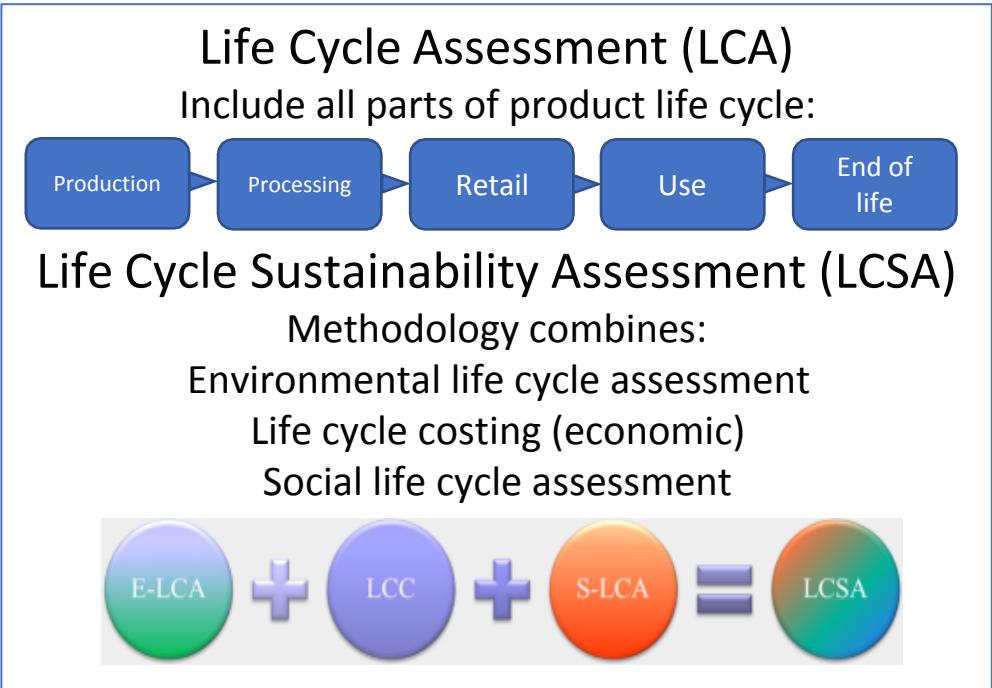




Aim: to determine whether increased use of sweeteners & sweetness enhancers (S&SEs) offers a sustainable pathway to healthier diets, combatting obesity and improved food security in the EU. Comprehensive sustainability assessment requires analysis of each of the environmental, economic & social dimensions of the whole system involved in the producing and using S&SEs. LCSA is our key methodological approach for this.



Main Tasks

- **5.1 Environmental LCA** on S&SEs in selected case-studies
 - *5.1.1 Scoping work on potential S&SEs and food products*
 - *5.1.2 Attributional environmental LCAs (eLCA), incl. ISO critical review*
 - *5.1.3 Consequential LCA (cLCA)*
- **5.2 Social LCA (sLCA)**
- **5.3 Life Cycle Costing (LCC)**
- **5.4 Life Cycle Sustainability Assessment (LCSA) integration and extension**
 - *5.4.1 Integrate eLCA, sLCA & LCC results under the UNEP LCSA framework*
 - *5.4.2 Complementary sustainability perspectives e.g. UN-SDGs, value chain*
- **5.5 Transfer LCA/LCSA inventory data and methods to external public users**