

Community Participation in Solid Waste Management in Aruba



University of Aruba



Utrecht University

Aruba as a Small Island Developing State



Limited land availability
Marine factor (isolation)
Weak geopolitical status
Governance challenges



Illegal dumping

Mismanagement of waste → Wasted land



WastAway Technology: a case of under-participation







Land implications

- Wasted land
- Land degradation (eg. subsidence)
- Housing prices suffer
- Landscapes ruined
- Biological diversity affected → diminishing ecosystem services (eg. mangroves)

Community-Based Initiatives

- Brenchie's Lab & Plastic Beach Party
 - Awareness building & mentality change
 - Plastic recycling & Manufacturing
- Carentra
 - Resource Recovery (Tyre-to-energy)
 - Exporting (Recycling)
- Regatta → Reduction & Recycling
 - Reduction
 - Recycling



SUPPORT PLASTIC RECYCLING

PLASTIC BEACH PARTY

DONATE AT BRENCHIES.COM/PBP

What is needed?

- Island leaders
- Inter-island (regional) cooperation
- Strengthening and expanding enforcement mechanisms
- Limit dependency and create manufacturing
- Community based development projects & more capital from the government

~~Waste~~ → Resource

From environmental, social, economic burden to useful materials

But the shift in mentality requires **education**
and a wider change in approach to develop local expertise
in collaboration with the rest of the Caribbean, SIDS and the world!