT can provide expert supervision during installation and commissioning and offers operator training to secure long-term performance.

With more than 25 years of engineering experience and over 160 projects worldwide, WTT delivers a proven, scalable technology for high-performance composting.

WTT
The Organics Mechanics