

ESA LCA DATABASE

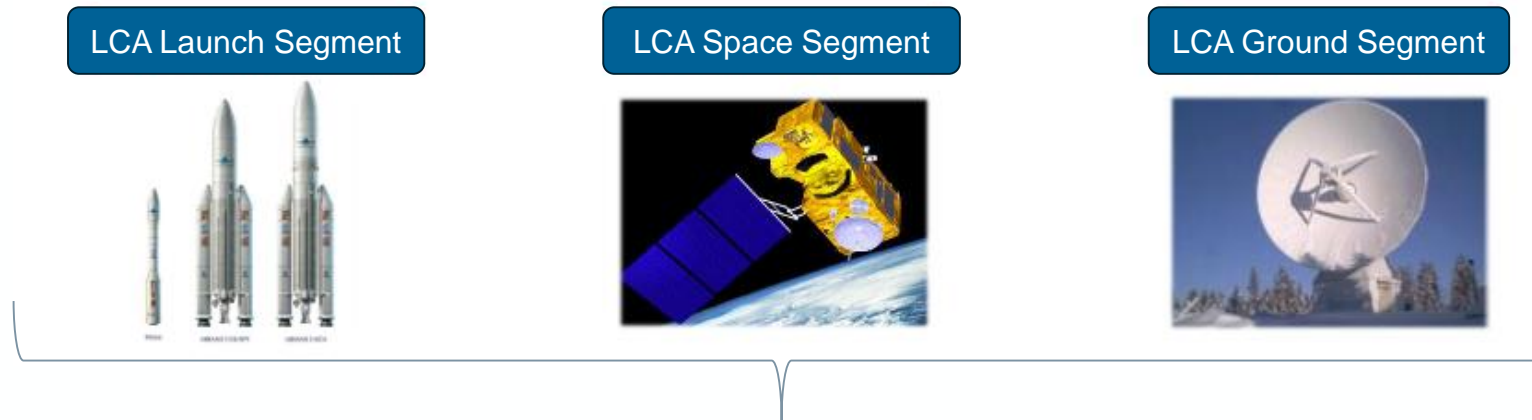
EcoDesign Team

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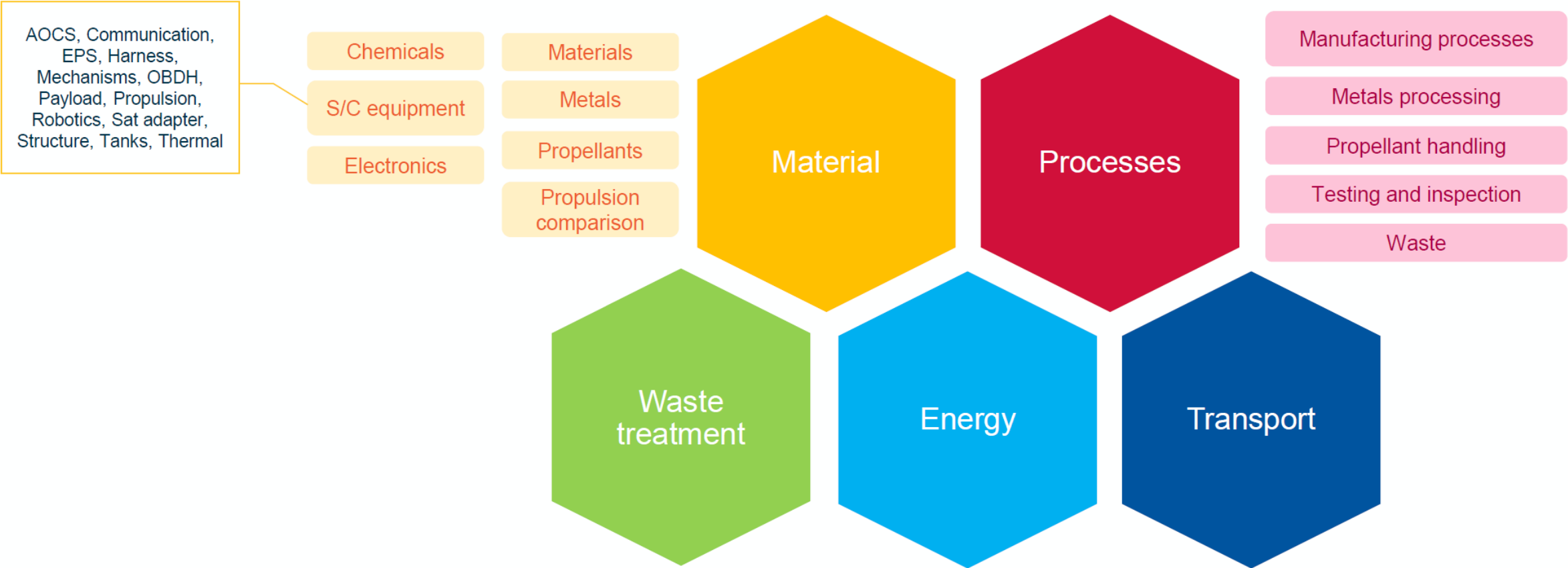
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ESA has performed LCA of the 3 different segments:



Current structure of ESA LCA Database



ESA LCA database (2016):

- To compile space specific materials, processes, propellants and equipment
- **Note:** Based on literature review and public information

ESA LCA database (2020):

- Alignment and integration of datasets coming from ESA projects done between 2016 and 2019 (inc. cut-off)
- update structure of database (datasets re-organized in different categories)
- development of an external and internal Databases to protect proprietary information
- development of user manuals for database and new datasets

ESA LCA database (on-going):

ESA wants to provide an up-to-date tool to facilitate and support the LCA activities by European Space stakeholders.

