

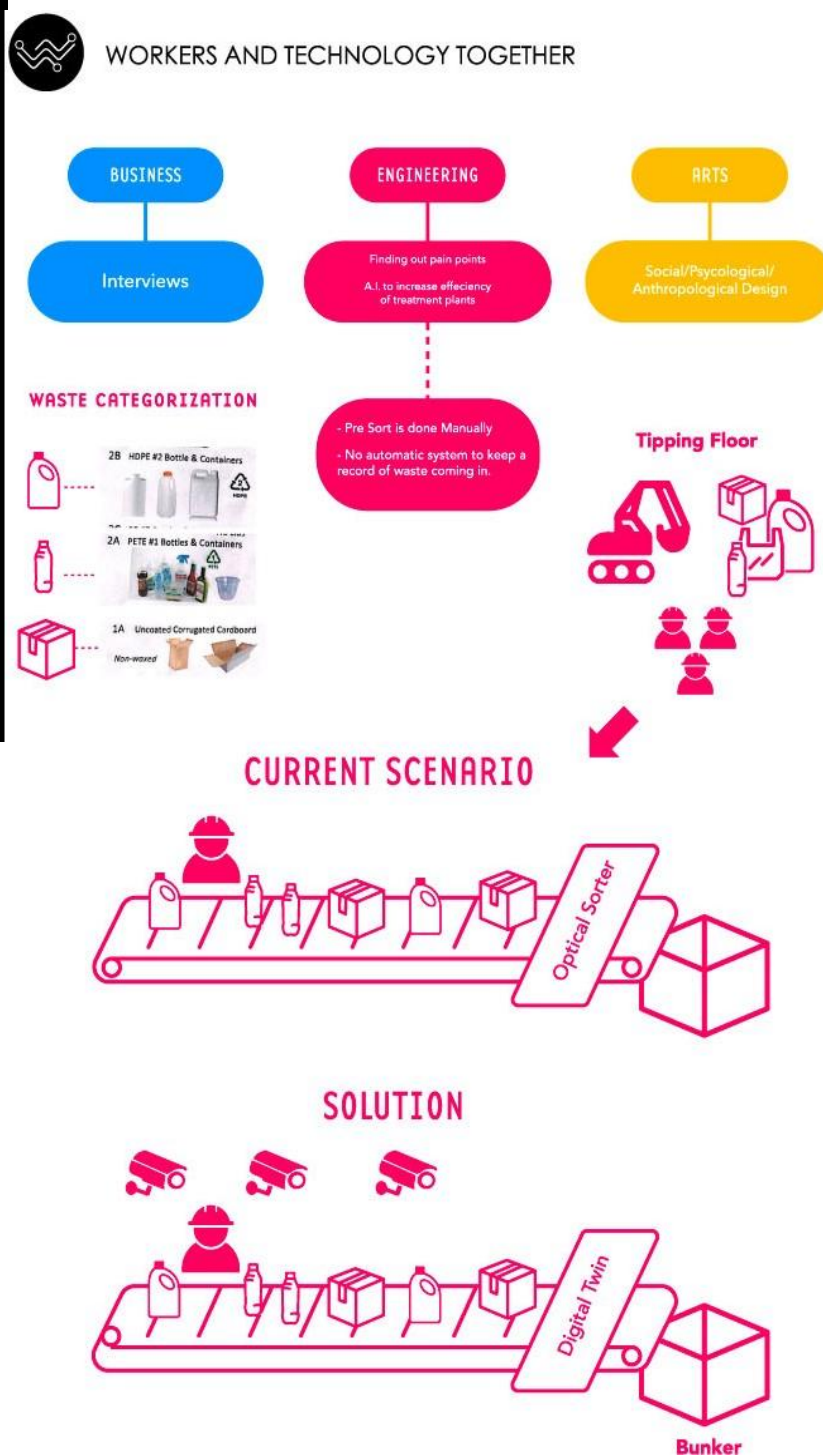
Workers And Technology Together (WATT)

Research Team

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- **Collaborators:** Los Angeles Local Enforcement Agency, Waste Management, Anaergia, Athens, National Science Foundation

Research Objective

WATT is creating an autonomous assistant to assist workers, owners, and operators in the organic waste processing industry. The objective is to implement automation technology and up/re-skill workers to work alongside the digital twin.



Research Approach

- Create a digital twin and train AI for object detection
- Develop a concept of operations based on IPT and IPD methodology
- Produce differentiation model based on local operational context, to determine worker responsibilities, automated tasks, etc.
- Plan a training program for on-the-ground workers to effectively leverage automation technology