ABOUT ADAPTING O-LCA TO DECISION MAKERS

MODELLING ORGANIZATIONS IN LCA: 2 APPROACHES

- Standard organizational LCA (O-LCA) consists of LCAs for all or many of an organization’s products, but does not identify who can influence the environmental performance (1).
- A socio-material flow methodology informs O-LCA about the coordination, cooperation, and other activities that organize product chains, see Figures 1 and 2.

POSSIBLE USERS AND APPLICATION OF THE SOCIO-MATERIAL FLOW METHODOLOGY

- **Usefulness**: Decision makers need to handle disorder and uncertainty (4).
- **Feasibility**: We have successfully tested the socio-material flow methodology on among other bowling, packaging recycling, and ‘passive houses’ (5).
- **Impact**: Our methodology can enable effective use of O-LCA and LCA results.

Reference: