

A 15 PROBLEMS LIST WITH REDUNDANCY AND STANDARD REJECTION

A 3 PROBLEMS PERSPECTIVE WHERE 2 ARE ALREADY IN TREATMENT BY NEIGHBOURING SCIENCES

ONE REMAINING PRIORITY

John REAP 2008.  
« A survey of unresolved problems in life cycle assessment ».

Table 1 LCA problems by phase

Phase	Problem
Goal and scope definition	Functional unit definition <sup>a</sup>
	Boundary selection <sup>a</sup>
	Social and economic impacts <sup>a</sup>
	Alternative scenario considerations <sup>a</sup>
Life cycle inventory analysis	Allocation
	Negligible contribution ('cutoff') criteria
	Local technical uniqueness
	Impact category and methodology selection
Life cycle impact assessment	Spatial variation
	Local environmental uniqueness
	Dynamics of the environment
	Time horizons
Life cycle interpretation	Weighting and valuation <sup>a</sup>
	Uncertainty in the decision process
	Data availability and quality
All	

<sup>a</sup> One might reasonably consider these problems to be pivotal decisions.

