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Telaketju - collaboration network and textile circular economy research in Finland

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Telaketju - collaboration network and textile circular economy research in Finland

www.telaketju.fi



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Finland

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Telaketju



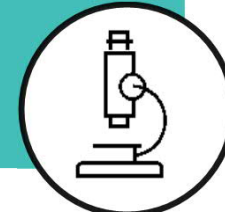
- Telaketju is active collaboration network which aims for more sustainable productions, use and cycles of textiles

Network

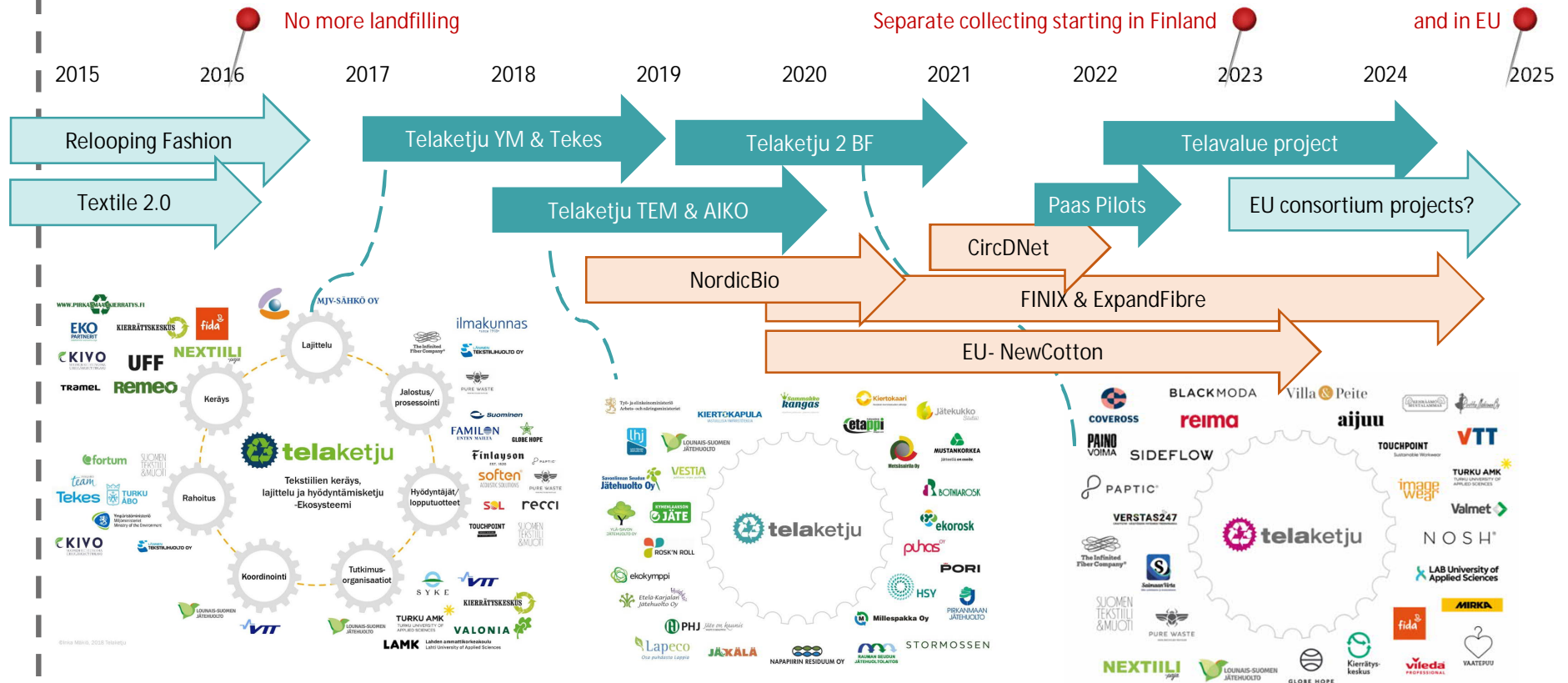


- Research work carried out in projects is laying a foundation for circular textile business in Finland

Research



Active Research Continuum





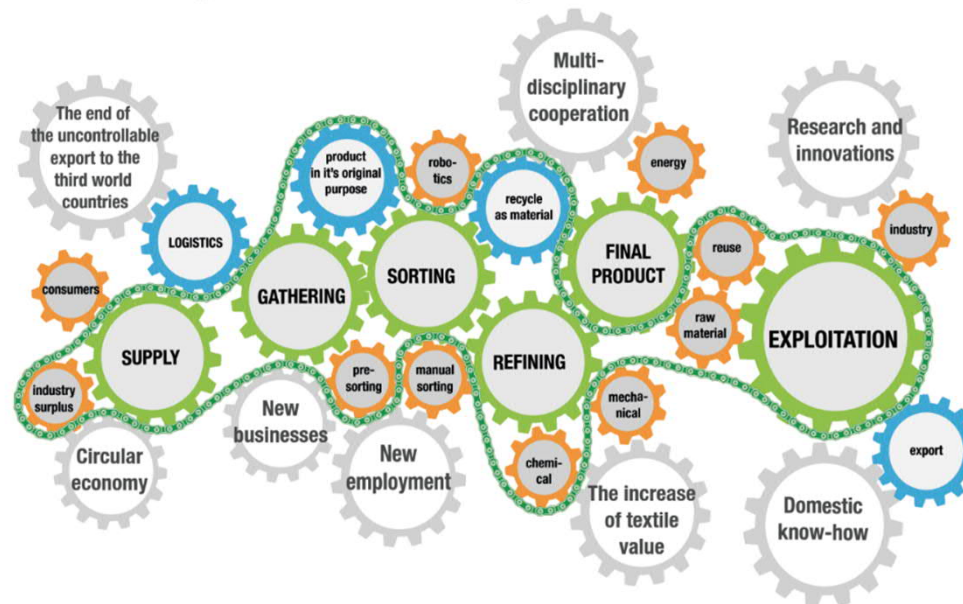
Research - First phase

2017-2019

Telaketju action & network



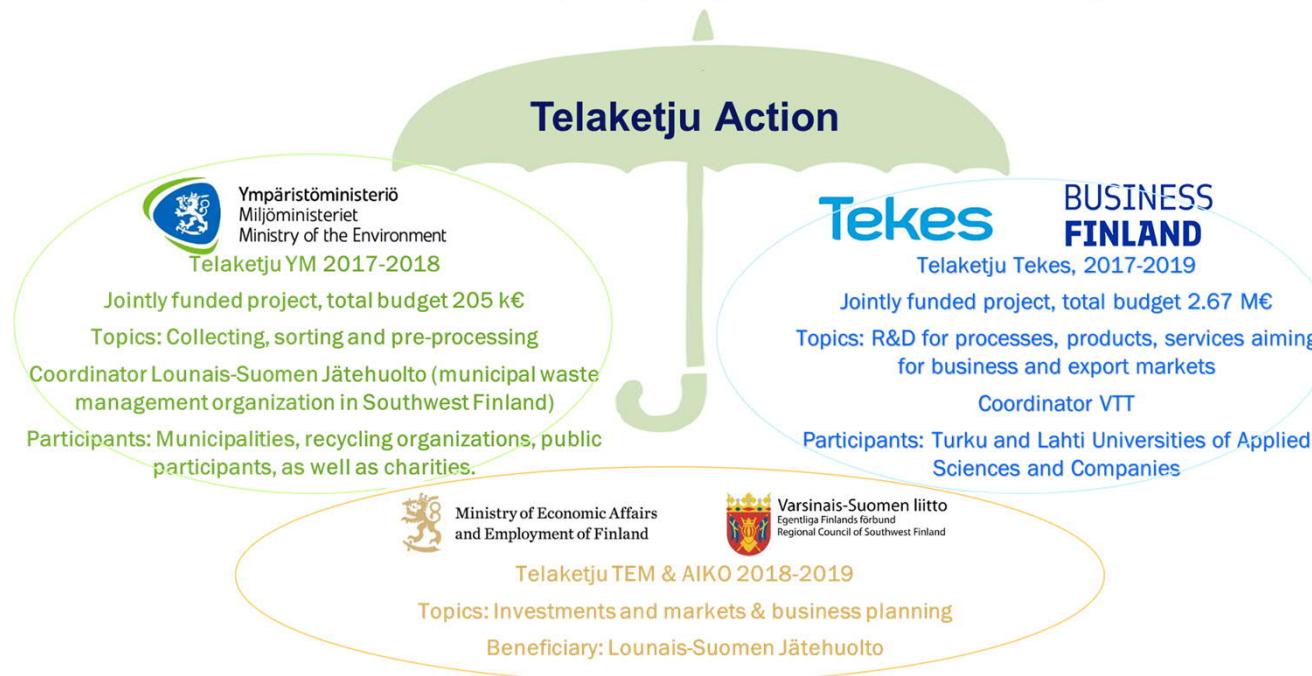
Focus of the first phase was mainly on textile recycling and business related to that – building circular ecosystem



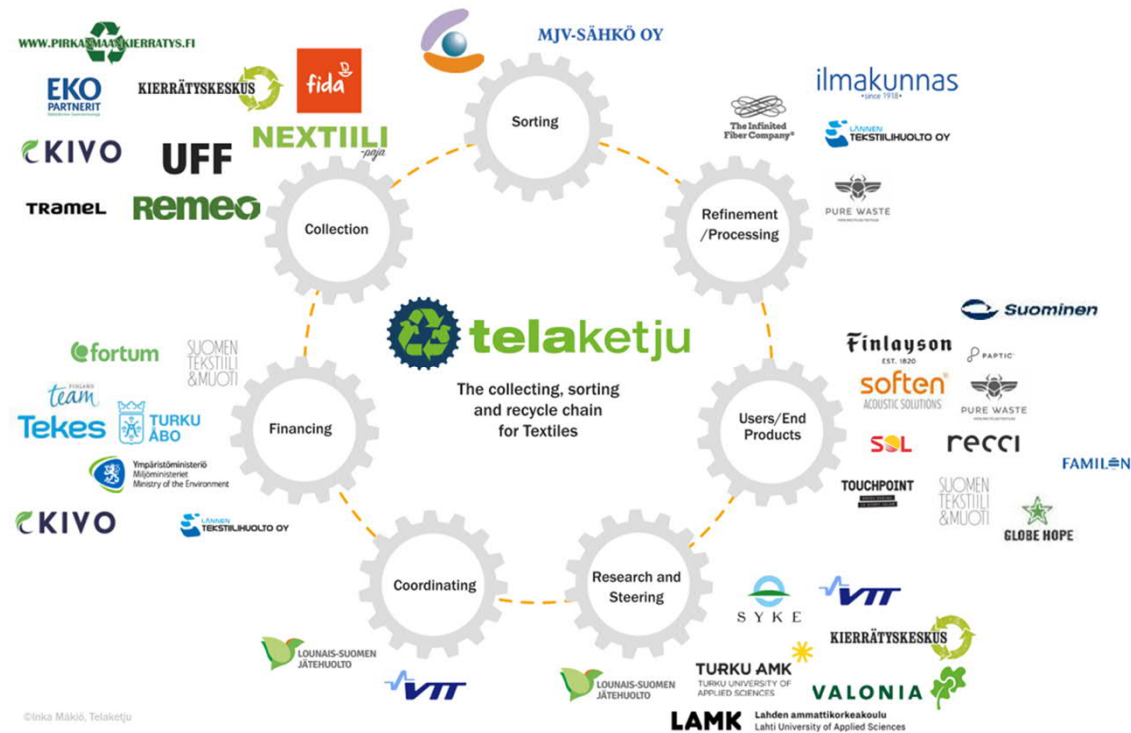
Telaketju action & network



First phase composed of multiple projects and funding tools



Telaketju YM and Tekes projects



Telaketju YM and Tekes projects



- Focused on building ecosystem/value chains for textile recycling and circular economy
- Results summarized in <https://cris.vtt.fi/en/publications/telaketju-towards-circularity-of-textiles>
- More information about projects www.telaketju.fi



Second phase

2019-2021

TEM project related to Refinement plant
(LSJH) continued until 2020

Public Telaketju 2 Business Finland project
Coordinated by VTT 2019-2021

Activities also on company network

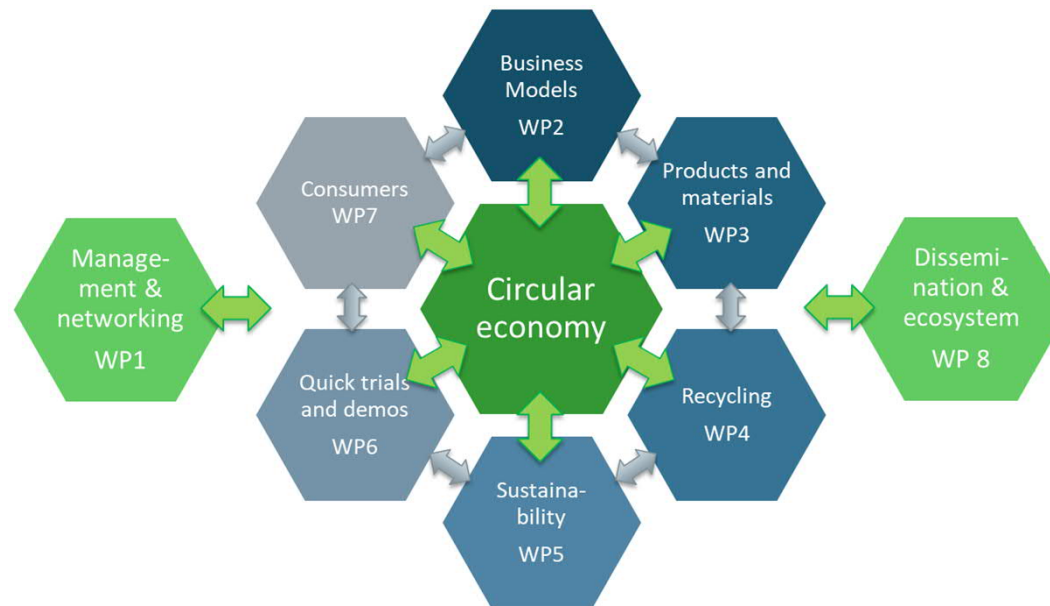
Telaketju 2 BF project



Telaketju 2 BF project



Research work packages are focused on circular economy



Telaketju 2 communication



- Reports of Telaketju project are available online¹ – we have also linked other interested reports to our report listing
- We have hosted national (Finnish) webinar series² and blog³, and international (English) webinar series⁴
- Newsletters published Finnish⁵ and English⁶ during Telaketju2 project
- Social media channels in use

Links: 1 <https://telaketju.turkuamk.fi/raportteja-ja-selvityksia/> and <https://telaketju.turkuamk.fi/en/telaketju-reports/>, 2 <https://telaketju.turkuamk.fi/webinaarit/>, 3 <https://telaketju.turkuamk.fi/blogi/>, 4 <https://telaketju.turkuamk.fi/en/networking-webinars/>, 5 <https://telaketju.turkuamk.fi/tilaa-uitiskirje/>, 6 <https://telaketju.turkuamk.fi/en/newsletters/>



Third phase

Paas (Products-as-a-service) Pilots 2021-22

Coordinated by Turku UAS

Telavalue BF Co-Innovation project 2022-24

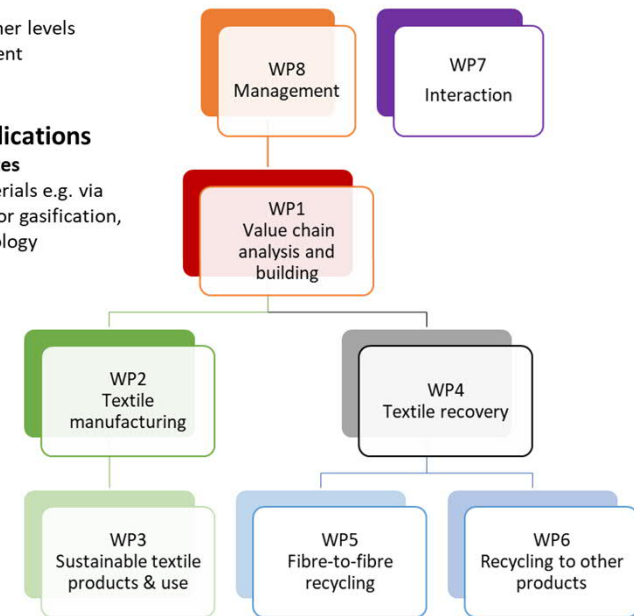
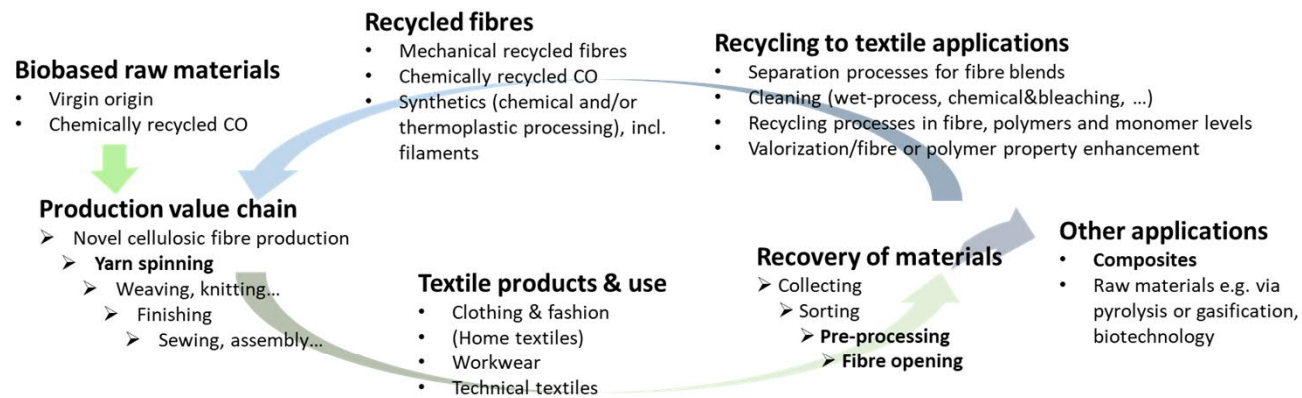
Coordinated by VTT

Activities also on company network e.g.

Investment project to Refinement plant

Lounais-Suomen Jätehuolto Oy (LSJH)

Telavalue project



Telavalue – Business Finland Co-Innovation project
 Public research project VTT, LAB UAS & Turku UAS
 17 companies, 6 company projects
 2/2022 -1/2024

Telaketju - Network



- Some achievements in our network
 - Concept available for National Collection of End-of-life Textiles in Finland¹, collection pilot areas covers already all major cities
 - New product lines using textile waste and also post-consumer waste²
 - Mechanical processing facility built to Paimio in collaboration with municipal and commercial actors³
 - Flagship plant for chemical recycling of cotton⁴
 - National webinar series for topical issues and knowledge sharing hosted by Finnish Textile and Fashion (in Finnish)

Links: 1 https://telaketju.turkuamk.fi/uploads/2020/08/0c08d295-national-collection-of-end-of-life-textiles-in-finland_lsjh.pdf, 2 <https://mb.cision.com/Main/68/2922349/1116457.pdf>
https://www.touchpoint.fi/en_US/blog/news-1/post/we-are-part-of-the-building-of-circular-economy-plant-in-finland-8 , 3 <https://infinitefiber.com/2021/12/15/afry-chosen-as-main-engineering-partner-for-infinite-ds-flagship-plant/>



telaketju

VTT

Keys to success factors have been...

People and companies that share common vision
and are willing work towards it = active network

Public support necessary for carrying out public
research in Telaketju & other projects



Thank you for your attention!
Any questions?

www.telaketju.fi

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