

BEACON

From plants to products
O blanhigion i gynhyrchion

Trisha Toop

Postdoctoral Research Assistant in Life Cycle Analysis



Life cycle assessment,
economic analysis
and system
optimisation.

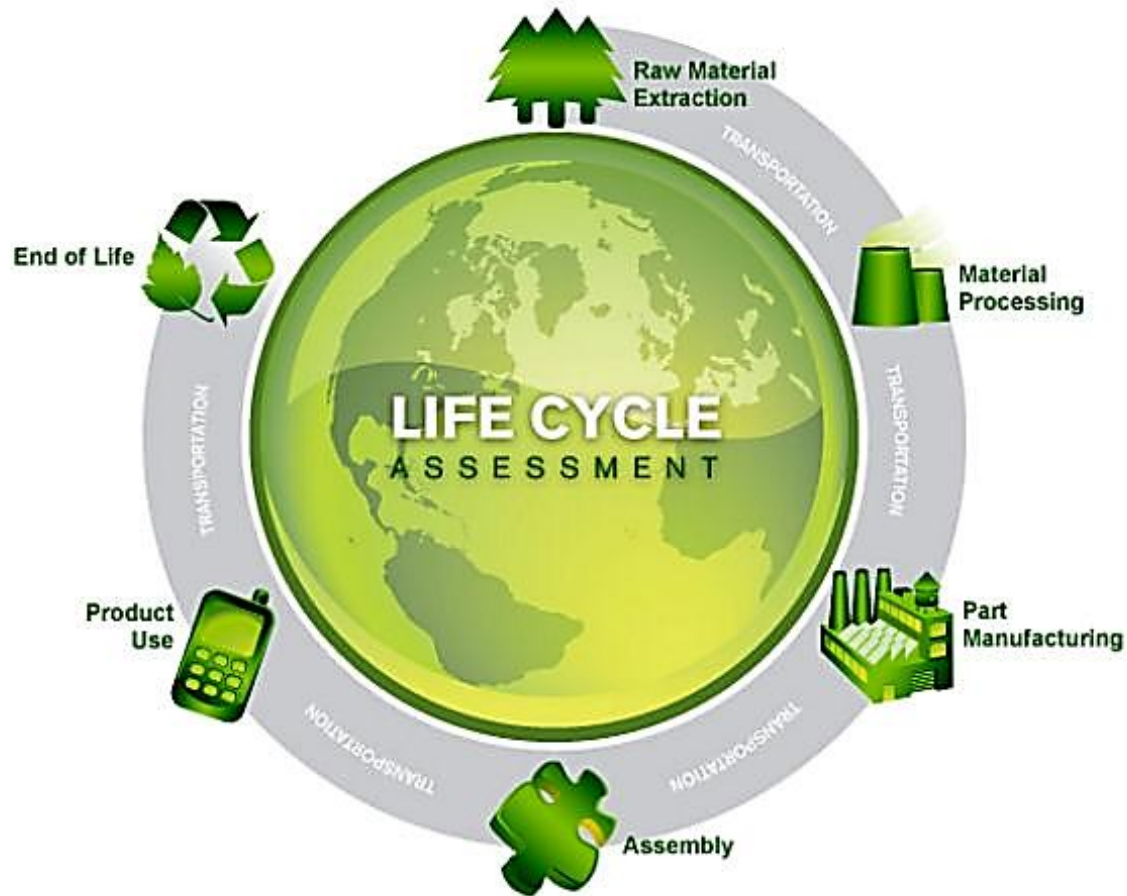
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Life Cycle Assessment

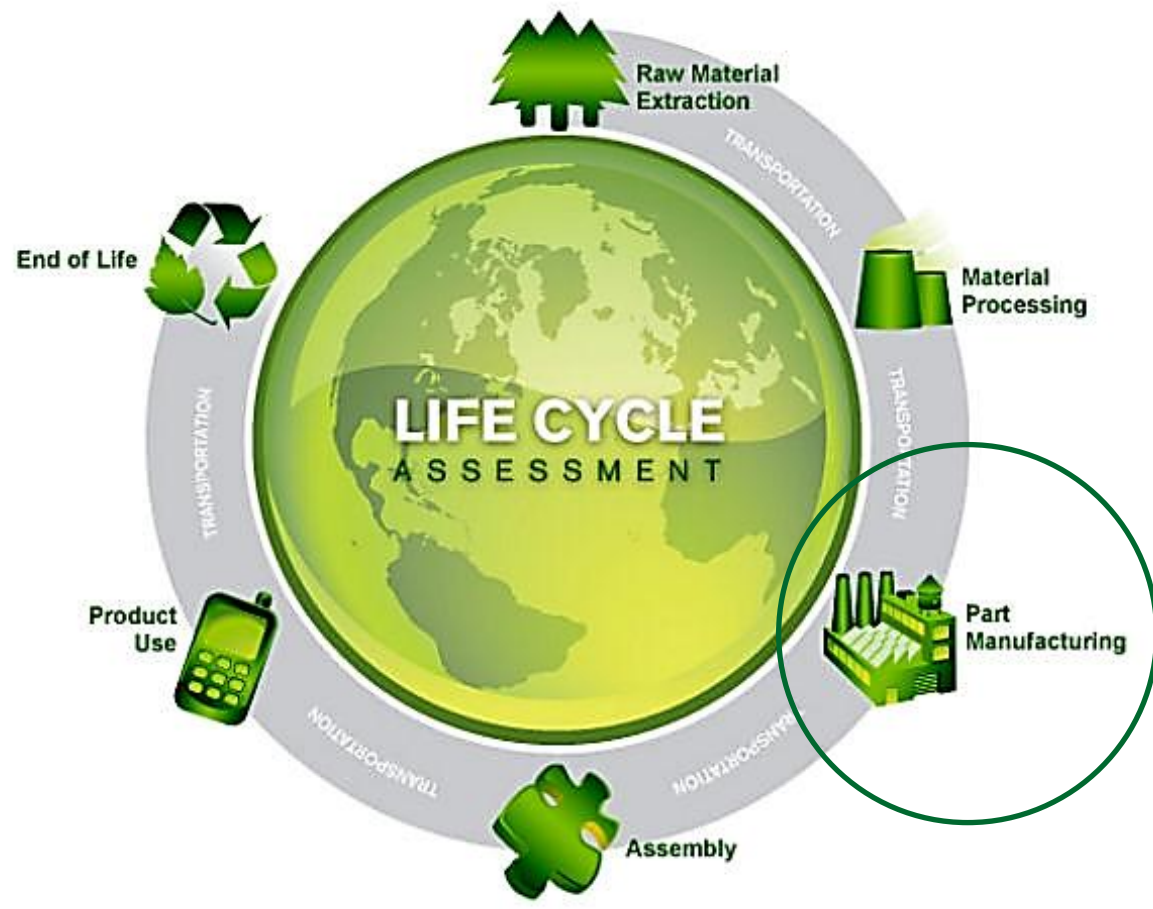
- Also known as: Life Cycle Analysis or LCA
- It is a **systematic approach** to identifying, measuring, documenting and interpreting the **environmental consequences** of a product.

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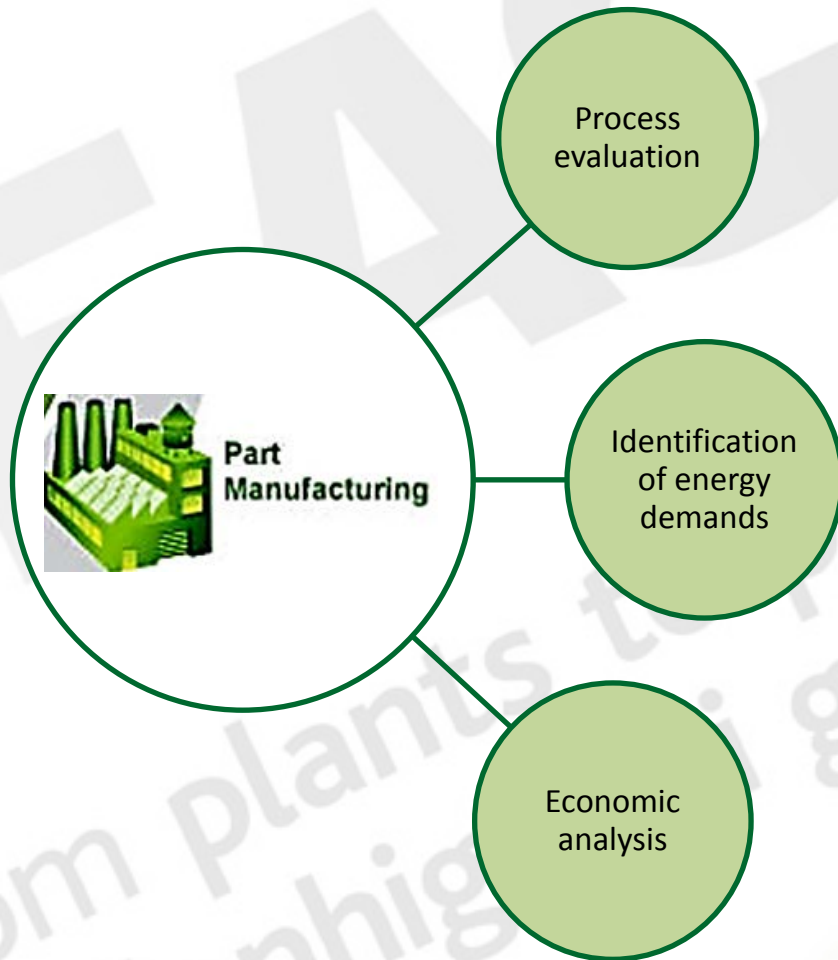
Looks at entire product life cycle.



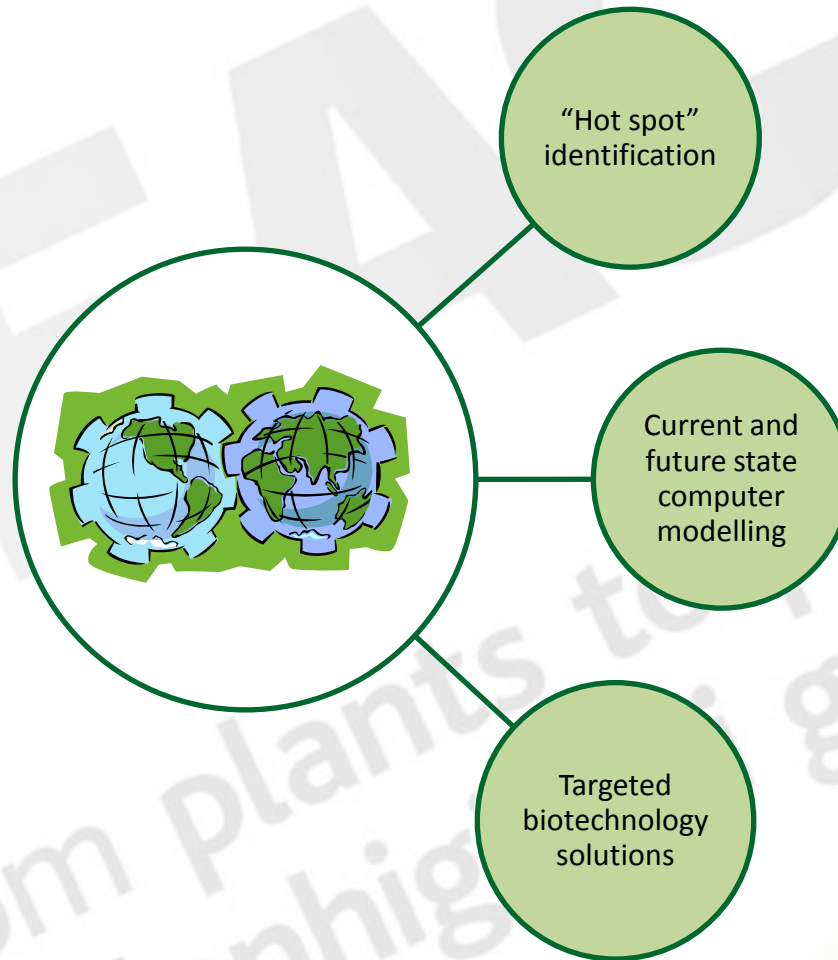
Or focuses on a specific section.



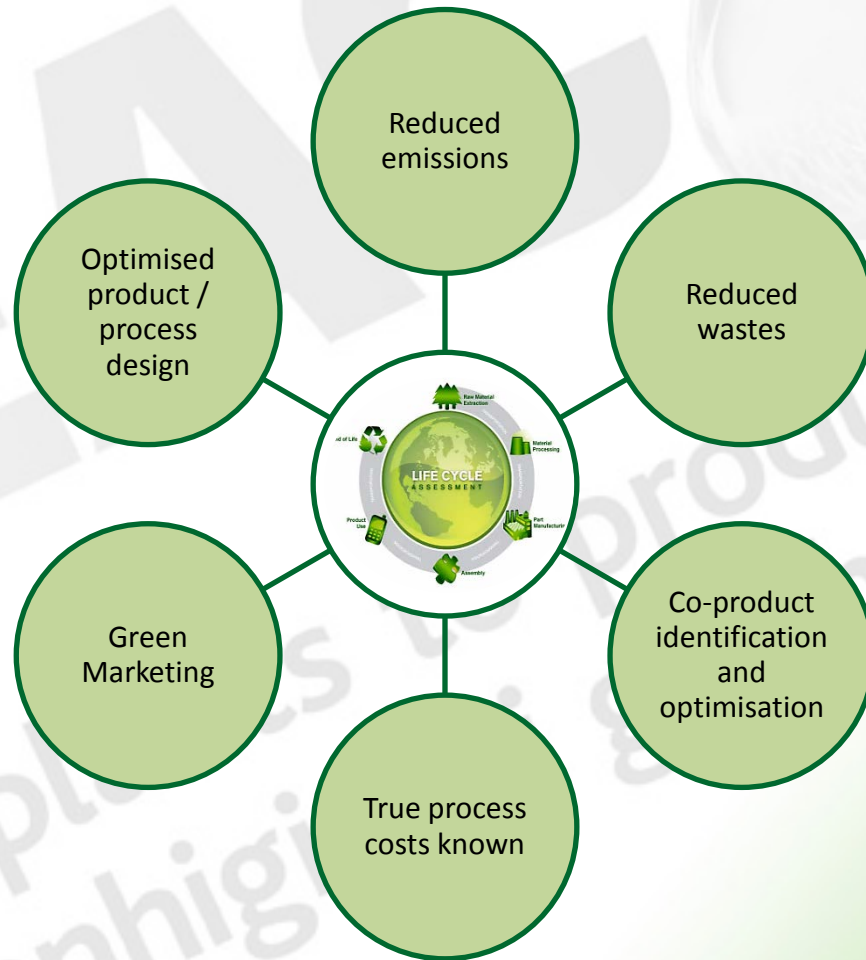
In-depth analysis.



Process improvement.



Benefits to business.



BEACON capabilities.

- Full and partial LCA
- Expertise in biotechnology
- Process evaluation
- Improvement techniques
- Computer modelling

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Expertise that maximises financial benefit for products / processes whilst minimising environmental impacts.

We can make a difference to your business.

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