

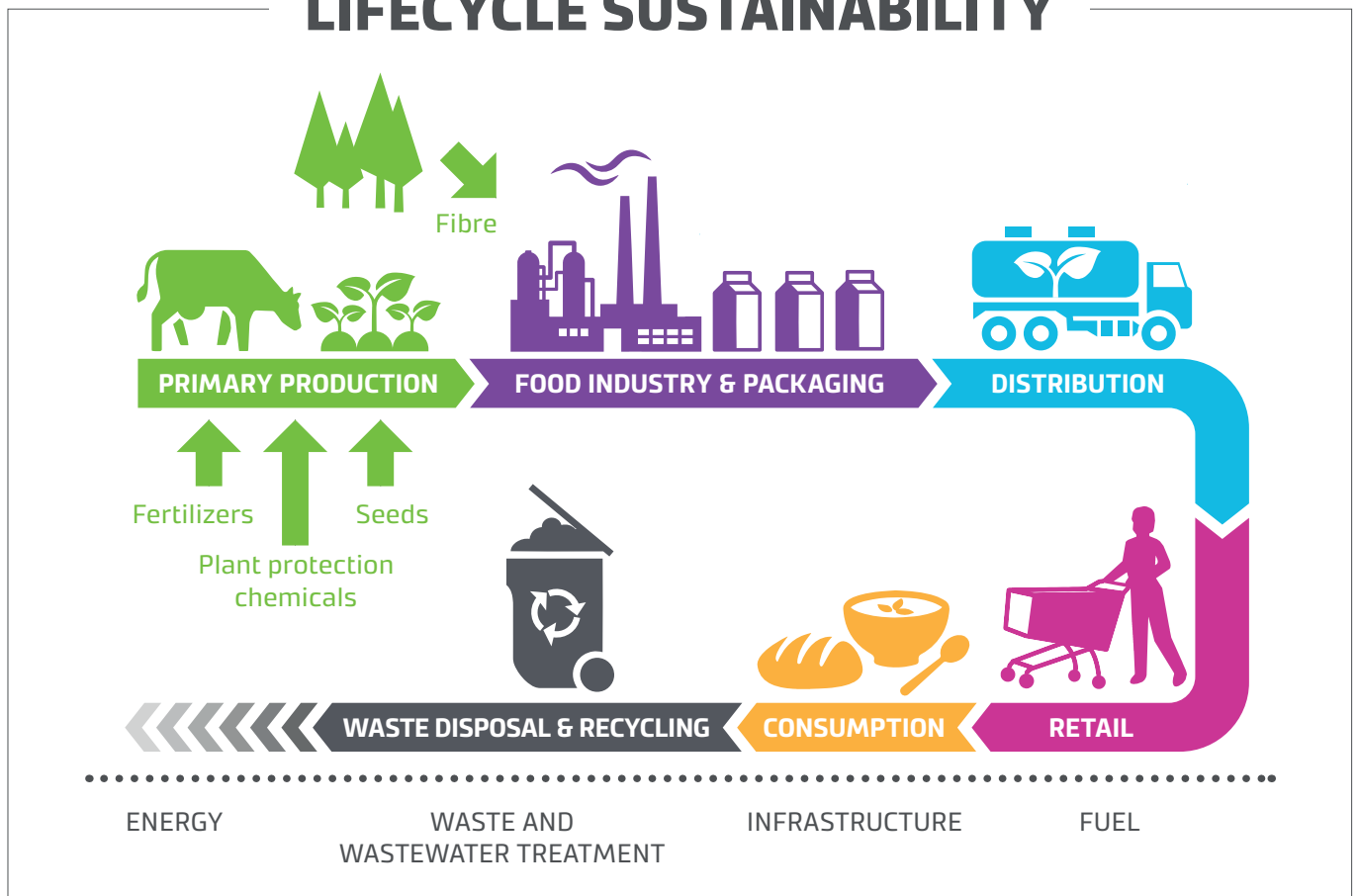
# Environmental Sustainability Assessment and LCA comparisons for packaging

Luke provides environmental sustainability (LCA) assessment of product and packaging systems for companies. We do quantitative, life cycle based assessment in close cooperation with our food industry and packaging customers bringing latest international and national scientific progress for your use.

## Luke's expert services provide answers:

- How to understand and identify environmental hot spots of the food and packaging chains and systems?
- What is the environmental sustainability of your packaging and products?
- Have new bio based packaging materials and solutions smaller environmental footprint than fossil based solutions?
- How can we assess reliably environmental footprint of new packaging solution?
- What is the carbon footprint of your products and packaging.

## LIFECYCLE SUSTAINABILITY



### What we offer:

- More than 20 years' experience on development and applications of life cycle assessment (LCA) and other environmental performance evaluation for food products and packaging (plastic, multilayers, biobased and fibre packaging, metal, glass etc.)
- Broad biological and technological competence on valorization processes and supply chains of green and blue bioeconomy and food chain.
- Large background and primary LCA data sets on food and fish products and agriculture.
- Experience in benchmarking and comparison of bio based materials and solutions against alternative ones.
- Carbon, water and nutrient footprint calculation and other sustainability assessment services.
- Unique FoodPrintTools guideline developed for reliable carbon footprint assessment of food products.
- Verified environmental sustainability information and related claims, e.g. need of EPDs is increasing.

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*Luke is research and expert organization providing services and solutions in the area of circular economy and bioeconomy.*

