

Trade in goods, services, technologies for reducing plastic pollution across the life cycle

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Plastic substitutes

Non plastic or polymer material

Vegetable, animal or mineral origin

Materials that can be reused, biodegradable, compostable, or recycled

More positive life cycle analysis impact than plastics

They do not include additives

“Non-plastics”

Plastic alternatives

Biomass based polymer molecules (zero or low carbon)
Biodegradable polymer (doesn't accumulate in nature) for long periods

Can have similar properties than plastics (similar molecules)

Nonfuel feedstock use

Some can be reused, are compostable or biodegradable

Some have similar waste disposal problems like conventional plastic depending on chemical composition

“Better plastics”

Facilitating trade on Plastic Substitutes – Illustrative HS codes

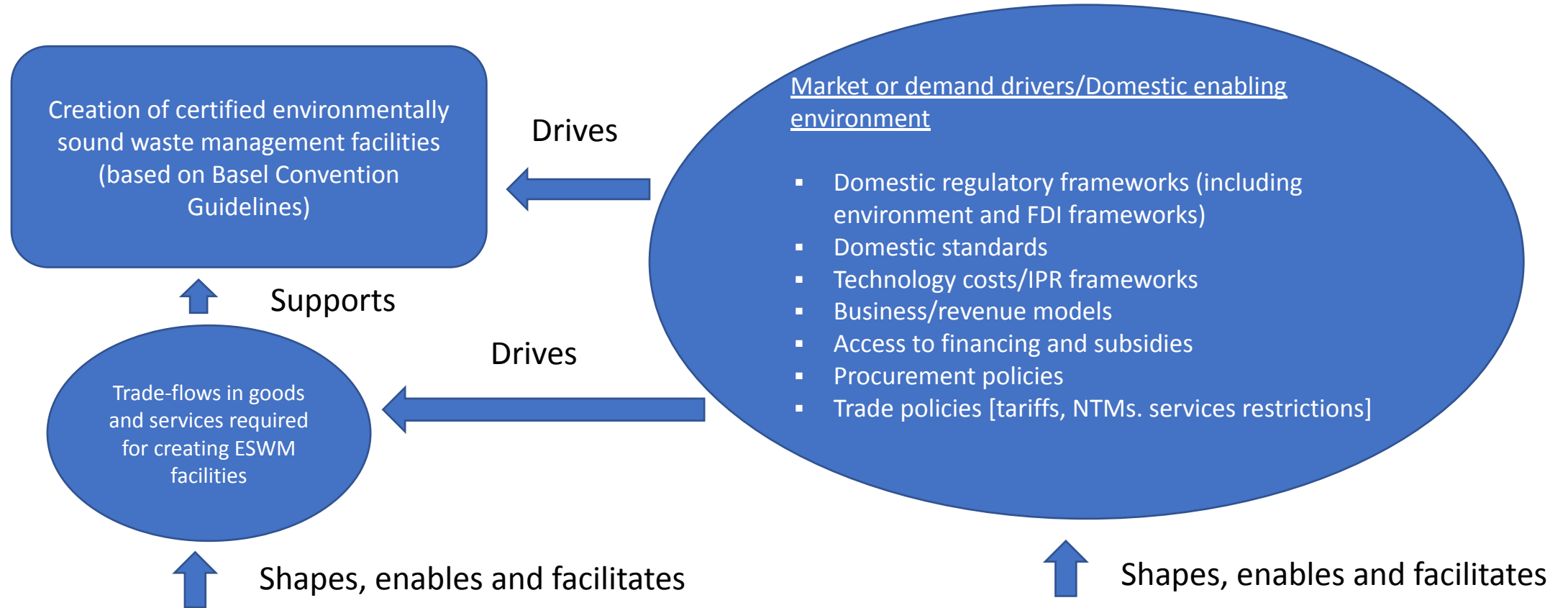
SUBSTITUTE PRODUCTS	FOOD CONTAINERS AND SINGLE-USE ACCESSORIES		
	Containers: banana/plantain leaf	4602.19	Basketwork, wickerwork and other articles, made directly to shape from plaiting materials or made up from goods of heading 4601; articles of loofah; Of Other vegetable materials
	Containers: coconut husk	4602.19	Basketwork, wickerwork and other articles, made directly to shape from plaiting materials or made up from goods of heading 4601; articles of loofah; Of Other vegetable materials
		4819.10	Cartons, boxes and cases, of corrugated paper or paperboard
	Containers: paper	4819.20	Folding cartons, boxes and cases, of non-corrugated paper or paperboard
		4823.69	Trays, dishes, plates, cups and the like, of paper or paperboard; Other
	Straws: paper	4823.90	Other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; other articles of paper pulp, paper, paperboard, cellulose wadding or webs of cellulose fibres; Other
	Straws: wheat fibre	4602.19	Basketwork, wickerwork and other articles, made directly to shape from plaiting materials or made up from goods of heading 4601; articles of loofah; Of other vegetable materials
	GROCERY BAGS/PACKAGING		
	Cotton	6305.20	Sacks and bags, of a kind used for the packing of goods; Of cotton
Hemp	6305.90	Sacks and bags, of a kind used for the packing of goods; Of other textile materials	
Jute	6305.10	Sacks and bags, of a kind used for the packing of goods; Of jute or of other textile bast fibres of heading 5303 (excluding flax, true hemp and ramie)	
Paper	4819.30	Sacks and bags, having a base of a width of 40 cm or more; of paper, paperboard, cellulose wadding or webs of cellulose fibres	
	4819.40	Other sacks and bags, including cones; of paper, paperboard, cellulose wadding or webs of cellulose fibres	
LIQUID CONTAINERS			
Glass	7010.90	Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods; preserving jars of glass; stoppers, lids and other closures, of glass; Other	
	7612.90	Aluminium casks, drums, cans, boxes and similar containers (including rigid or collapsible tubular containers), for any material (other than compressed or liquefied gas), of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment; Other	
	Aluminium	7615.10	Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like; Of aluminium
		7616.99	Other articles of aluminium; Other

Tariff rates applied (*most recent, WTO tariff database)

	Feedstock / Products	HS Code (2020)	Export Volume (USD Billions, 2018)	Average Import Tariff (sample) (Brazil, China and USA)
Plastic Materials	Plastic: Polyethylene	3901	57.72	8.88
	Plastic: Polypropylene	3902	22.45	8.86
	Plastic: Polystyrene	3903	9.93	9.00
	Plastic: Polyvinyl chloride (PVC)	3904	11.93	7.89
	Plastic waste and scrap	3915	4.68	10.25
	Plastic: Polyethylene terephthalate (PET); viscosity number of 78 ml/g or higher	390761	8.04	7.92
	Plastic: Polyethylene terephthalate (PET); other	390769	2.41	7.92
	Mineral Products	Aluminium	7601	20.50
Aluminium waste		7602	6.68	1.50
Glass		7001	2.92	5.67
Natural Fibres - Dedicated Crops	Coconut husks	5305	1.85	5.49
	Cotton	5201	8.88	15.76
	Hemp	530210	0.01	6.00
	Jute	530310	0.04	6.50
	Paper & cardboard	481190	1.49	14.22
	Sisal	560721 560729	0.03 0.03	4.30 8.87
Natural Fibres - Agricultural By-Products	Areca leaves/Banana leaves	140190	0.08	6.40
	Wheat husks	1213	2.45	12.00

	Feedstock / Products	HS Code (2020)	Export Volume (USD Billions, 2018)	Average Import Tarrif (Brazil, China and USA)
Plastic Products	Drinking straws	391732	0.60	8.12
	Takeout/takeaway containers and plates for food	392310	2.99	10.30
	Grocery and other bags	392321	3.99	10.33
	Bottles (PET)	392330	2.52	9.17
	Takeout/takeaway containers and plates for food	392410	2.47	10.64
	Food Containers & Single-Use Accessories	Containers: banana/plantain leaf; coconut husk; Straws: wheat fibre	460219	0.15
Containers paper		481910	5.91	18.67
		481920	3.08	18.67
		482369	0.77	19.50
Straws: paper		482390	1.62	17.74
Grocery Bags/Packaging	Cotton	630520	0.11	19.07
	Hemp	630590	0.58	18.40
	Jute	630510	0.09	22.50
	Paper	481930	0.35	19.50
		481940	1.48	19.50
Liquid Containers	Glass	701090	12.92	8.86
	Aluminium	761290	0.77	8.87
		761510	0.89	11.37
		761699	1.82	9.31

Case example: Creation of environmentally-sound waste management facilities: Role of EGS trade in a broader enabling environment



International Governance Frameworks and Initiatives

Trade-related

WTO Agreements

RTAs/FTAs/ Bilateral and international investment frameworks

Transparency and visibility in HS classifications and national tariff lines for relevant goods

Transparency and visibility in services classification schedules

Aid for Trade policies

Others

MEAs

International standards