

























PRODUCT SERVICE SYSTEMS: MAIN AND SUB-CATEGORIES

Product-based value	PRODUCT SERVICE SYSTEM (PSS) Value based on combination of product and service			Service based value
Pure Product	Product Oriented	Use Oriented	Result Oriented	Pure Service
PRODUCT SALE THE OWNERSHIP OF THE PRODUCT CHANGES 	PRODUCT RELATED SERVICE SELLING A PRODUCT COMBINED WITH A PRODUCT RELATED SERVICE (EXAMPLE: MAINTENANCE CONTRACT). 	PRODUCT LEASE EXCLUSIVE USE OF A PRODUCT WITHOUT BEING THE OWNER. 	OUTSOURCING A THIRD PARTY OWNS THE PRODUCT AND PROVIDES A PRODUCT RELATED SERVICE. 	SERVICE PROVIDING AN ACTIVITY IS PROVIDED WITHOUT THE USE OF ANY PRODUCT. FOR EXAMPLE: TELEPORTATION. 
Legend All business models are illustrated. The central product in the illustrations is a car. The central service is transportation.  manufacturer and/or provider  product user  service provider: owns the product and valorizes a specific service  potential environmental impact compared to a product based business model. 	PRODUCT RELATED ADVICE SELLING A PRODUCT WITH A USE RELATED SERVICE (EXAMPLE: ECO-DRIVING COURSE). 	PRODUCT SHARING/RENTING NON EXCLUSIVE USE OF A PRODUCT. CONSUMER IS OWNER (SHARING) OR PROVIDER IS OWNER (RENTING). 	FUNCTIONAL RESULT A SERVICE PROVIDER DELIVERS A SPECIFIC RESULT. THE TYPE OF PRODUCT IS SECONDARY. 	Potential environmental impacts of PSS  shortening of the products useful lifetime due to careless use  lower material and energy consumption during production and use phase  potential for environmental benefits through economies of scale  leaner manufacturing as products are more valuable  greater producer responsibility  sharing, renting, pooling,... and other PSS lower the total stock of product required to satisfy a specific need  more professional care of the product, resulting in a longer product life time and higher quality endstock  manufacturer/provider remaining product owner will have no incentive to sell excess material  collection of end-of-life product may be significantly easier thus increasing the rate of utilisation of end-of-life products  easier upgrading to more eco-efficient technologies
		Product Pooling THE PRODUCT IS SIMULTANEOUSLY USED. 		
		Pay-per-service unit THE USER PAYS FOR THE OUTPUT OF THE PRODUCT ACCORDING TO THE USE LEVEL. 