

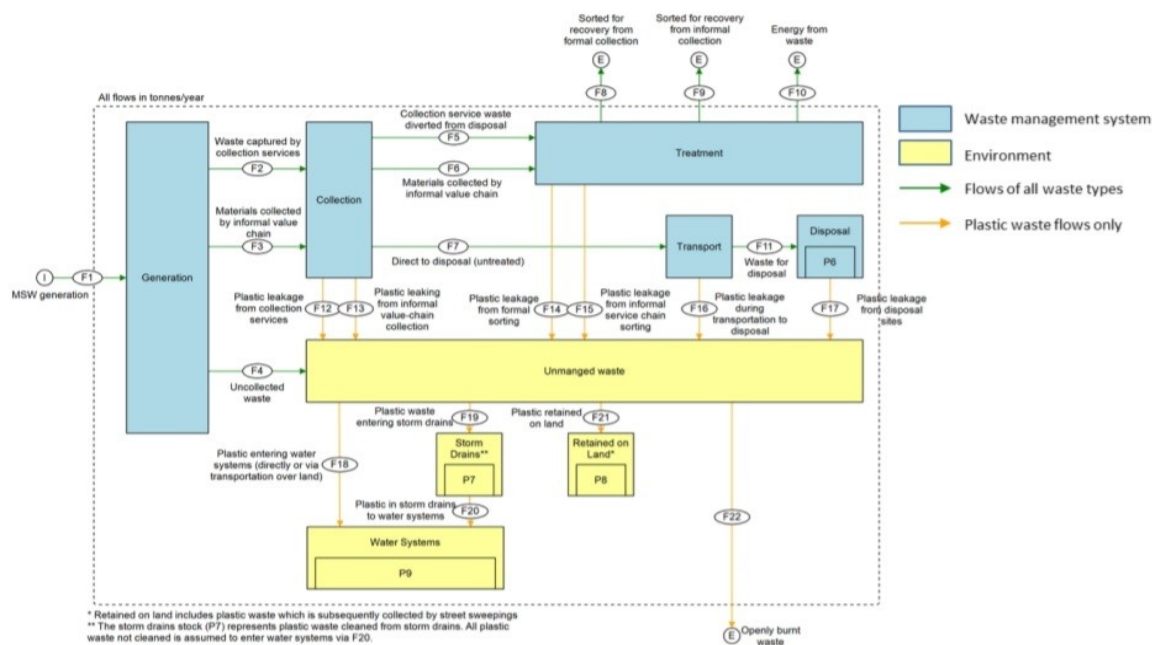
# CleanTech: Transforming Waste Management with Transfer Learning

## Project Design Phase - II

Team ID: LTVIP2025TMID39058

### Data Flow Diagram (DFD)

The Data Flow Diagram (DFD) for the CleanTech system represents how information flows between the user interface, machine learning model, storage systems, and the backend logic. It illustrates the interaction of customers uploading waste images, how those images are processed, classified using transfer learning, and how administrators and collectors interact with the system through different modules. The DFD ensures modularity, scalability, and visibility into system behavior.



# User Stories

	Epic	User Story No.	User Story / Task	Acceptance Criteria	Priority
Mobile)	Registration	USN-1	As a user, I can register with email and password.	Access dashboard	High
		USN-2	Receive confirmation email after registration.	Click confirm link	High
		USN-3	Register via Facebook	Access dashboard with FB login	Low
		USN-4	Register via Gmail	Access dashboard	Medium
	Login	USN-5	Login using email & password	Access secured dashboard	High