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leading sustainability

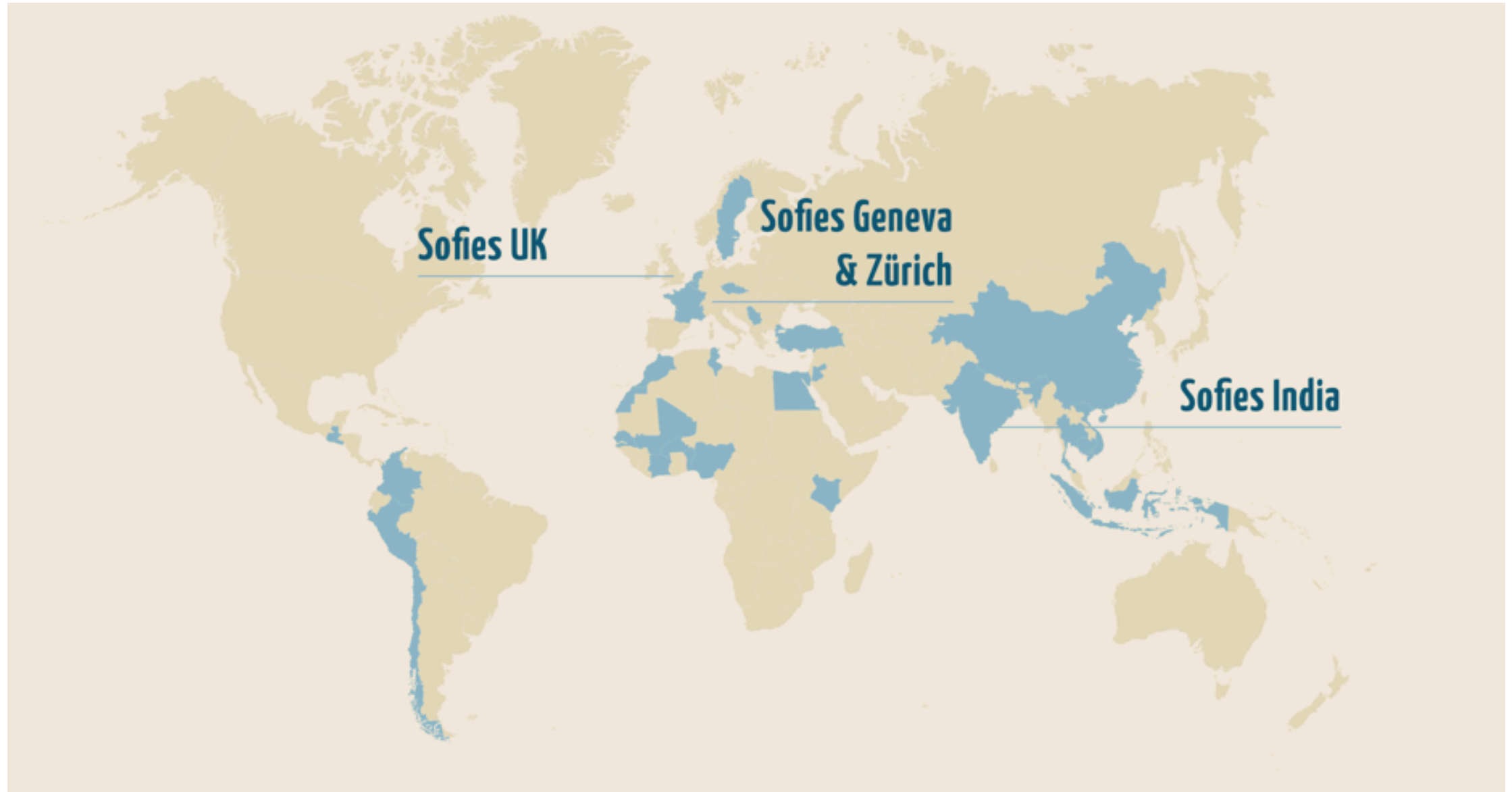
E-Waste Management in India: Challenges and Agenda

Deepali Sinha Khetriwal

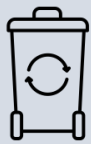
CSE Webinar

26 February 2021

a micro-multinational, boutique consultancy with offices in 4 locations

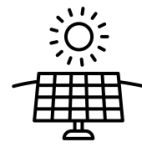


our key domains of expertise cover six broad areas



SECONDARY RESOURCES & URBAN MINES

E-waste, Plastics, Textiles



ALTERNATIVE ENERGY

Climate-positive fossil-fuel alternatives



MANAGING SUSTAINABILITY

Innovation, Assessment, Reporting



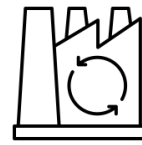
SUSTAINABLE PRODUCTION

Resource efficiency for SMEs



SUSTAINABLE TERRITORIES

Smart regional development



SUSTAINABLE INDUSTRIAL ZONES

Industrial symbiosis

a team with global expertise and know-how on e-waste



Policy and legislation

Legal compliance

On-ground pilots

Business advisory

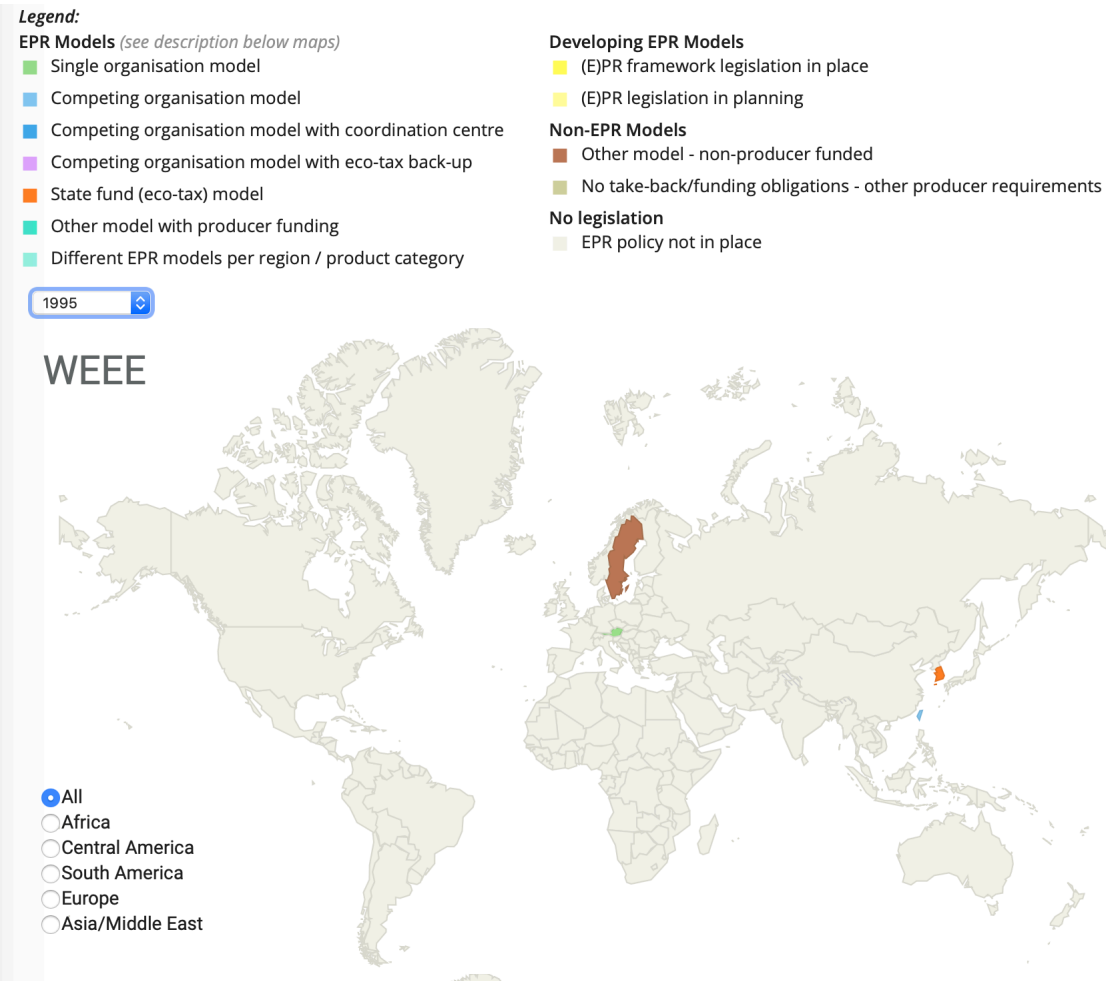
Capacity building

Third-party audits

Research and analysis

Project management

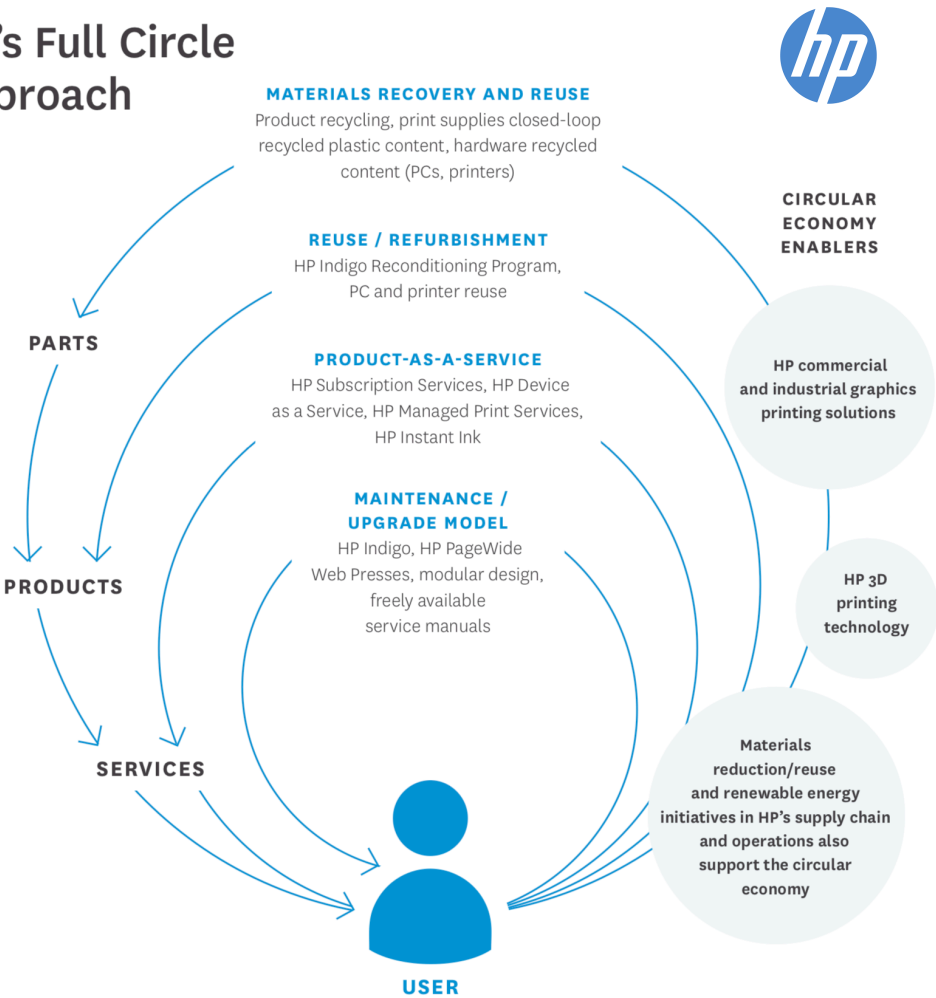
Targeted e-waste specific legislation is gaining momentum with policy makers



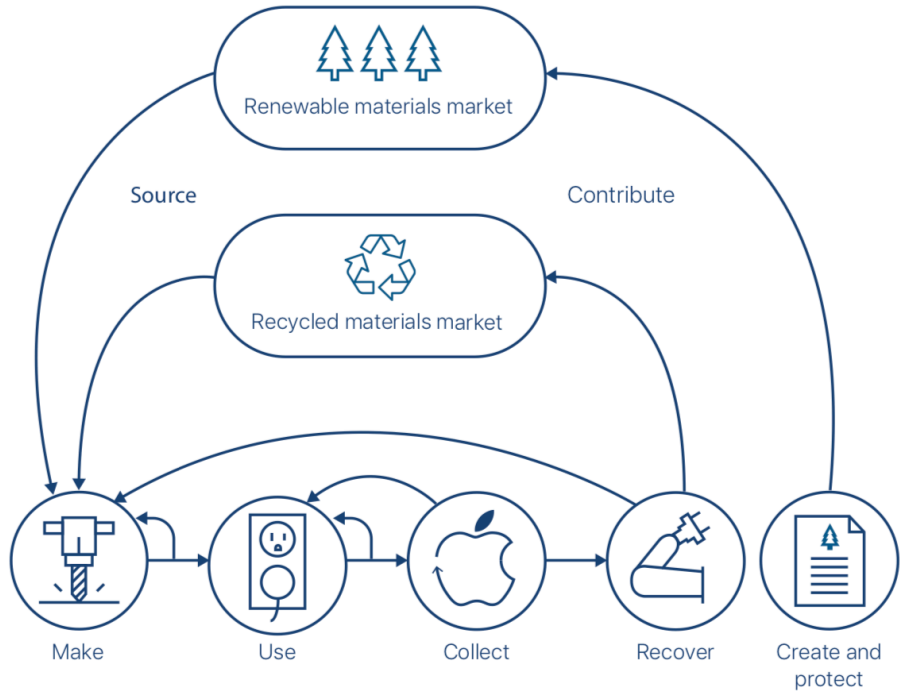
Source: Sagis EPR

Circular economy of electronics is gaining support with the global IT industry

HP's Full Circle Approach



How we define a circular supply chain



Creating a circular supply chain

- Reaching our goal means focusing on three key aspects of our supply chain:
- 1) Source strategically and make efficiently: Use recycled and renewable materials while manufacturing products efficiently to minimize use of materials.
 - 2) Use for a long time: Design products to be durable, so they can have long lives.
 - 3) Contribute: Ensure materials go back into the market for Apple or others to use.

Turning challenges into opportunities



Recommendation 1: Inventorize e-waste to know our urban mine



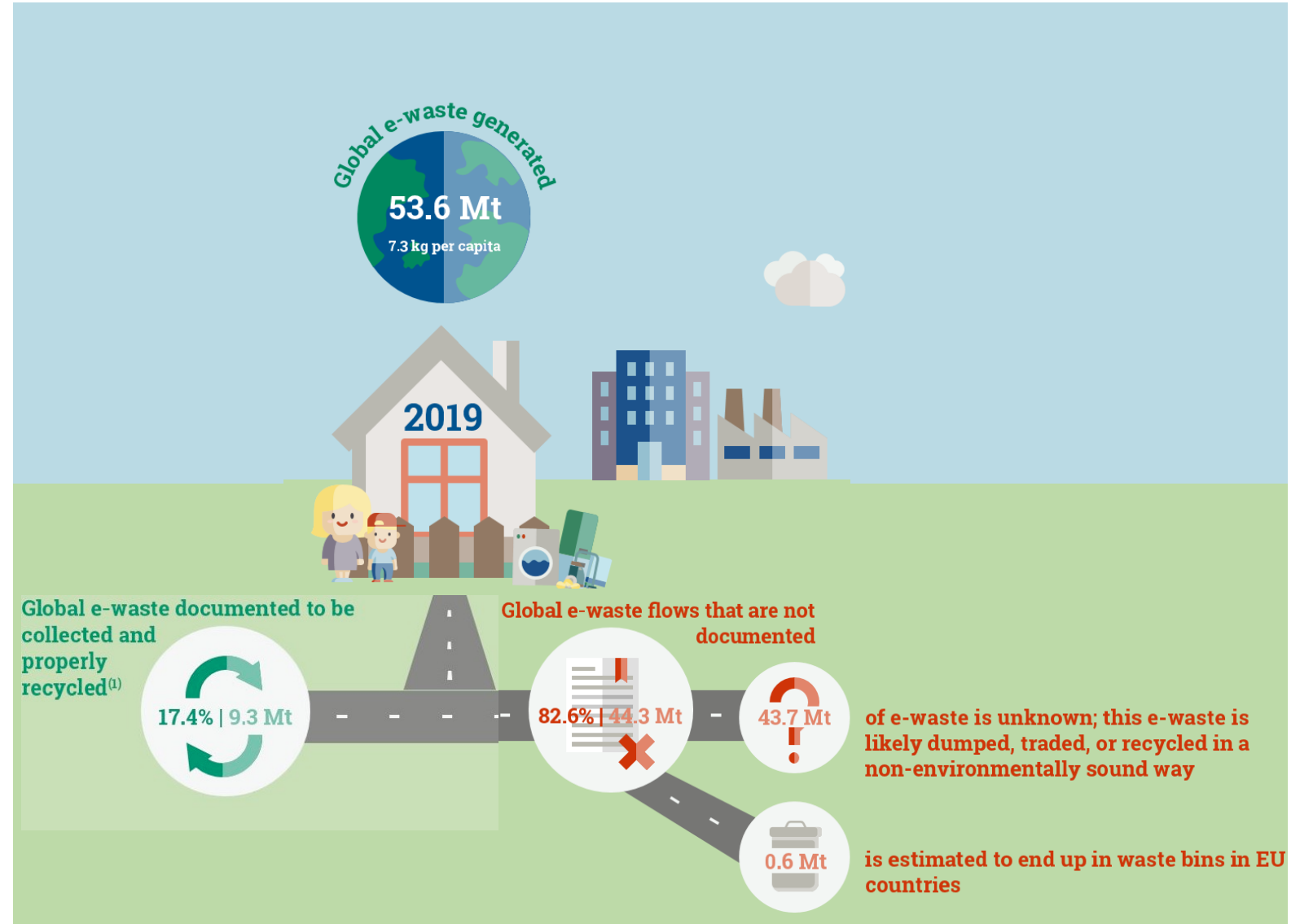
Source: ProSUM Project

Recommendation 2: E-waste imports and data transparency

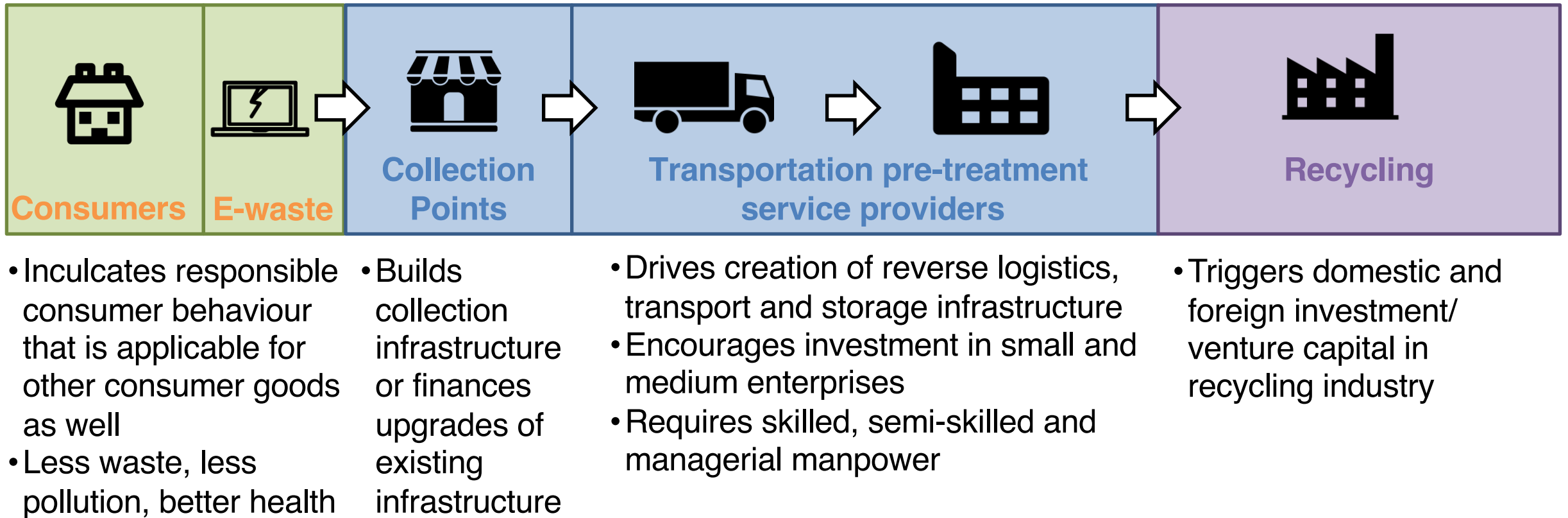
There is incomplete data on a large portion of flows globally

Basel working groups to harmonise and digitise reporting

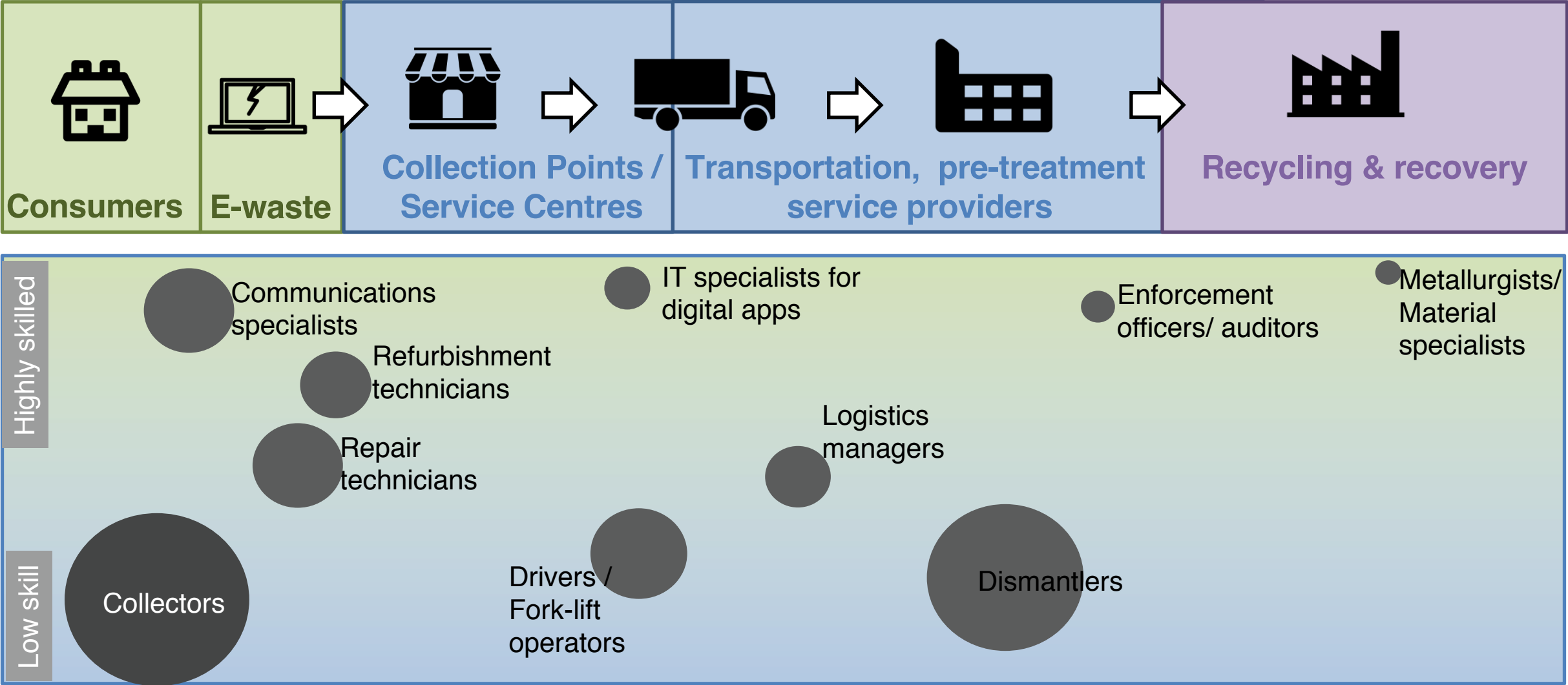
World Customs Organisation looking at HS codes for used products



E-waste management – an engine for green growth



Examples of green jobs in e-waste management



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thank you for your attention.



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