Appendix C: Application of DPP in assessment process

Process step	Assessment criteria	Information category 1: Washing machine product	Information category 2: Value chain actors	Information category 3: Status, diagnostics, and performance	Information category 4: Sustainability and circularity
1. Registration and identification	-	Product identification	General actor information Log data	-	-
2. General assessment	Product quality	Physical product properties (product quality of materials and components, Materials passport)	Value chain actors: general actor information, log data, chain of custody	-	-
	Physical product properties (expected market demand)	Product identification Physical product properties (e.g., type, load capacity, drive mechanism)	-	-	-
	(Original) product performance specifications	Performance (e.g., energy and water consumption, washing performance)	-	-	-
	Circular product design strategies	-	-	-	Circular product design related properties
	Product repairability	Product support information	-	-	Circular product design related properties (repairability)
3. Device diagnostics	Washing machine health	Product support information	Value chain actors: general actor	Washing machine health	-

			information, log data	Maintenance and repair history	
4. Visual inspection	Washing machine health	Product support information	-	Washing machine health (visual inspection, failure diagnostics, usage marks)	-
5. Establishing diagnosis results	-	-	-	-	-
6. Economic, ecological, and technical feasibility	Environmental aspects	Product characteristics, performance (energy and water consumption)	-	-	Sustainability properties Circularity properties
	Technical feasibility	Product support information (e.g., spare part codes)	-	-	Circular product design related properties (repairability)