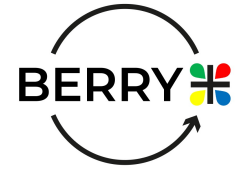# BERRY+ S3 partnership
Value chain meeting

Activation, progress and next steps of the <u>Bio-based and recyclable textiles value chain</u>

Helsinki, 28.9.2022

REGIONAL COUNCIL OF HELSINKI-UUSIMAA, BP2, Ari Lainevuo

VTT, Taina Kamppuri

VALUE CHAINS AS ECONOMIC & REGIONAL DEVELOPMENT INSTRUMENTS, based on

— (1) The EC's 2020 New Industrial Strategy and the 2021 Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe's recovery, {SWD(2021) 351 final} - {SWD(2021) 352 final} - {SWD(2021) 353 final}, page 10: "The Commission will work in close cooperation with the relevant stakeholders to identify measures to reinforce the EU position in global value chains, including by strengthening and diversifying external trade, creating new opportunities also for low- and middle-income countries".

— (2) A New European Innovation Agenda, {SWD(2022) 187 final}: "Help create "regional innovation valleys" that will strengthen and better connect innovation players through Europe, including in regions lagging behind."

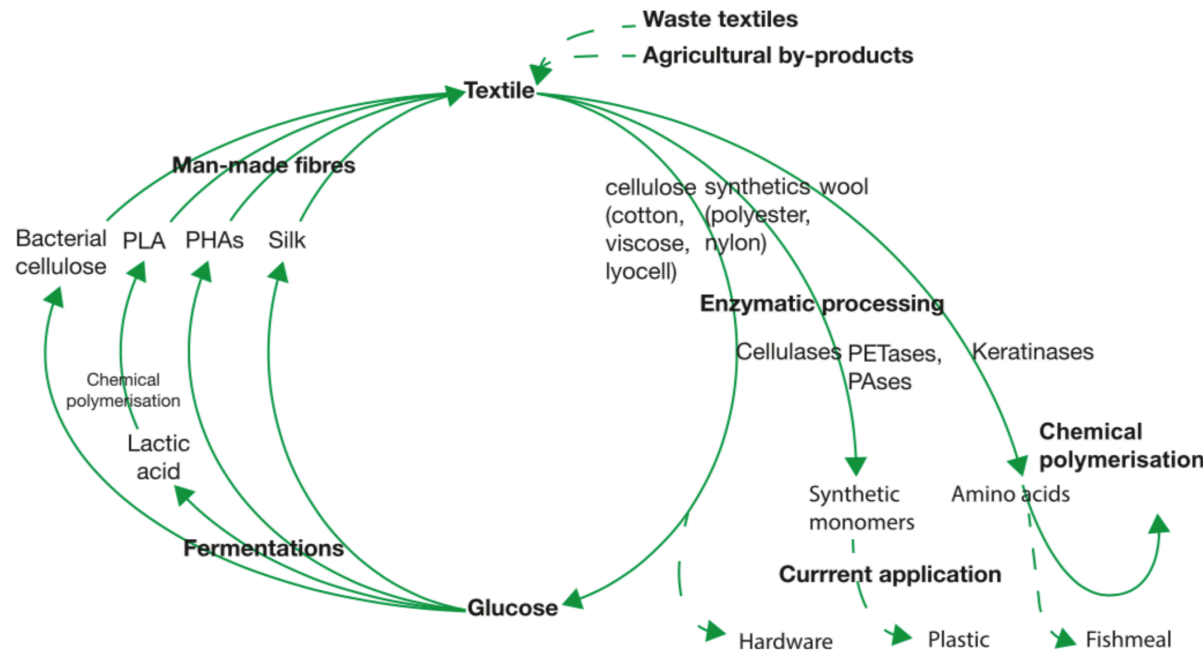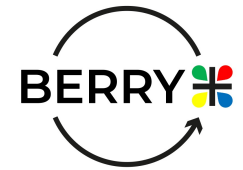Journal of Cleaner Production 326 (2021) 129325

Fig. 1. Establishing a closed-loop bio-based process for cellulose-based textile recycling routes.

2.2. *Mapping of case studies for textile recycling in mechanical, chemical and bio-based processes*

Strategy

1.- Coordinator objective: renewal of the textile industry based on e.g. 0-harm (no plastics) textiles.

2.- End market objective: primarily and initially fibres; secondarily clothing based on new fibres.

3.- Value chain mapping: in addition to textiles, associated research, dedicated higher education and innovation infrastructures

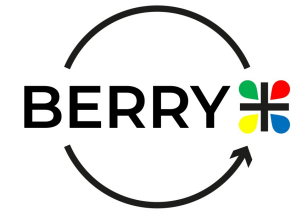4.- Strengths and development interests (coordinating region):
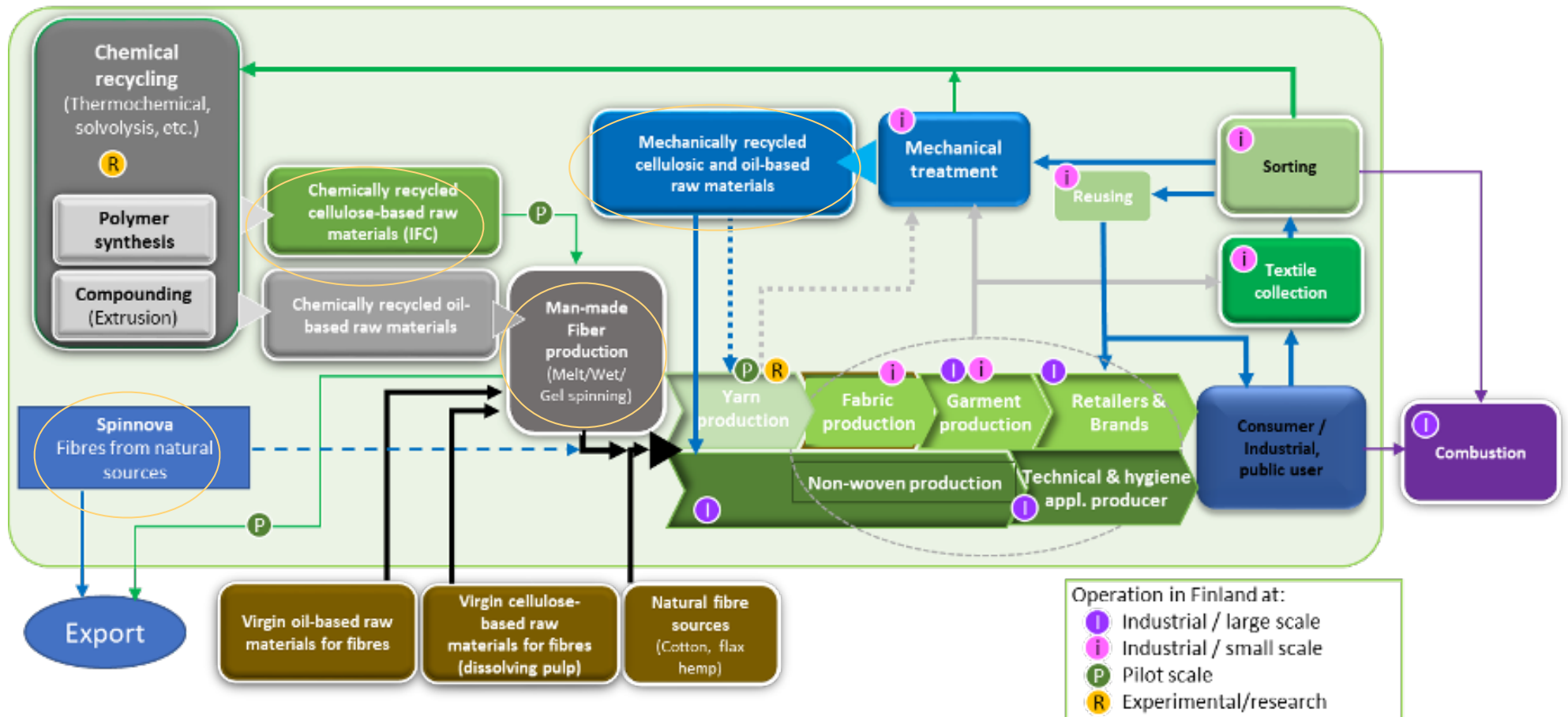
Source: CUSTOMER REPORT VTT-CR-00622-22; page 10

Collaboration paths

5.- Positioning of the interested BERRY+ regions in the value chain (positioning can be on end product, production technologies, design, distribution, production of intermediate goods, raw materials, research priorities, …)

6.- Discussion on collaboration options, priorities and funding

7.- Next steps
— List of interested regions
— Funding options
— Meetings, initiatives concepts and project preparation

8.- Timetable