

Our team



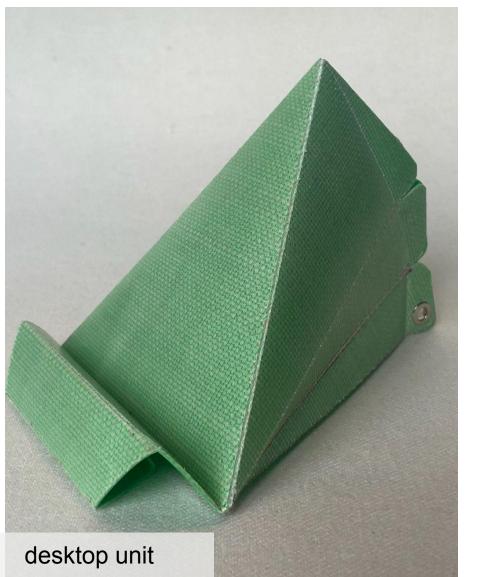




Existing/ongoing studies













Topic





Transportation stops are not merely waiting points; they are socially significant urban spaces that foster accessibility, inclusivity, identity and shared ownership.



Topic





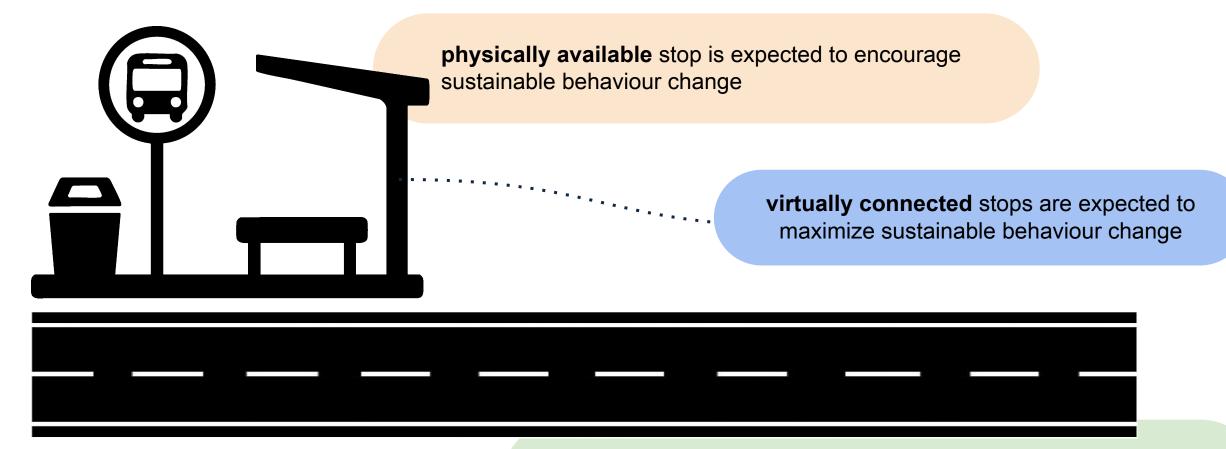
Our project reimagines public furniture by transforming textile and plastic waste into beautiful, sustainable, and inclusive urban elements.

It brings together academic researchers, municipalities, industry partners, and local communities to co-create functional and aesthetically engaging public furniture — such as seating units, recycling bins, shelters and wall panels — for bus, tram, or train stops.









using the existing transportation network as an infrastructure for the efficient collection and transfer of waste



Our objectives

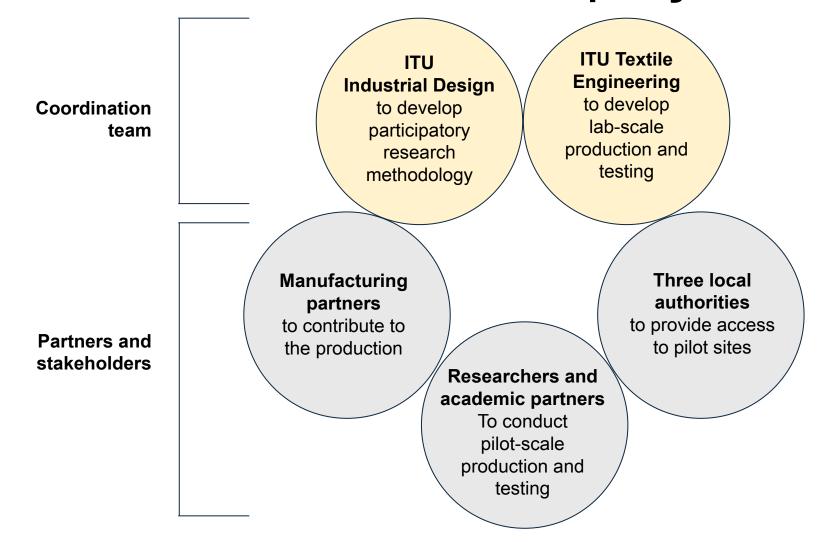


- To create living laboratories of circular design that promote collective recycling behavior within everyday public environments.
- To use the existing transportation network as a physical infrastructure for the efficient collection and transfer of waste
- To apply participatory design strategies so that stations also function as decentralized micro-collection points
- To foster collective awareness by virtually connecting demonstration stops across different cities
- To ensure strong local ownership by involving municipalities and promoting co-responsibility in sustainable innovation



Role in the project







Requirements for partners



Three local authorities:

- to provide access to pilot sites
- to support the integration of the designed prototypes into the public transportation infrastructure
- to facilitate community engagement through communication and outreach activities

Manufacturing partners:

- to contribute to the production and technical refinement of prototypes using recycled composite materials
- to ensure the feasibility, scalability, and compliance with safety and durability standards

Researchers and academic partners:

- to develop and test the sustainable materials
- to conduct Life Cycle Assessment (LCA)
- to conduct pilot scale production and testing
- to contribute to evidence-based recommendations for circular public design practices