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Resource Efficient and Cleaner Production (RECP): a tool for sustainable industrial development *theory, practice and perspective under the EU4Environment Action*

Carolina Gonzalez

Department of Environment

UNIDO

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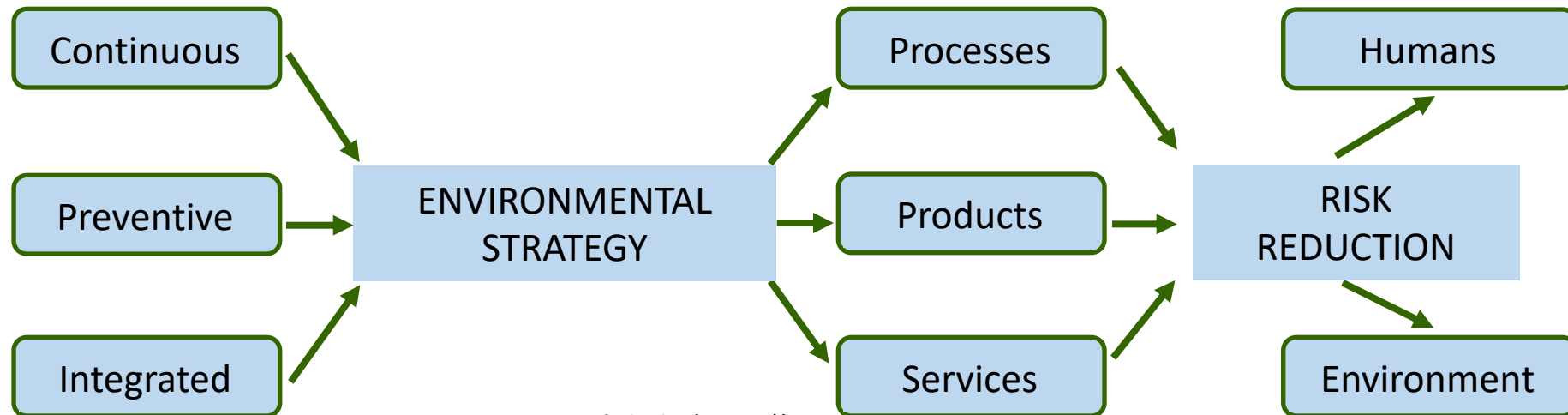




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Resource efficient and cleaner production

*“Resource efficient and cleaner production is the **continuous** application of an **integrated, preventive** environmental **strategy** towards **processes, products** and **services** in order to increase overall efficiency and **reduce damage** and **risks** for **humans** and the **environment**.”*



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Resource efficient and cleaner production sustainability dimensions

- Optimizing production efficiency & use of natural resources (**economic**)
- Reducing wastes, emissions and environmental impacts (**environmental**)
- Mitigating risks to workers, communities and consumers (**social**)



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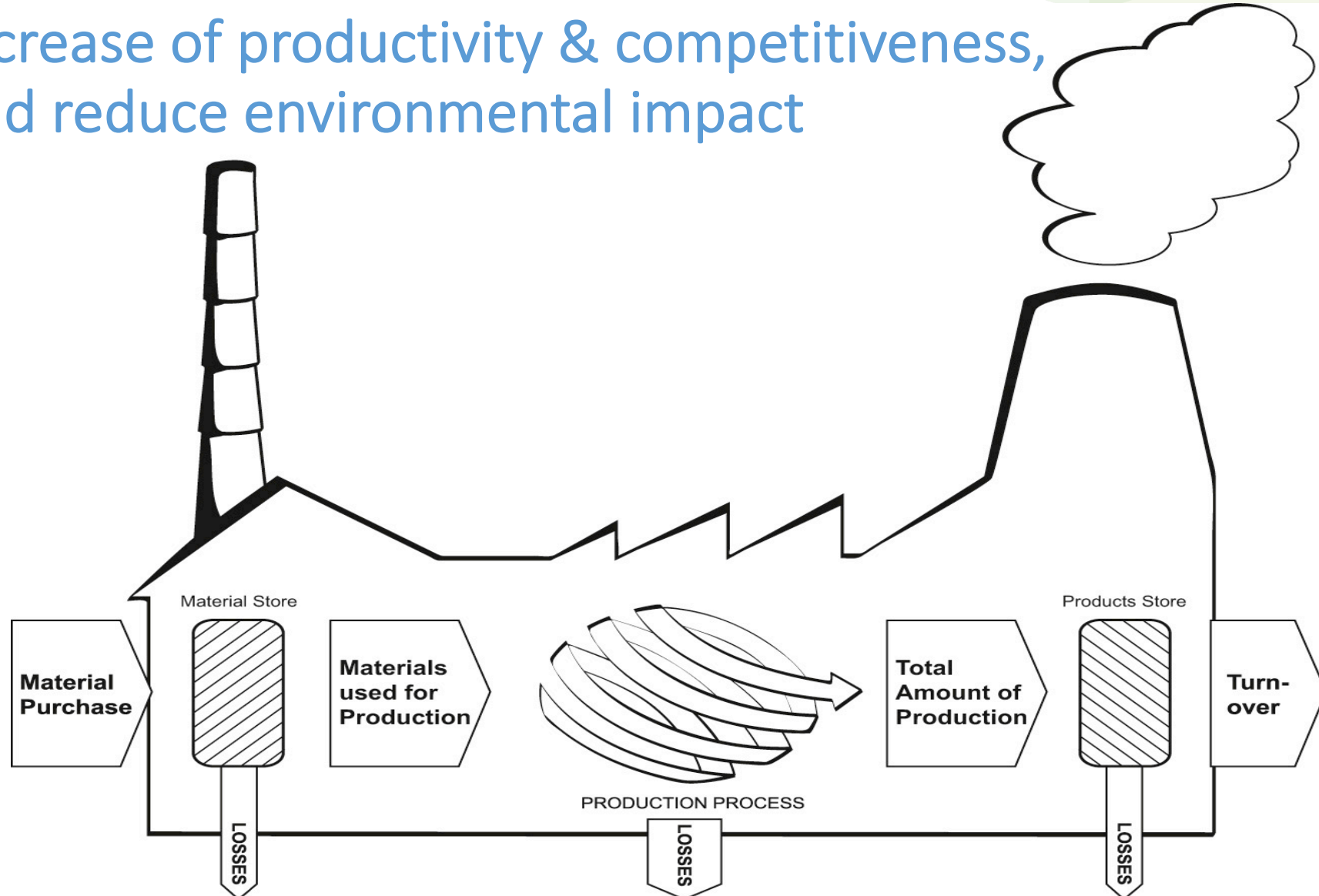


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Increase of productivity & competitiveness, and reduce environmental impact



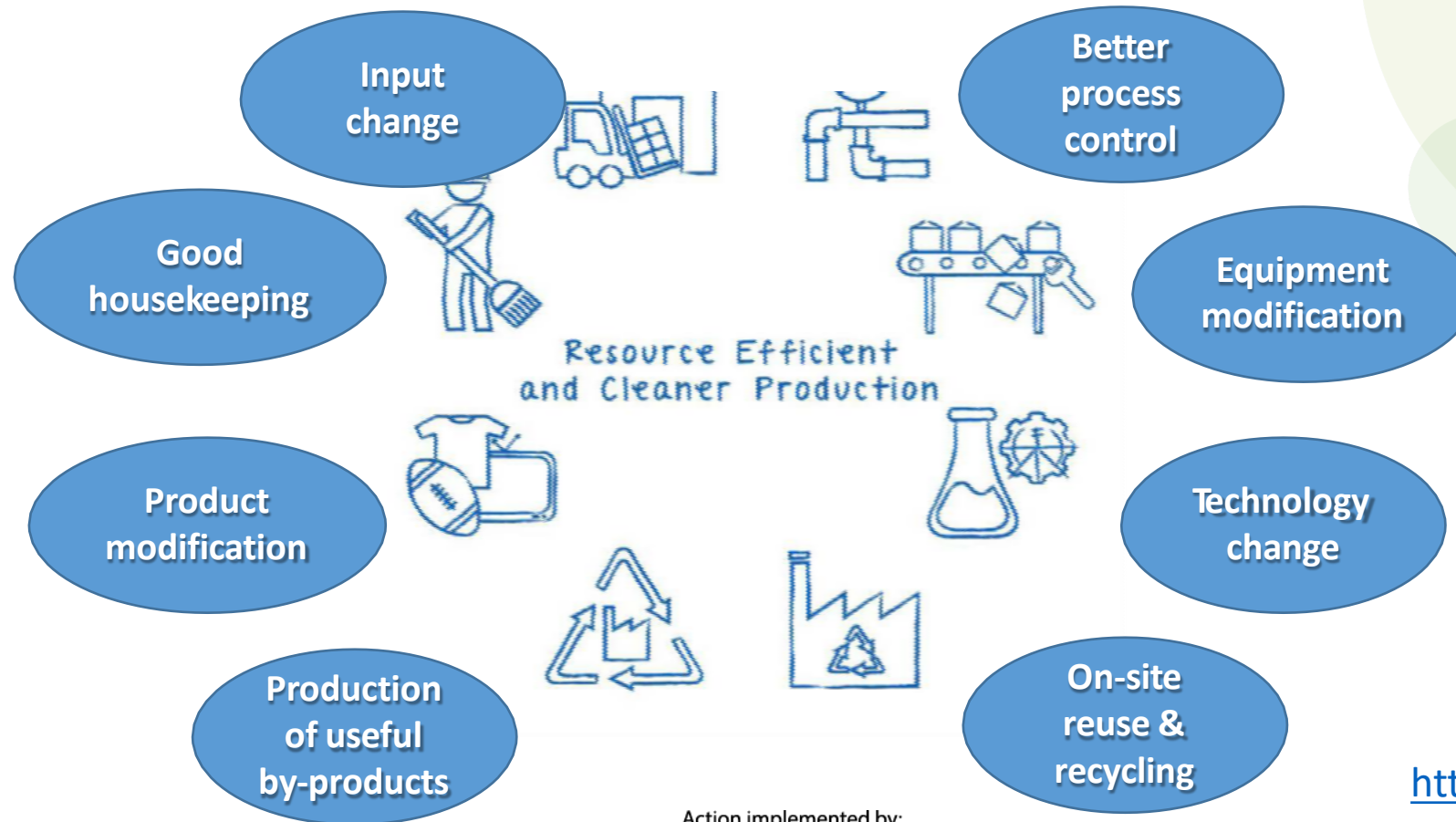


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RECP measures



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<https://www.recpnet.org/>



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EU4Environment activities

RECP

- RECP training
- RECP Assessments
- RECP Clubs (self-assessments and scaling-up)

**RECP as a
pillar of
Circular
Economy**

Circular Economy

- Industrial waste maps
- Eco-industrial parks

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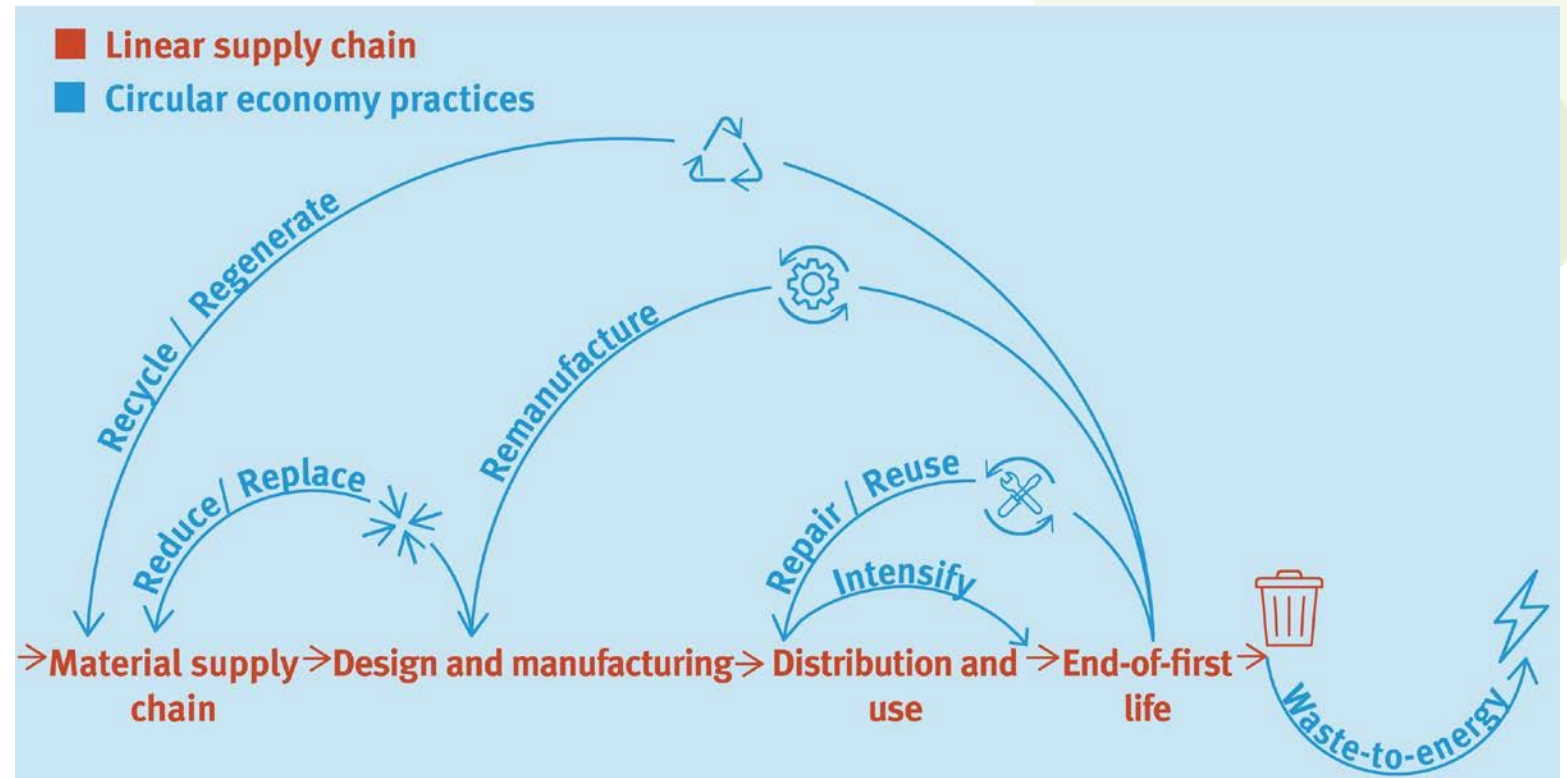
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Circular Economy practices for ISID

Circular economy is an **industrial economy that routes materials, parts and products back into use several times and creates more value and less waste. It is an alternative, in which value is maintained for as long as possible, products are designed to last, and the generation of waste is minimized.**



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In summary

- RECP is a pillar of **circular economy**
- Significant and unexploited potential for **resource efficiency and cleaner production** in industry;
- Demonstrations are key to convince **local** industry that sustainable production is a sound business strategy within their local context;
- Through these best practices industry can become engaged and have a significant impact in **Sustainable Development**;

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