

TRASH



Title: To provide textile waste and recycled Paperboard for the tasks 2-5

Subtitle: D2:1

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646226



Trash-2-Cash

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Deliverable	D2:1
Deliverable title	To provide textile waste and recycled paperboard for the tasks 2-5
Work package	WP2
WP Leader	VTT
Date of submission	2016-07-30
Number of pages	5
D. lead beneficiary	RISE
Type	DEM = Demonstration, pilot, prototype
Dissemination level	PU = Public

GA 646226
Trash-2-Cash
Start Date: 2015-06-01

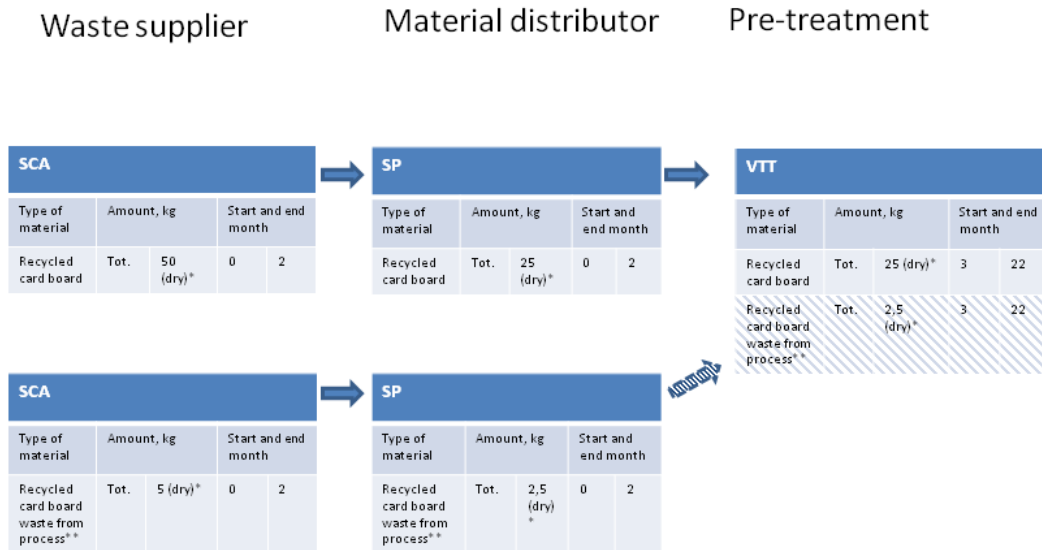


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TO PROVIDE TEXTILE WASTE AND RECYCLED PAPERBOARD FOR THE TASKS 2-5

The waste materials that will be used within the Trash-2-Cash project - textile and card board wastes - are displayed on the following pages in this short report. The waste materials and their initial planned flow within the project can also be seen. In some cases the three cycles and their planned use of materials are showed as cycle 1 (C1), cycle 2 (C2), and cycle 3 (C3), respectively. The flows displayed in this report are limited to the pre-treatment stage, i.e. ending before task 2.2-2.5 for the cellulose-containing waste materials. The pure polyester material that will be used in the project is also showed. SP is the waste material distributor and will keep samples of all these materials for chemical analysis.

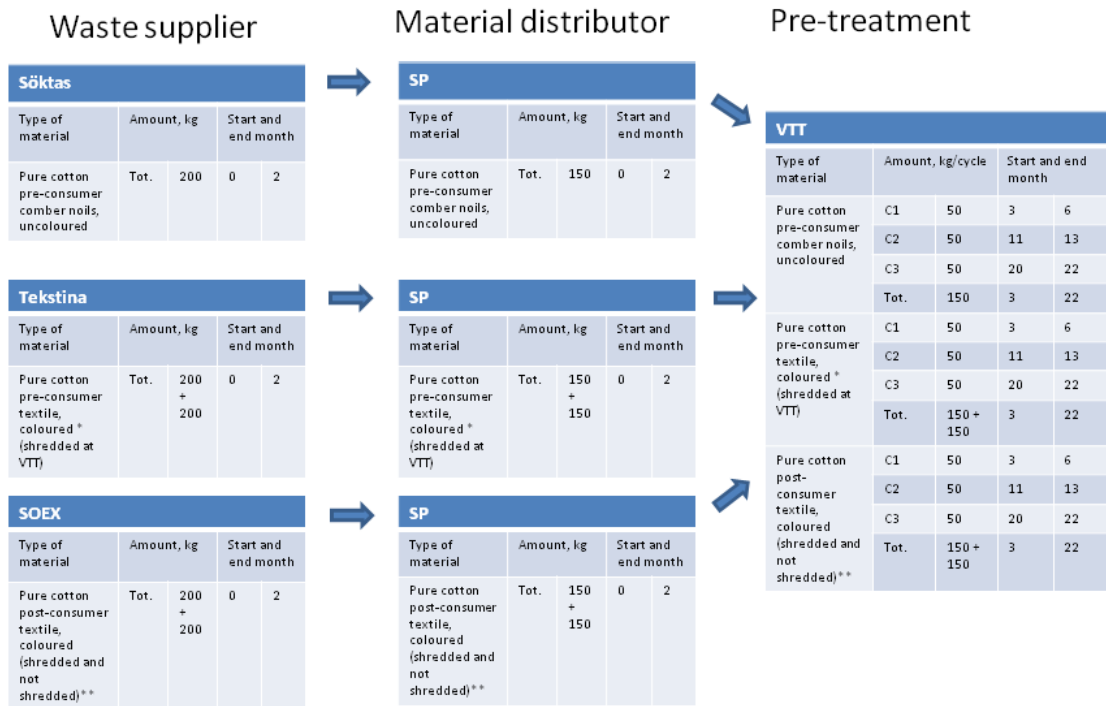
Delivery scheme – Recycled card board



* The recycled card board is received in water suspension with a dry content of about 10 weight%

** The card board process waste will be characterized by chemical analysis but maybe not be used further in the regeneration process.

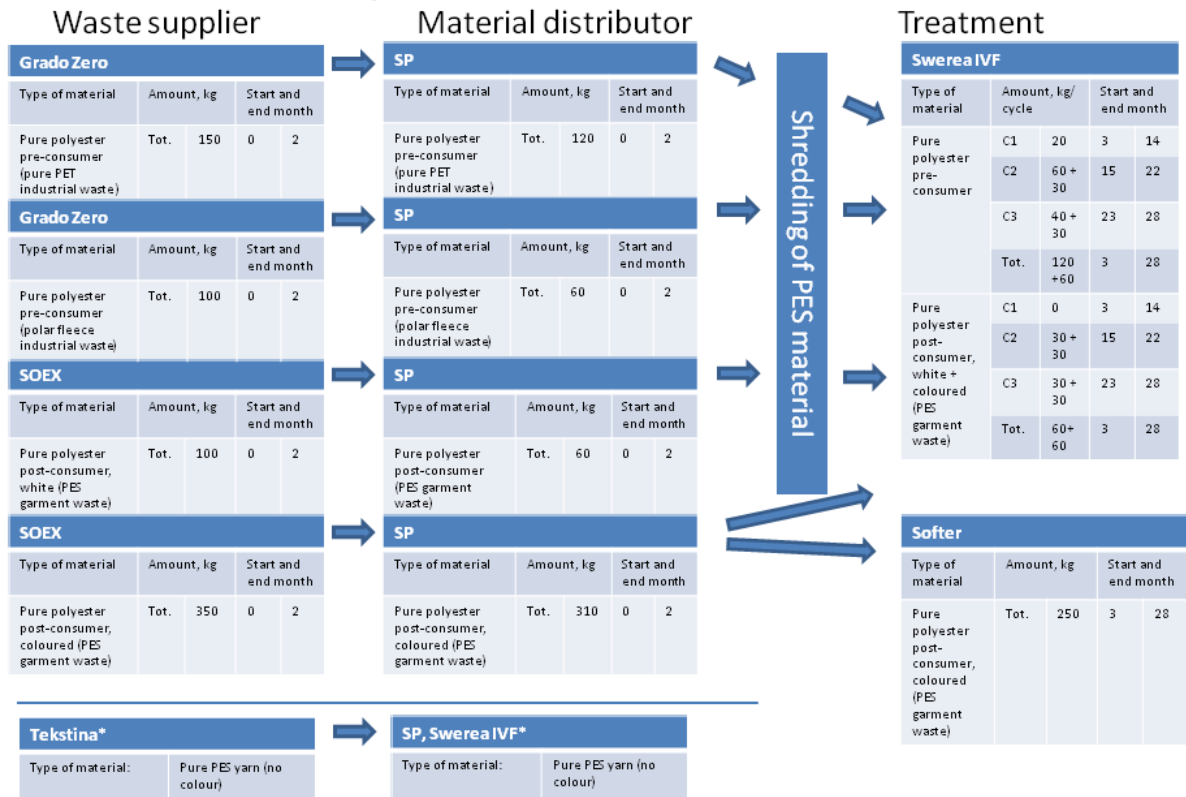
Delivery scheme – Pure cotton



* Two versions of coloured pre-consumer pure cotton, one with and one without reactive colour agents.

** Both shredded and not shredded post-consumer pure cotton material from SOEX will be delivered, 200 kg of each. Which one to be used depends on the purity of the shredded material.

Delivery scheme – Pure PES



* This is an alternative route adapted in case the three standard routes are not working. This material will not be ordered or delivered at this point.

Delivery scheme – PES and cotton blend

Waste supplier

Material distributor

Pre-treatment

SOEX				SP				VTT						
Type of material	Amount, kg		Start and end month		Type of material	Amount, kg		Start and end month		Type of material	Amount, kg		Start and end month	
Polyester:cotton post consumer textile (50:50 blend), post-consumer	Tot.	200	0	2	Polyester:cotton post consumer textile (50:50 blend), post-consumer	Tot.	150	0	2	Polyester:cotton post consumer textile (50:50 blend), post-consumer	Tot.	150	3	22