

InEDIC Ecodesign Manual

Tool 7: Economic profile assessment

This tool is useful for identifying the stages of the life cycle that are more problematic or more promising from the financial point of view. It lists some examples of costs that should be examined on a case by case basis. In applying this tool, all relevant economic aspects included in **chapter 7 – Economic analysis** should be considered.

From the producer's point of view, costs related to the manufacturing stage are available in their accounts and costs of upstream stages are included in the prices of products / services purchased. Therefore, the most difficult steps are those costs associated with downstream stages. During the use stage, downstream costs are the most variable because they depend heavily on user habits and are not generally included in literature; however, the product provides a benefit in this stage so the manufacturer is interested in calculating the economic contributions. To this end, hypothetical scenarios and cost estimates should be assumed. Regarding costs associated with end-of life stage, those referring to demolition and transportation can be drawn from literature.

The user of this tool should indicate how he/she calculated the aforementioned downstream costs (estimations, literature and associated scenarios); if there is no quantification whatsoever, a qualitative comment may be inserted.

The following table should be filled in using economic inputs related to the costs of pre-production, production, distribution, use and end-of-life.

Pre-production (Euros)	Production (Euros)	Distribution (Euros)	Use (Euros)	End-of-life (Euros)	Comments
Cost of raw materials for the ceramic body	Cost of electricity consumption	Cost of storage	Cost of application or laying	Cost of demolition	
Cost of raw materials for glazing and pigments	Cost of thermal energy consumption	Cost of transportation to the retailer or client	Cost of product maintenance in its life time	Cost of managing demolition waste	
Other	Cost of equipment maintenance	Other	Indirect cost (i.e. associated to the energy bill of buildings)	Cost of ceramic waste valorization	
	Cost of packaging materials		Other	Cost of waste transport	
	Cost of marketing and advertisement			Other	
	Financial costs				
	Depreciation costs				
	Production staff costs, including training				
	Other				
Sub-total (Euros) per life cycle stage:					
Total (Euros)					