



**telaketju**

# Telaketju

Short introduction to a Finnish initiative towards circularity of textiles

Finnish-Swedish Textile Circularity Day 14.1.2021

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*Telaketju is an active co-operation network that aims to promote the sustainable production, use and circulation of textiles. Telaketju research work creates a basis for business in accordance with the circular economy and builds a Finnish ecosystem for textile recycling.*

# Telaketju action – first phase

Telaketju is an active network and first phase of the action composed of multiple projects and funding tools.



## Telaketju Action



Ympäristöministeriö  
Miljöministeriet  
Ministry of the Environment

Telaketju YM 2017-2018

Jointly funded project, total budget 205 k€

Topics: Collecting, sorting and pre-processing

Coordinator Lounais-Suomen Jätehuolto (municipal waste management organization in Southwest Finland)

Participants: Municipalities, recycling organizations, public participants, as well as charities.

Tekes

BUSINESS  
FINLAND

Telaketju Tekes, 2017-2019

Jointly funded project, total budget 2.67 M€

Topics: R&D for processes, products, services aiming for business and export markets

Coordinator VTT

Participants: Turku and Lahti Universities of Applied Sciences and Companies



Ministry of Economic Affairs  
and Employment of Finland



Varsinais-Suomen liitto  
Egentliga Finlands förbund  
Regional Council of Southwest Finland

Telaketju TEM & AIKO 2018-2019

Topics: Investments and markets & business planning

Beneficiary: Lounais-Suomen Jätehuolto



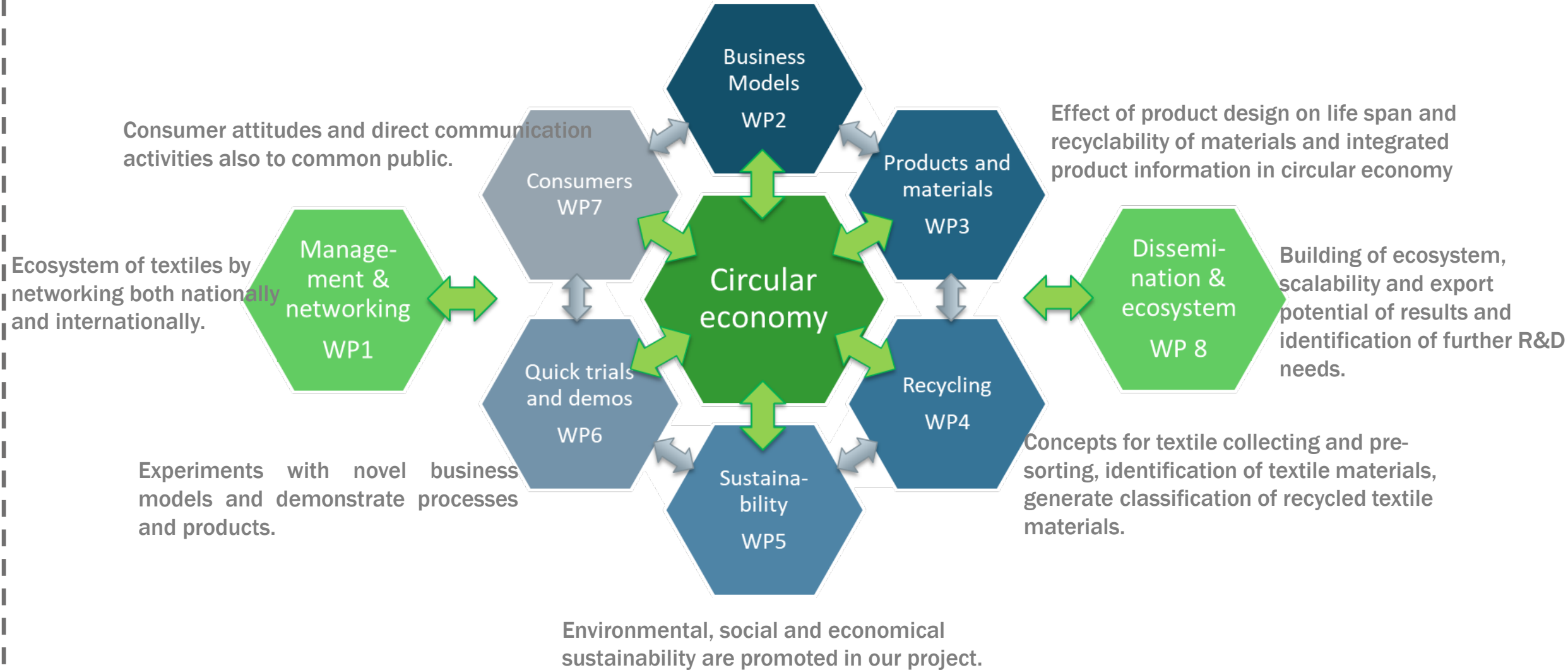
# Telaketju

## Business from circular economy of textiles

- **Telaketju 2** is Co-Innovation project of Business Finland
- Duration two years 1.5.2019 - 31.4.2021
- Coordinator: VTT Pirjo Heikkilä
- **Target**
  - to build business from circular economy of textiles
- **Scope** of the project includes:
  - novel circular economy business models aiming for better material efficiency and increase material and product life
  - business related to textile recycling
- **Consortium:**
  - 3 research partners and 4 parallel company projects with total budget of 4.94 M€ from which public part is 1.13 M€ + 21 organizations funding the public part



Novel circular business models and tools for companies communicating about circular solutions within their value chain.





# Examples of results, company demos etc.



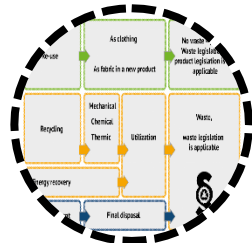
National Collection of End-of-life Textiles in Finland

[https://telaketju.turkuamk.fi/uploads/2020/08/0c08d295-national-collection-of-end-of-life-textiles-in-finland\\_Isjh.pdf](https://telaketju.turkuamk.fi/uploads/2020/08/0c08d295-national-collection-of-end-of-life-textiles-in-finland_Isjh.pdf)



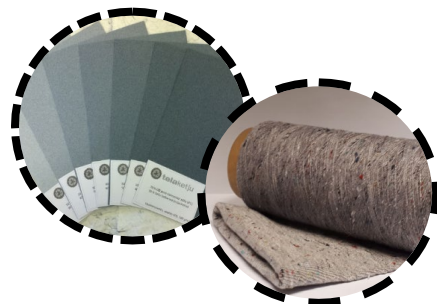
Clothing as a service model - Presentation ISPIM 2020 Antikainen et al.

[https://telaketju.turkuamk.fi/uploads/2020/07/2039887b-presentation-ispim-2020-antikainen-et-al\\_final..pdf](https://telaketju.turkuamk.fi/uploads/2020/07/2039887b-presentation-ispim-2020-antikainen-et-al_final..pdf)



Textile recycling terminology and legislation reviews

<https://telaketju.turkuamk.fi/en/databank/>



Material and processing demonstrations Heikkilä et al. Telaketju - Towards Circularity of Textiles

<https://cris.vtt.fi/en/publications/telaketju-towards-circularity-of-textiles>

Companies, associations, research organizations and municipal waste facilities, are making the change.



# Thank you

## For more information

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