

COST Action FP1407: Understanding wood modification through an integrated scientific and environmental impact approach (ModWoodLife)

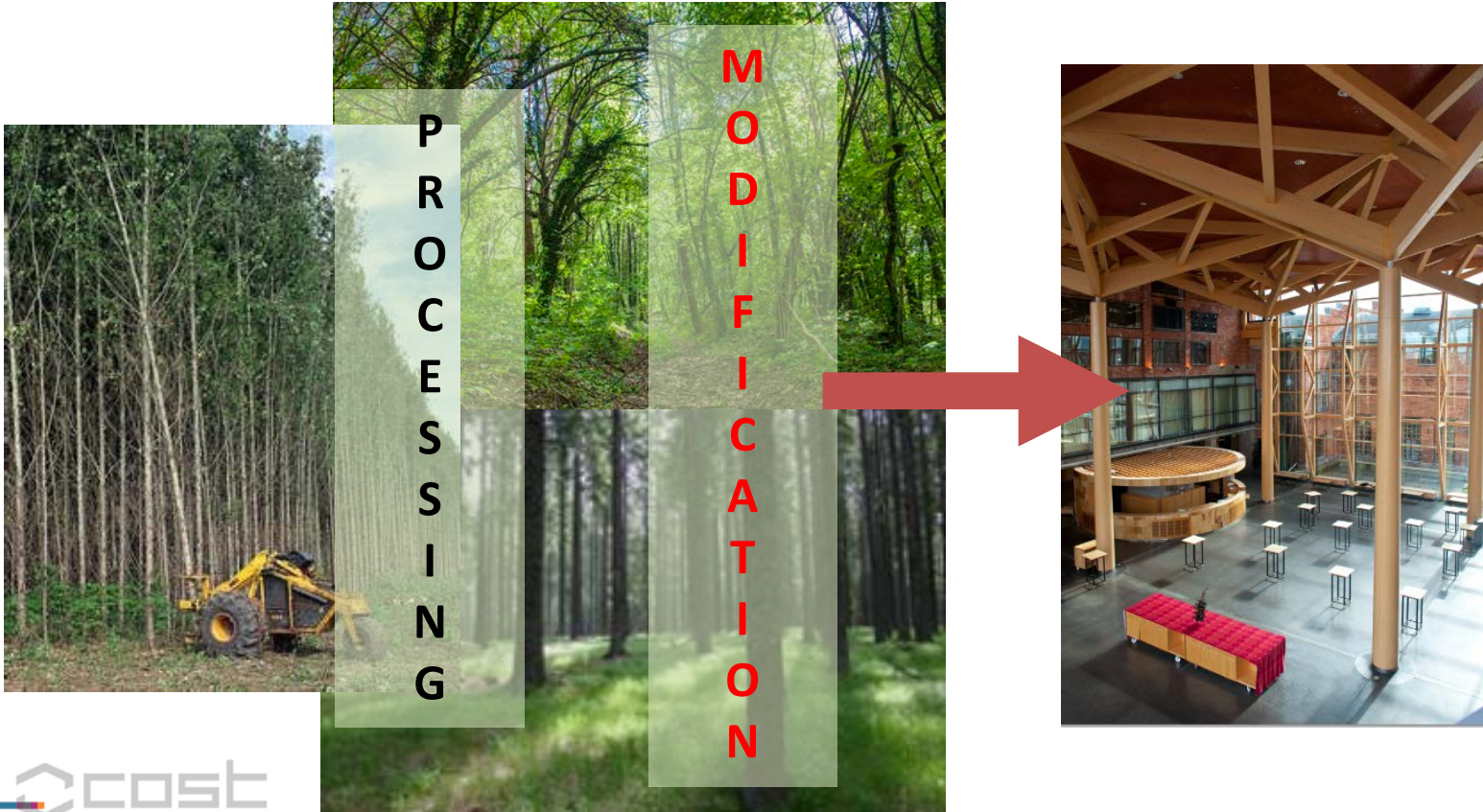
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Characterize the relationship between modification processing, product properties, and the associated environmental impacts
maximize sustainability and minimize environmental impacts



COST Action FP1407 – WHY?



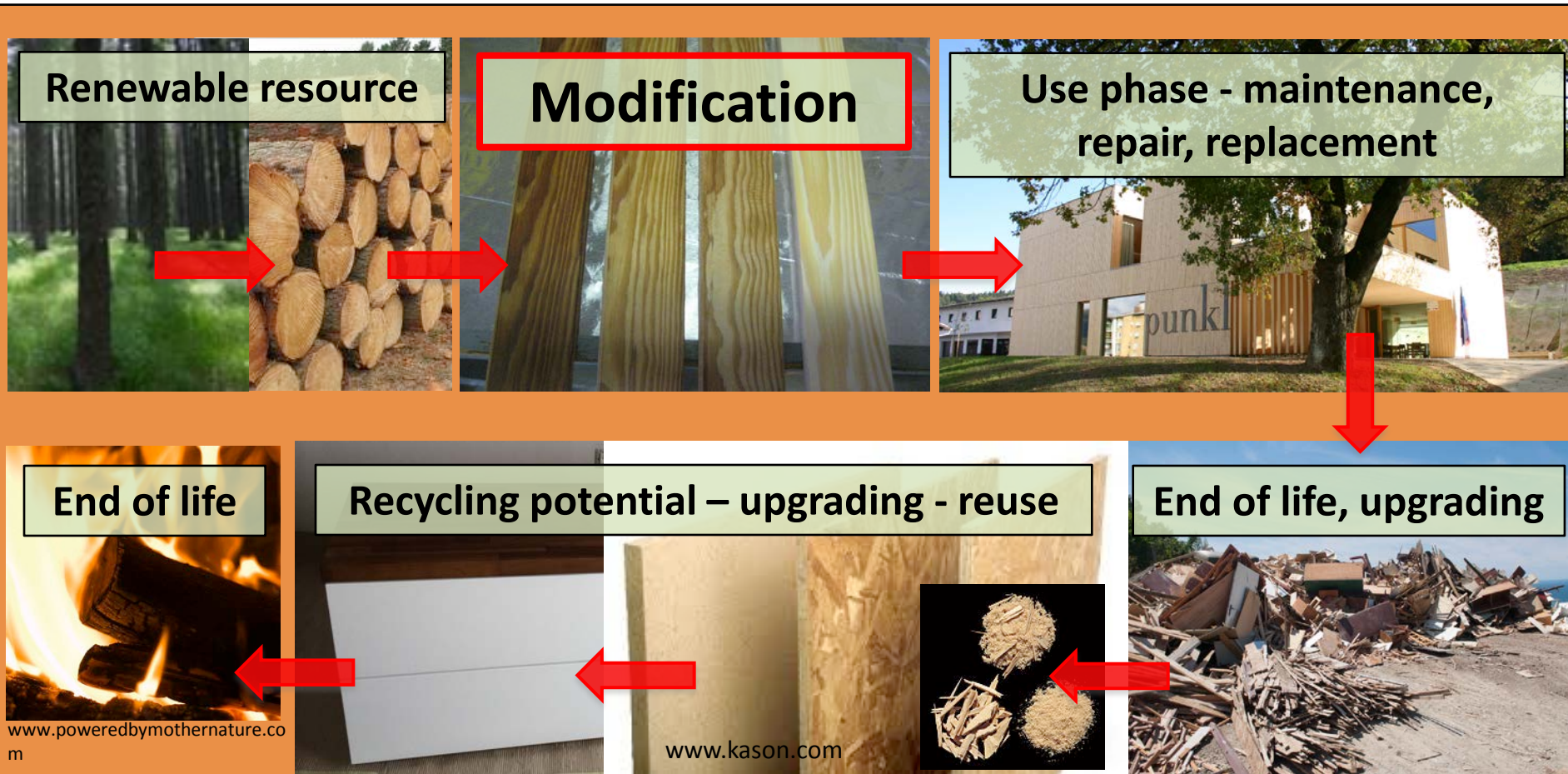
1. **Holistic understanding** of environ. impacts in full life cycle
2. Use phase - role of maintenance, repair, refurbishment, replacement
3. End of life – deconstruction, demolition, waste processing
4. Benefits and loads - **reuse, recovery, recycling potential**
5. Modified wood in **cascade use** of wood

6. Country specific and geographic **factors**
7. **Harmonization** of PCRs and EPDs
8. Internationally agreed accounting procedures
9. EPDs of modified wood
10. **Up-grading concepts** and end of life options of modified wood
11. Standardization – whole life cycle

Modification – product - environmental impacts in the whole life cycle



integrating results * developing EPDs * low carbon bio-economy



Cascading, carbon storage, LCA, Environmental Products Declarations

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WG1: Product Category Rules

based on **detail understanding of modification processes**.
Evaluation of current PCRs and adoption where appropriate.

WG2: Life Cycle Assessments

commercial modification processes and **incorporating them into product development**.

WG3: Environmental Products Declarations

environmental product declarations and **harmonization** between various national EPDs in the field of wood modification.

WG4: Integration, Dissemination and Exploitation

+ strong network with the relevant industrial stakeholders.

You are most welcome in FP1407!!!



Thank you!