



ENVIRONMENTAL ASPECTS OF MATERIAL HANDLING EQUIPMENT

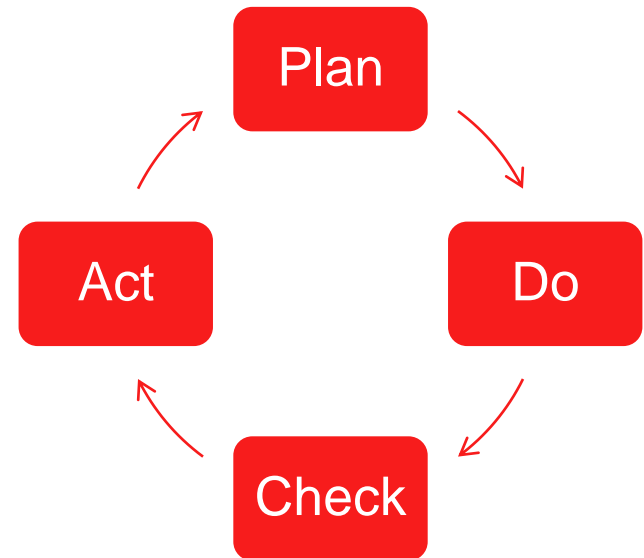
FEM Legislative Workshop, CeMAT
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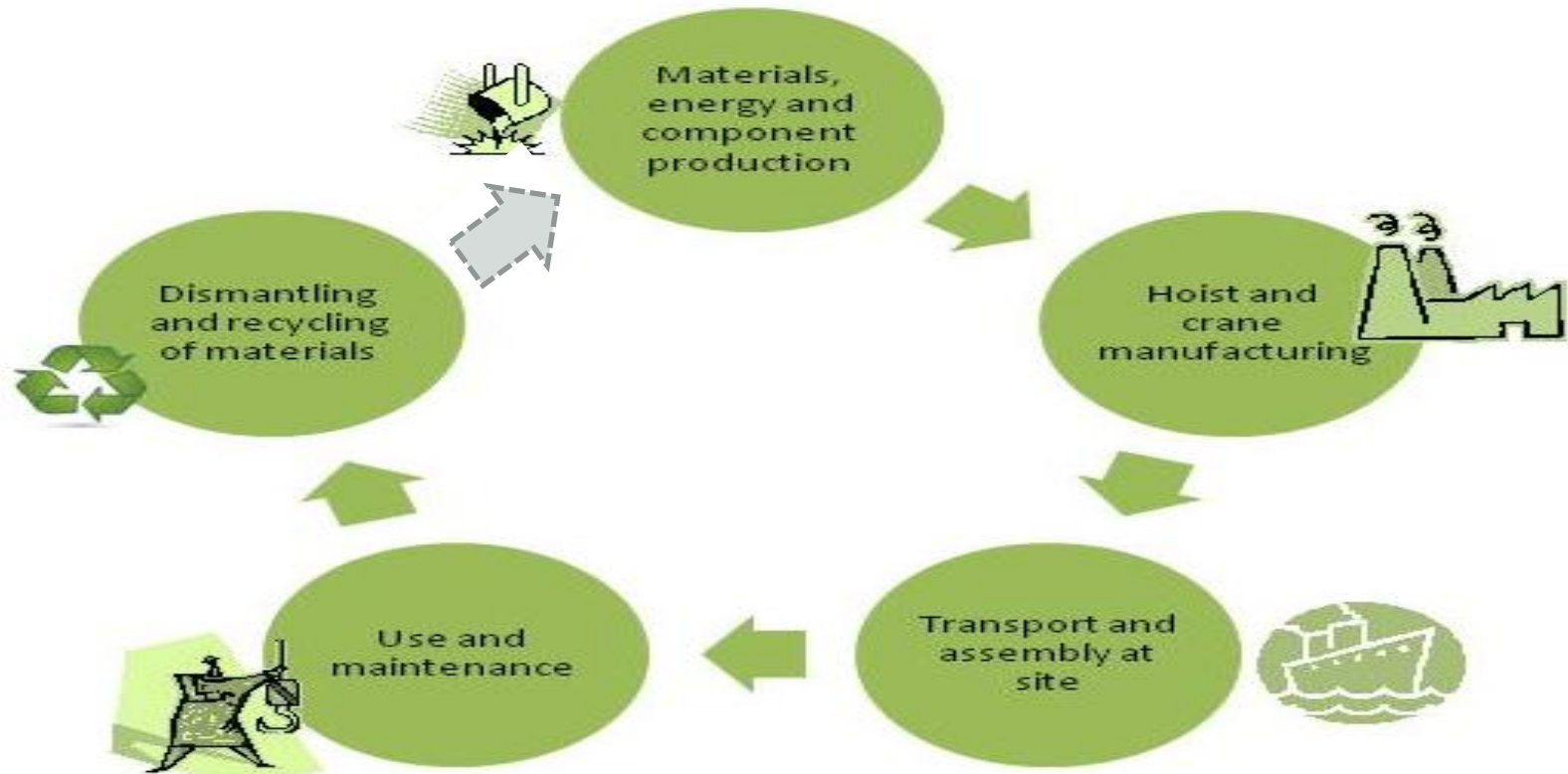
SYSTEMATIC MANAGEMENT OF EQUIPMENTS' ENVIRONMENTAL ISSUES

Steps, based on continuous improvement philosophy:

- Recognize environmental aspects and impacts (plan)
- Recognize environmental requirements (plan)
- Implement improvements (do)
- Re-evaluate that improvements do make a difference (check, if needed act)

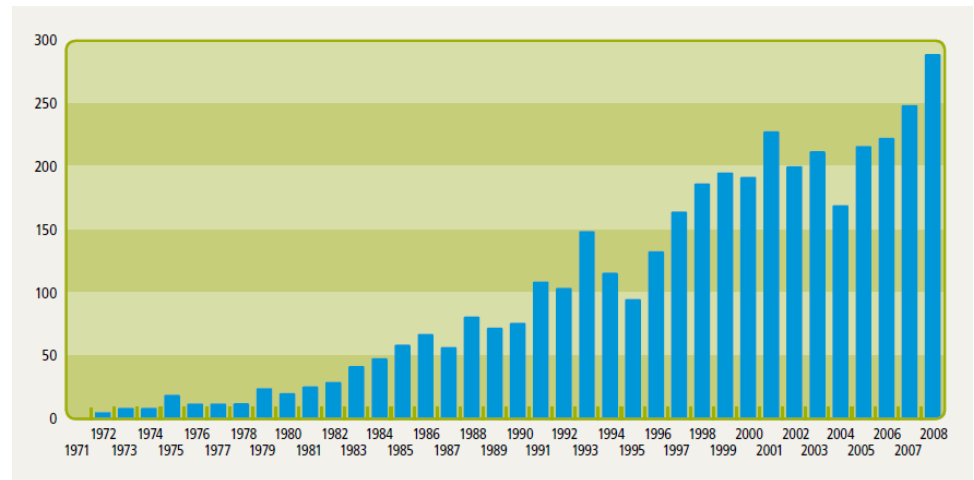


LIFECYCLE APPROACH IN RECOGNIZING ENVIRONMENTAL ASPECTS



ENVIRONMENTAL REQUIREMENTS

- Legislative requirements, for example related to:
 - Substances
 - Emissions
 - Energy efficiency
 - End of life / Producer responsibility
- Customer requirements
- Proactive voluntary improvements



Yearly accepted dossiers within EU (Eurofer 2009)



CASE EXAMPLE,

HOW TO ENSURE PRODUCT ENVIRONMENTAL COMPLIANCE

ENVIRONMENTALLY CONSCIOUS DESIGN IN PRODUCT DEVELOPMENT PROCESS

ENVIRONMENTALLY CONSCIOUS DESIGN –SEEKED PRODUCT FEATURES

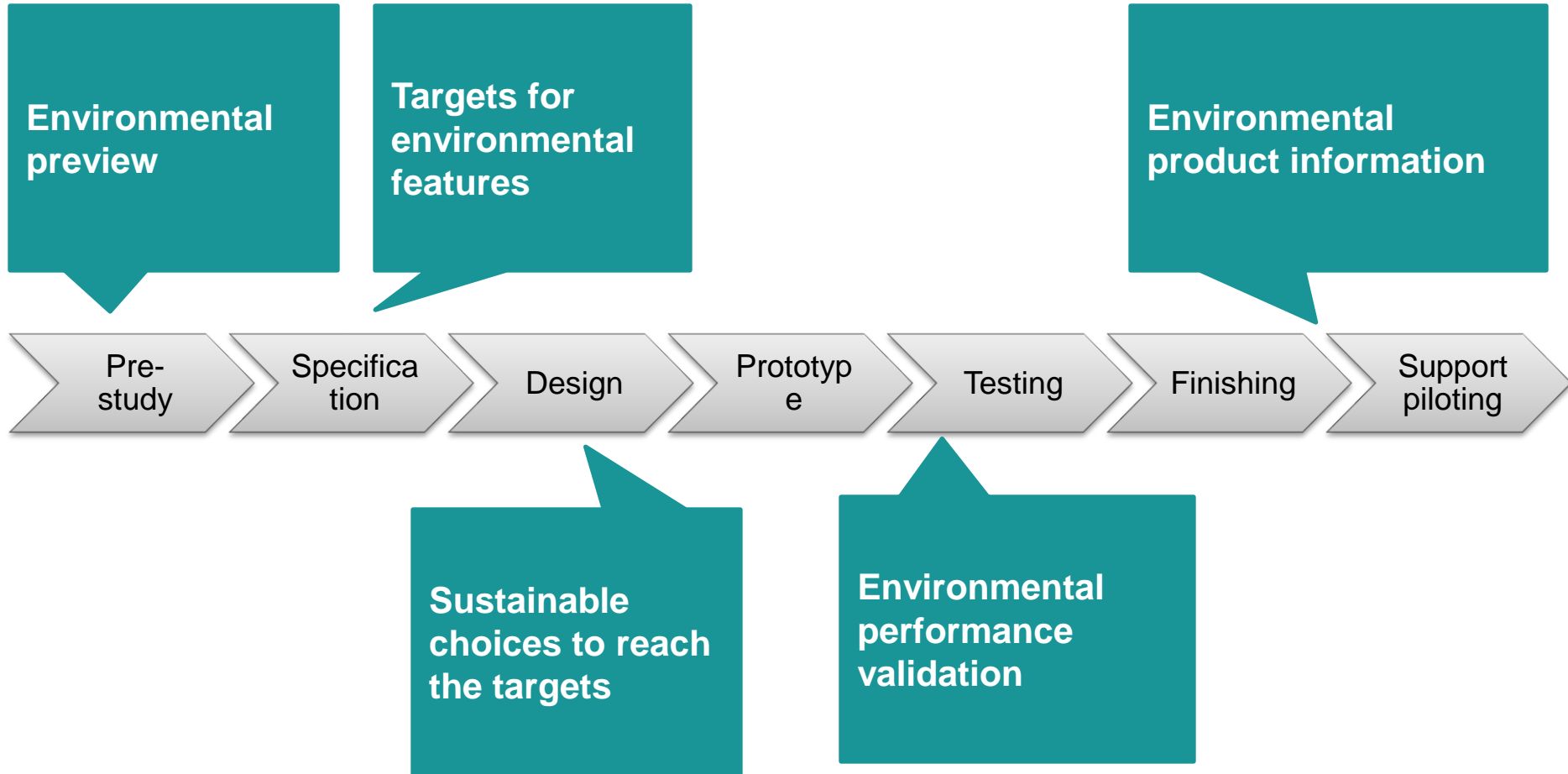
Our own mandatory product features

- Product to meet or exceed legal and other environmental requirements
- Product desired to be the market leader in eco-efficiency
- Environmental impacts of the product are known and communicated

Our own additionally sought product features

- Production is material- and energy efficient and non-toxic
- Logistics and packaging is optimized
- Use of the product is energy efficient and causes only low emissions
- Maintenance and modernization load environment as slightly as possible, but improves environmental performance of the product
- At the end-of-life the materials are returned to use

PRODUCT DEVELOPMENT PROCESS





SYDNEY
Region South Asia Pacific (SAP)

NOT JUST LIFTING
THINGS, BUT ENTIRE
BUSINESSES

