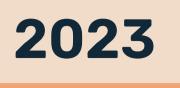


INEFFECTIVE WASTE MANAGEMENT IN CIVIL WORKS IN ARGENTINA: GLOBAL PERSPECTIVES ON EFFECTIVE WASTE DISPOSAL REGULATION

This work is an EFL engineering student project. The pictures and content in this presentation are only used for educational purposes. If there is any copyright conflict, they will be immediately removed.

Students: **DELFINA BERTOSSI AND MATÍAS GASTALDI**

Teacher: GRACIELA ELIZABETH YUGDAR TÓFALO







ADVANCES IN TECHNOLOGY



CONSTRUCTION AND DEMOLITION WASTE





NEGATIVE IMPACT ON THE ENVIRONMENT



INADEQUATE WASTE MANAGEMENT



Investigate the disposal of CDW in developed countries

Raise awareness about the pollution generated by CDW.

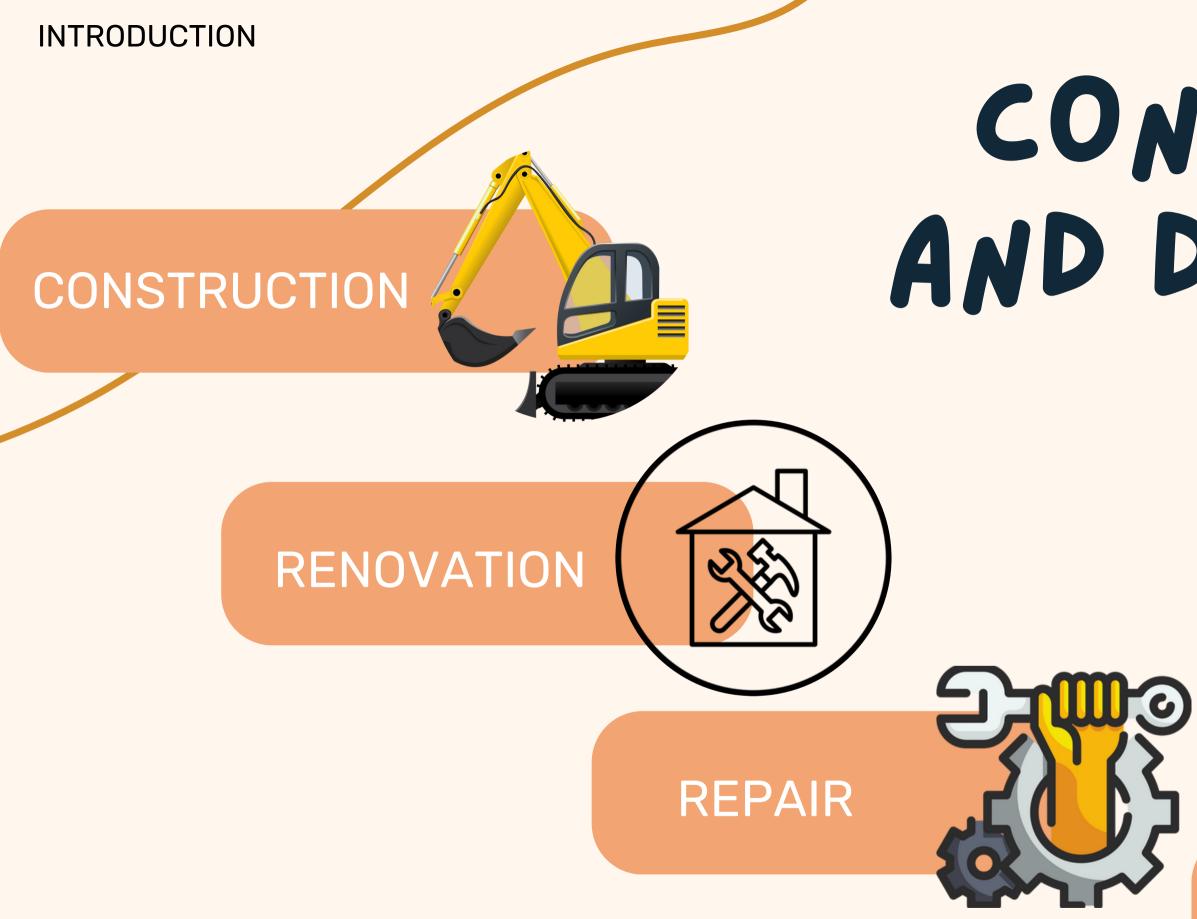




Argentina needs to adopt sustainable measures for the recycling or proper disposal of construction and demolition waste







CONSTRUCTION AND DEMOLITION WASTE

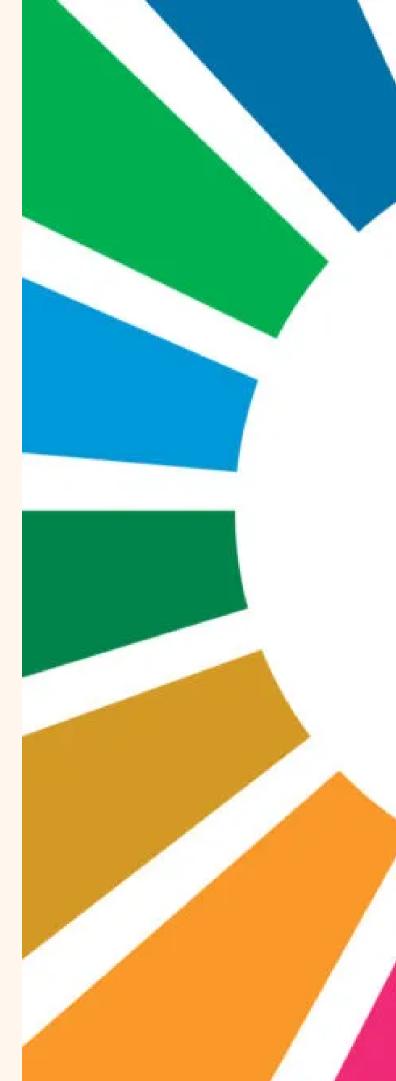
DEMOLITION





SUSTAINABLE CITIES AND COMMUNITIES

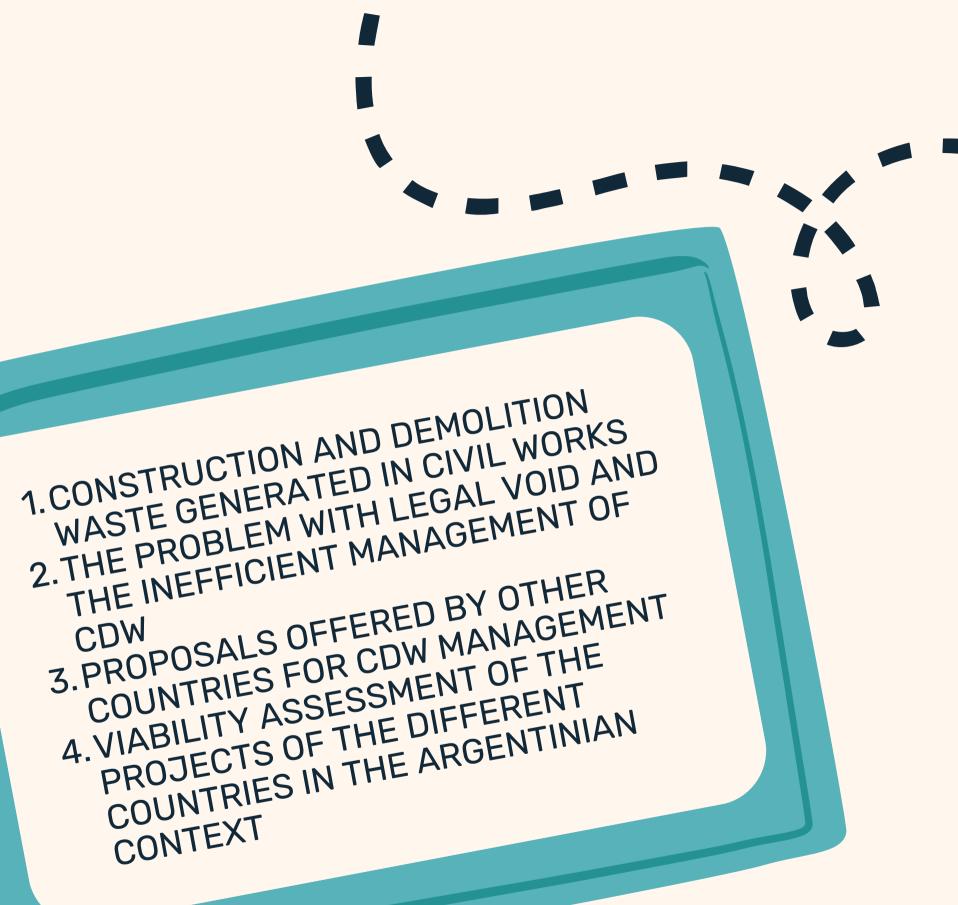




SUSTAINABLE DEVELOPMENT GALS

MAP OF PRESENTATION

CONTEXT



IMPACT WE WANT TO GENERATE

THIS UNDERTAKING IS EXPECTED TO ENHANCE PUBLIC UNDERSTANDING OF THE ENVIRONMENTAL POLLUTION CAUSED BY CDW DISPOSAL.



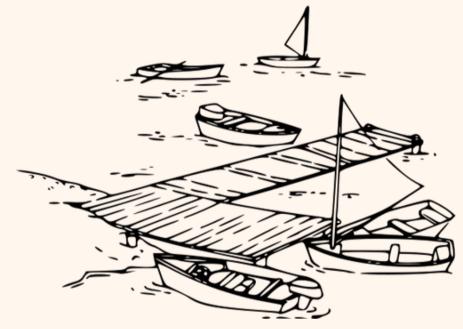


CDW GENERATED IN CIVIL WORKS

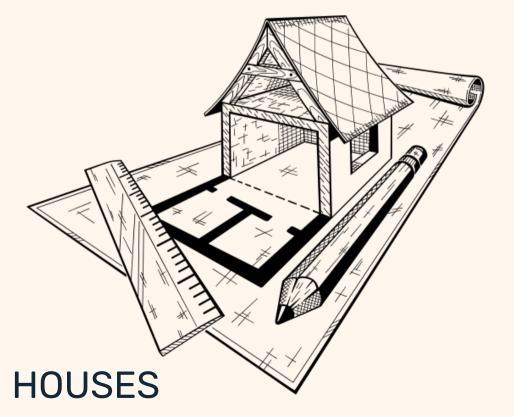


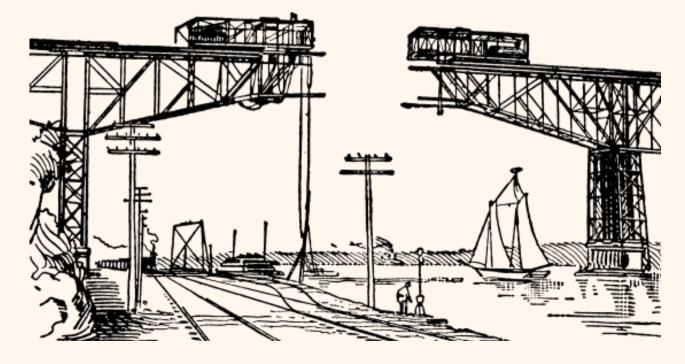
CONSTRUCTION AND DEMOLITION WASTE

PIERS









BRIDGES



DAMS

CDW GENERATED IN CIVIL WORKS

DUMP WASTE IN ARGENTINA





CDW GENERATED IN CIVIL WORKS

CLASSIFICATION

	LEGAL	
TYPE OF WASTE	CLASSIFICATION IN	
	CONNECTICUT	

Landclearing debris	Bulky waste	
Demolition waste (from buildings)	Bulky waste	Concre w
Construction waste	Municipal solid	Pallets
(from buildings)	waste	scraps, pa
Highway	Bulky waste,	Asphal
construction and	municipal solid	demolit
demolition waste	waste	
Oversized MSW	Municipal solid waste	Fu

"What is Construction and Demolition Waste?". portal.ct.gov. https://portal.ct.gov/DEEP/Waste-Management-and-Disposal/Construction-and-Demolition-Waste/What-is-CD-Waste (accessed Sep. 1, 2023).





Tree stumps, tree tops

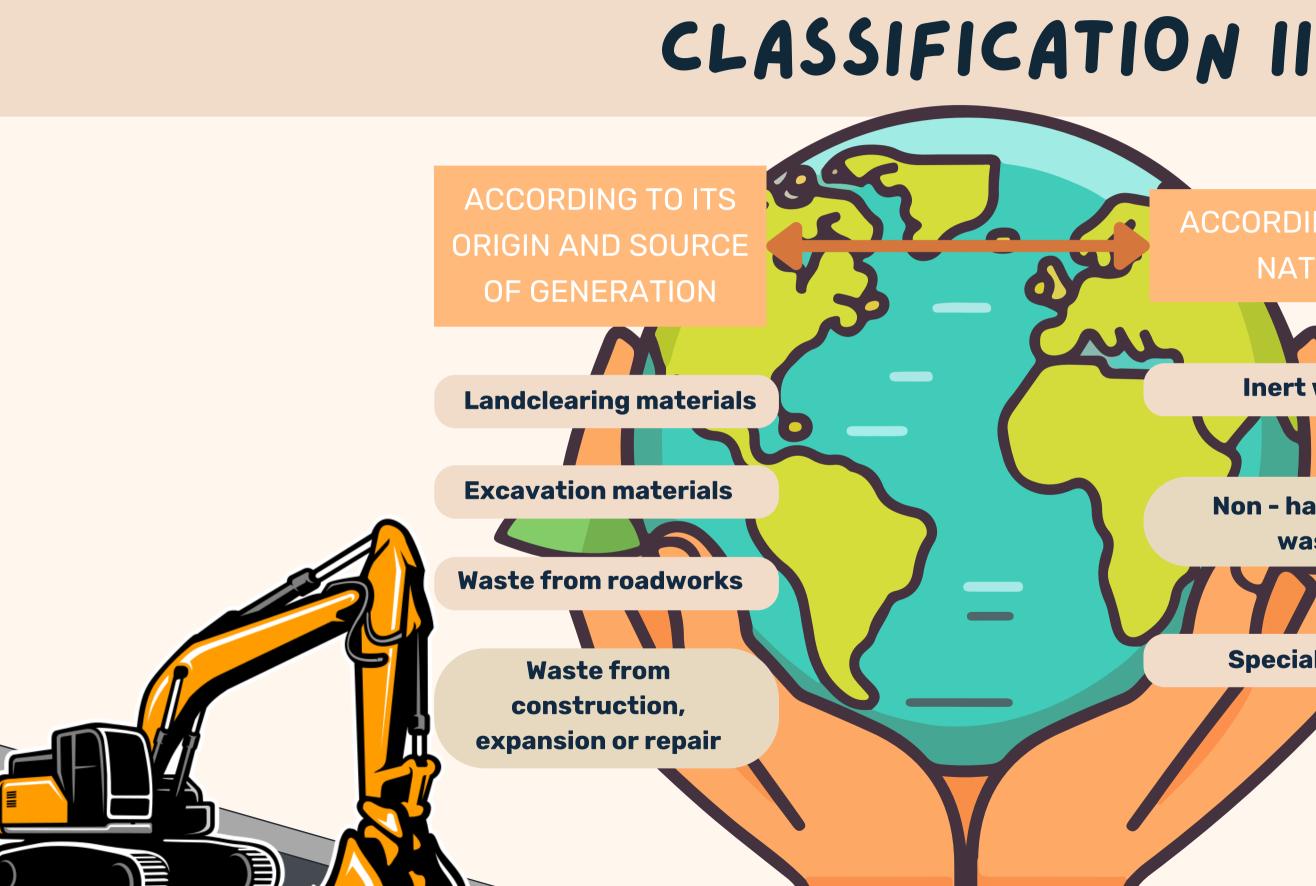
rete, wood, brick, plaster, roofing materials, wallboard, metals, carpeting, insulation

s, wood scraps, wallboard, siding and roofing packaging, carpeting. Foam padding, insulation

alt, concrete, steel, related construction and ition wastes, utility poles, railroad ties, brick, block, rock

Furniture, furnishings, carpeting, rugs

CDW GENERATED IN CIVIL WORKS









Inert waste





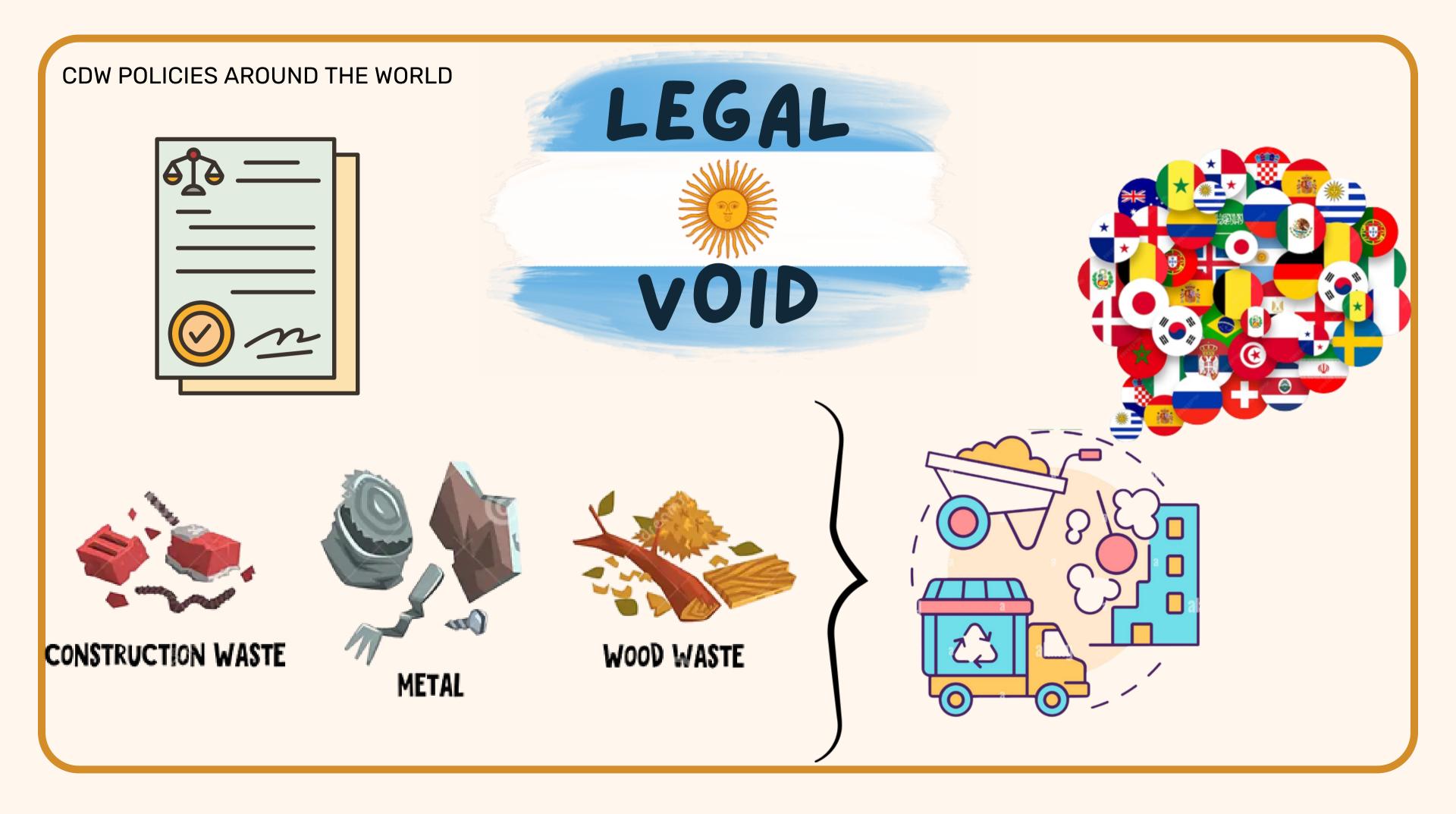
waste



Special waste













EEUU



EUROPEAN UNION

CHINA





GERMANY



CHINA

China has established a comprehesive set of policies and regulations to promote construction and demolition waste management.



THE UNITED STATES 7

The United States has state - level policies and

regulations for construction and demolition waste

management, but implementation is challenging due to

lack of resources and public awareness.



EUROPEAN UNION

The European Union has established a comprehesive waste management framework for construction and demolition waste, prioritizing prevention, reuse and recycling.



GERMANY

The management of construction and demolition waste is governed by the Life Cycle of Building Materials Act. This law mandates that construction and demolition waste should be recycled and reused to the greatest extent possible.

SOUTH KOREA

South Korea's construction and demolition waste management system is a comprehesive approach that involves government regulation, producer responsibility, industry innovation, and public education

AUSTRALIA In Australia, based on its type, construction and demolition waste is divided into different categories: recycled, reused or disposed.



















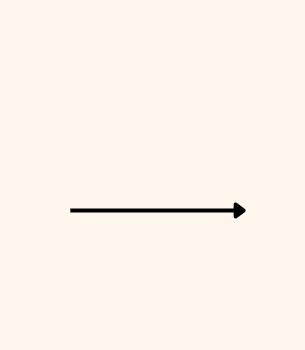














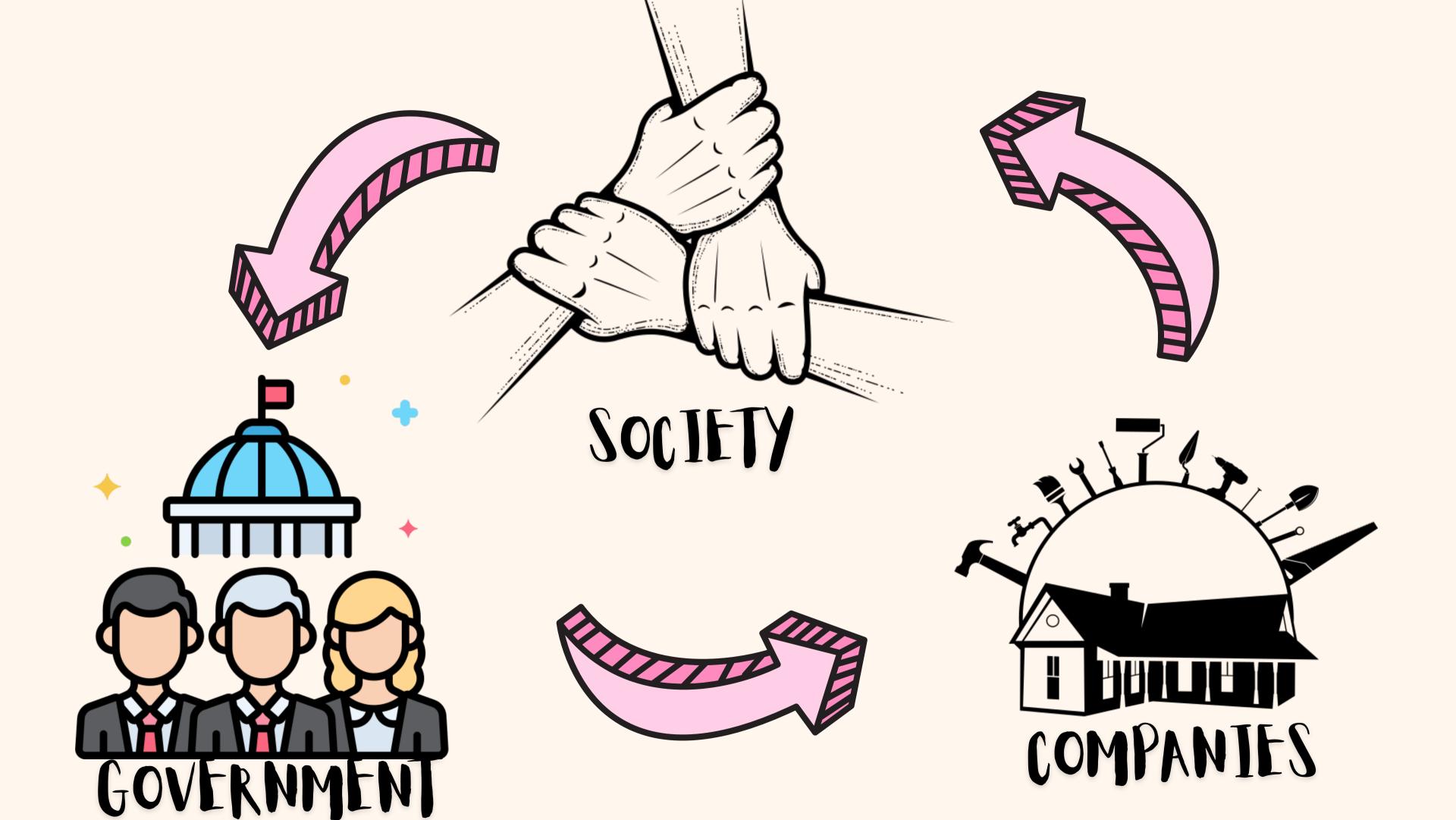






FEASIBILITY OF ASPECTS OF FOREIGN SYSTEMS OF CDW MANAGEMENT IN ARGENTINA





THE IMPLEMENTATION OF A CDW MANAGEMENT SYSTEM

ADVANTAGES

The materials that remain as waste can be reused for different purposes:

- Masonry waste can be converted into aggregates.
- Combustible waste can become alternative fuel for energy recovery.
- Non-recyclable waste can be disposed of in municipal garbage dumps.

The creation of new recycling plants would generate a new field of competition within the sector and, consequently, generate new jobs.

There would be less environmental pollution, less global warming and less gas emissions.

The transportation of waste to the plants is carried out with trucks that pollute the air with their engines. Thus, this pollution can have an unwanted negative effect on the environment.

DISADVANTAGE



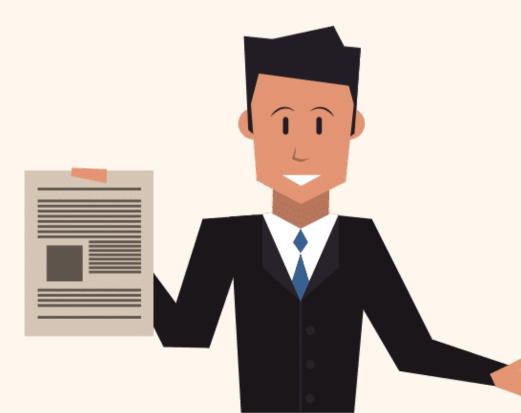






CONCLUSION











CONCLUSION



THE PRESENT

SOCIETY GOVERNMENT COMPANIES

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