

SUPPLEMENTARY MATERIAL

Figure S1. Technologies available for dry anaerobic digestion classed based on operational criteria according to Zeshan 2012¹.

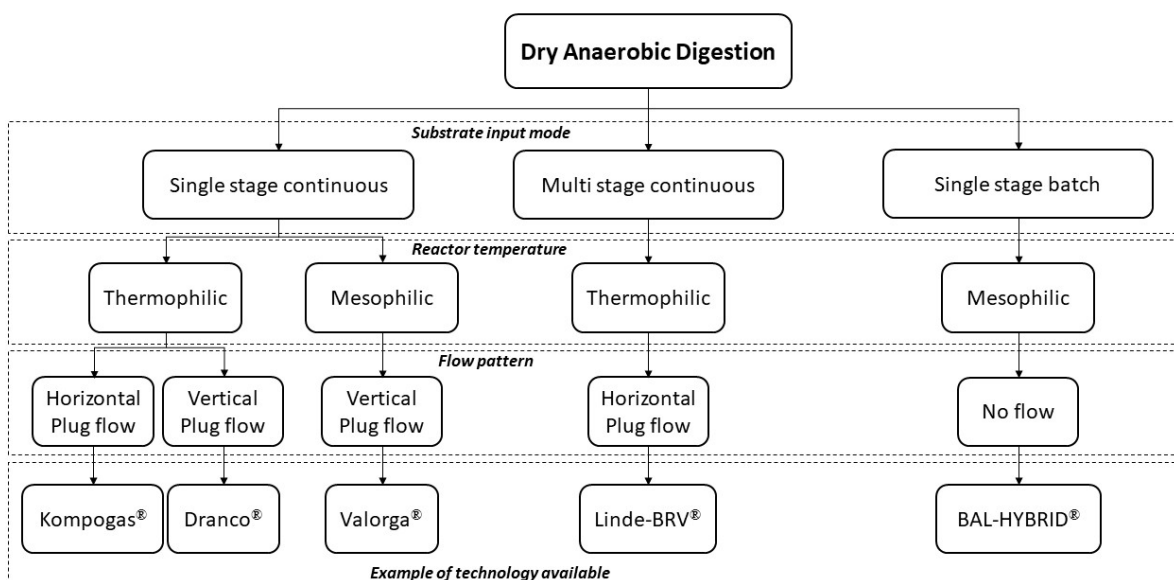
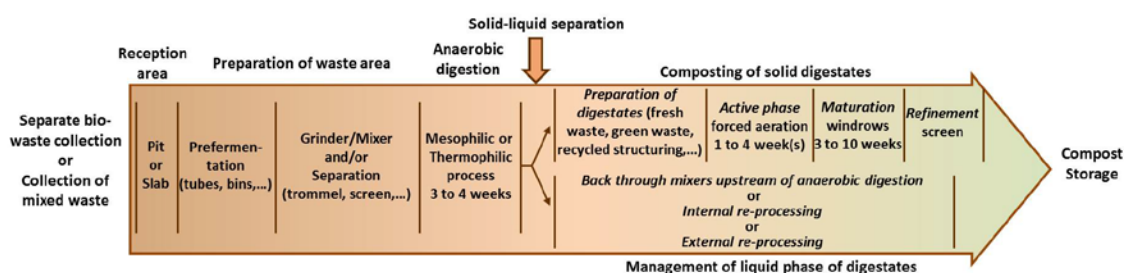


Figure S2. Steps in the anaerobic digestion process implemented in anaerobic digestion composting plants².



¹ Zeshan, S. (2012). Dry anaerobic digestion of municipal solid waste and digestate management strategies, Asian Institute of Technology].

² Battais, P., Bonthoux, F., Lechene, S., Kunz-Iffli, J., Monta, N., Grosjean, J., & Duquenne, P. (2022). A Comparative Study of Real-Time Monitoring Detection and Active Sampling Measurements in Evaluating Exposure Levels to Ammonia. Detritus, 21, 94-104. <https://doi.org/10.31025/2611-4135/2022.16224>

Table S1. Occupational Exposure Limits for ammonia in various countries and regions^{1,2,3}.

Compound	Country	OEL-8h ppm _v	OEL-8h mg.m ⁻³	STEL ppm _v	STEL mg.m ⁻³
Anhydrous ammonia (NH ₃)	France (binding value – 2006)	10	7	20	14
Anhydrous ammonia (NH ₃)	European Union	20	14	50	36
Anhydrous ammonia (NH ₃)	United States (ACGIH)	25	18	35	27
Anhydrous ammonia (NH ₃)	Germany (MAK)	20	14	40	28

¹ INRS. (2021). Fiche toxicologique : Ammoniac et solutions aqueuses. FT16, available at <http://www.inrs.fr>.

² INRS. (2022a). Les valeurs limites d'exposition professionnelle. ED 6443, available at <http://www.inrs.fr>.

³ INRS. (2022b). Liste des VLEP françaises – Valeurs limites d'exposition professionnelle établies pour les substances chimiques. Outil 65, available at www.inrs.fr.