



WASTE FOR ALL
SDG

HOLISTIC WASTE
MANAGEMENT/
METHANE REDUCTION

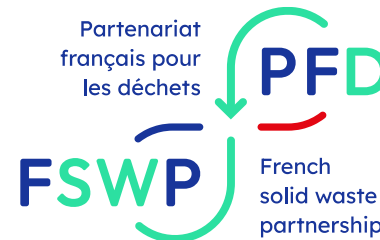


CHINA - Shaoyang



Restaurant food waste recovery

Reducing sanitary health risks, promoting waste to energy



Prevent restaurant food waste use as direct animal feed, through dedicated collection and treatment systems:



- Introduction of a dedicated collection system for restaurant food waste
- Collection and pre-treatment of used food oils
- Anaerobic digestion facility producing biogas for heat and power co-generation
- Financial viability of the operations through:
 - Waste collection tax
 - Sales of oil, electricity and heat

BENEFIT:

- > 70 ktCO₂eq/y avoided compared to former situation (methane emissions from biowaste).
- > Green energy production.

CO-BENEFIT:

- > Reducing major public health risks associated to biowaste direct use in animal feed.
- > 174 jobs created.