

D5.1 Data collection from partners: state-of-the art and innovative solution

Annex 3: Technology/Process data collection template

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NOTE:

This template can be replicated, if used as an Excel file. For more information, please contact inquiry@bio4human.eu

Bio4HUMAN EU project - treatment process data collection sheet

Work Package 5 : Life Cycle Assessment

Treatment process name		Year of reference of the data collected
Reference year		
Country of production		
Functional unit		
Reference flow		
Contact person		E.g. collect and recycle 1 kg of biobased plastic packaging
Describe the overall process and draw a flow chart, identifying all the inputs (raw materials and all other input materials) and outputs (product, by-product, air emissions, solid waste, wastewater and other liquid effluents) in each sub-process. Add any pictures of the raw materials and/or product that would be relevant understanding the system.		Quantity of product to fulfil the functional unit (e.g. 1 kg of product)
		Name, email, etc. of the person who collected the data

Inputs											
Wastes treated	Description	Quantity	Unit		Price	Unit (€/t)	Comments	Supply distance 1 (km)	Type of transport 1	Supply distance 2 (km)	Type of transport 2
Energy consumption	Description	Quantity	Unit	Country of origin	Price	Unit (€/t)	Comments	Supply distance 1 (km)	Type of transport 1	Supply distance 2 (km)	Type of transport 2
Treatment process consumables	Description	Quantity	Unit	Country of origin	Price	Unit (€/t)	Comments	Supply distance 1 (km)	Type of transport 1	Supply distance 2 (km)	Type of transport 2

Outputs											
Recovered products and co-products	Description	Quantity	Unit		Price	Unit (€/t)	Comments	Distribution distance 1 (km)	Type of transport 1	Distribution distance 2 (km)	Type of transport 2
Waste	Description	Quantity	Unit		Price	Unit (€/t)	Comments	Distance to treatment facility (km)	Type of transport		
Water/Air/Soil emissions	Description	Quantity	Unit		Price	Unit (€/t)	Comments				