



# SPONSORED PROJECT

The School of Environment, Resources and Development (SERD)



1. Project name	<b>Assessment of Material Recycling Related to Used Beverage Cartons: A Focus on Formal and Informal Waste Sectors in Bangkok and Surrounding Cities of Thailand (Recycling UBCs)</b>
2. AIT Lead Faculty	Prof. Vilas Nitivattananon
3. Short Descriptions	The project will assess collection and recycling rates and plastic straw proportion, for enhancing recycling related to UBCs in Thailand. The specific objectives are to determine UBCs passive collection rates at specific strategies points, i.e., waste dealers, baling plants, paper mills, and transfer stations; Assess proportion of plastic straws attached with collected UBCs returning to recycling plant, following different campaigns being implemented; and to validate different active waste recycling streams related to UBCs, for possible enhancing policies and practices of collection and recycling of key stakeholders.
4. Output/Social Impact	Incorporate data collected from physical sampling method using quartering technique, sampling of plastic straws attached to UBCs, interviews and field survey. The result of the study will help address the plastic pollution problem with the engagement of producers.
5. Partners	
6. Donors	Tetra Pak
7. Project Duration	1 February 2020 – 31 Dec. 2022
8. Total grant amount	THB 936,000
9. SDG	9, 11, 12