

Experiences

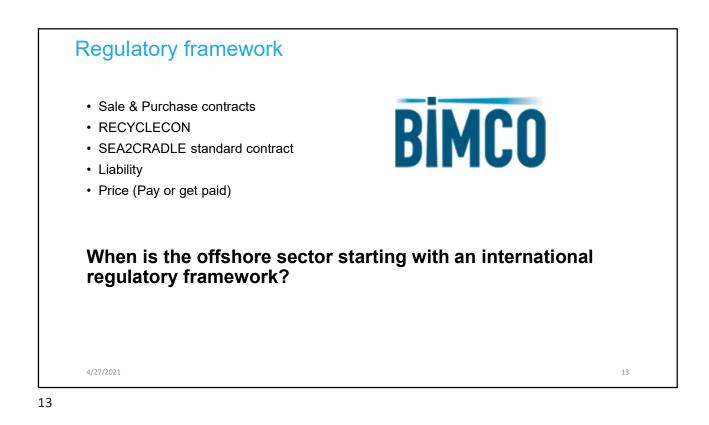
Recycling is a complicated process with many topics, each of them imposing risks for the environment and health (directly or indirectly):

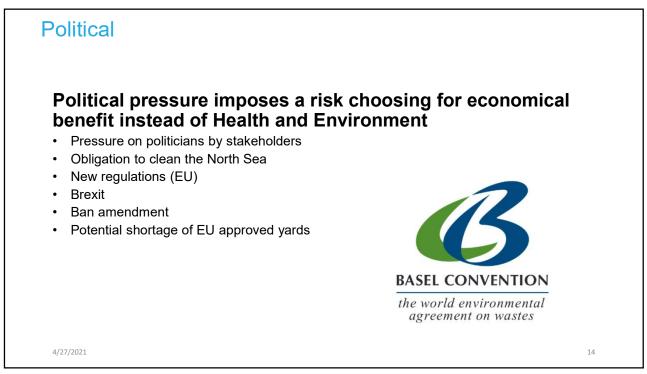
- Stakeholders
- Regulatory framework
- Political
- Public opinion
- Operational
- Health, Safety & Environment
- Technical
- Economical
- Market











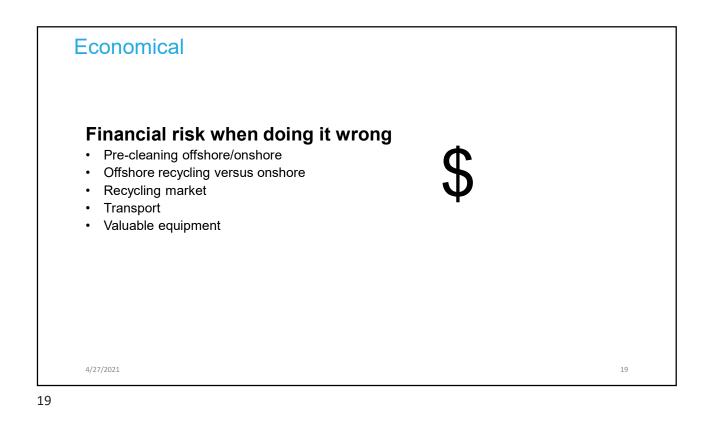


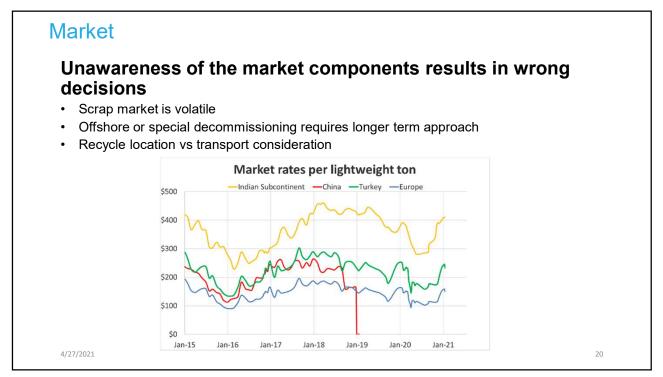












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Innovation

A lot needs to be done to reduce the risks in the recycling sector. Innovation and knowledge needs expanding and improvement:

- Cutting
 - Reduce torch cutting
 - · Investigate the use of diamond wires
 - · Cutting using water
- Cleaning
 - · NORM cleaning is a cumbersome and expensive process
 - Unawareness of MERCURY contamination
 - · Insulation, Chrome 6 and other materials not on the list of hazardous materials
 - Use of Hydro jetting and chemicals
 - Sound
- · Fully automated process

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Considerations

- Recycling is one of the most dangerous industries.
- No progress on new technics
- No EU approved recycling capacity worldwide
- Presence responsible recycling capacity worldwide
- Shortage of recycling capacity after 2027
- Pressure to do it right
- Prosecution of ship owners
- Compliance with Legal framework
- Stricter control by authorities
- Call for common approach to develop more geographic spreaded recycling capacity
- HKG convention not ratified and outdated

Sea2Cradle services	
SHIP RECYCLING	 Highest HSE standard Compliant with EU, IMO, Basel Convention and ILO legislation
SERVICES	 Inventory of hazardous materials Yard audits Brokerage Management & Operations Supervision on recycling and waste management Market research
	 > 20 Years experience > 170 Successful projects
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