CIRCULAR BUSINESS MODELS IN THE NORDICS

Webinar in Active Textile Society

PRESENTED BY KIA EGEBÆK SENIOR CONSULTANT AND PARTNER AT NORION CONSULT



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ABOUT NORION

Kia Egebæk

Senior consultant and partner

Working with strategy development and project management for municipalities, public agencies and companies.

Project manager of the NCM Vision project 'PSS in the Nordics'

- Consultancy firm established in 1990
- Today, **35 people** working passionately within the spectrum of sustainability
- **Consultant to the** Nordic Council of Ministers, the EU Commission, the UN, the EEA, varying countries, municipalities and companies.
- Partner in the European Topic
 Centre for Circular Economy

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AGENDA





CIRCULAR BUSINESS STRATEGIES IN THE FASHION INDUSTRY



KEY CIRCULAR BUSINESS MODELS



All of these aspects can be vital part of a product service system (PSS) model

Source: Ellen MacArthur Foundation 2021; CIRCULAR BUSINESS MODELS Redefining growth for a thriving fashion industry

Product Service Systems PSS

A system of products, services, networks, actors and infrastructure.

To satisfy customers' needs, in a competitive way, as well as to reduce environmental impact compared to traditional business models.

PRODUCT SERVICE SYSTEMS (PSS)

- In PSS models, goods are in variating degrees sold as services, e.g. through renting, leasing and sharing
- The key is that the producer retains ownership of the product
- PSS is often considered as a solution for decoupling economic growth from resource consumption
- But PSS is no guarantee for a circular economy or improved sustainability



PRODUCT SERVICE SYSTEMS (PSS)



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CLUSTERING PRODUCT GROUPS

TRANSPOR- TATION	PACKAGING	MACHINERY & TOOLS	APPLIANCES, FURNITURE & HOUSEHOLD PRODUCTS	PRODUCTS FOR CHILDREN	CLOTHING & ACCESSORIES	SEASONAL & SPECIAL OCCASIONS	ELECTRONIC EQUIPMENT & SOLUTIONS	OTHER
Bicycles	Plastic & single use	Cranes	White goods & large appliances	Children clothes	Casual clothing	Party & event equipment	Computers & smartphones	Agriculture
Cars	E-commerce	Heavy machinery	Kitchen appliances & tableware	Toys	Clothes for special occasions	Sports, camping & hiking gear	Printers	Infrastructure
Scooters	Freight	Tools	Heating & electricity	Furniture & equipment	Workwear		Batteries	Animals
Boats		Processing equipment	Furniture		Accessories & jewellery		Cloud-based options	Plants
Mobility as a Service		Chemicals	Home textiles				Streaming service & E- books	Dinner subscriptions & catering



POTENTIAL OF PSS IN FASHION

POTENTIAL OF PSS

71 % of consumers interested High market potential for (online) rental services

Potential to increase use rate from 25 to 40 uses by 2030

ENVIRONMENTAL GAINS POTENTIAL



POTENTIAL OF PSS

LACK OF EVIDENCE

- Most companies haven't documented their environmental impacts.
- Environmental impacts of PSS compared to other business models are often difficult to assess,
 - and positive impacts are only assumed and not demonstrated



CALCULATING THE EFFECTS



A PSS is compared against a similar system of conventional product ownership



Either type of system involves an initial «investment»

- the total emission 'costs' associated with that system



In return for that investment, the system yields product utility



More sustainable systems deliver utility at a lower unit 'emission cost'



AN EXAMPLE WOMEN'S APPAREL

- Occasional wear, made of polyester, weighing 800 grams
- Conventional ownership:
 - Normal lifespan 4 years
 - Worn 2x per year
 - Cleaned once every other use (4 times total)

• PSS model:

- Monthly rental for 6 years,
- Rented out 1/3 of the time,
- Used once per rental
- Cleaned upon every use



CALCULATING THE EFFECTS





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PSS MODELS FOR TEXTILES IN THE NORDICS

Nordic textile companies illustrating PSS business operations and environmental gains:

- 1. Improved product lifespan due to economic incitements
- 2. Less production due to the sharing of occasional products
- 3. Improved use phase of the products with energy efficient maintenance



JOIN THE PROJECT!

Apply for a PSS Pilot Programme and gain professional consultancy assistance for a value of up to <u>300,000 DKK</u>

Who can apply?

Nordic companies that work within the field of PSS or Nordic companies wishing to investigate potential PSS solutions for their business model.

Deadline for applications: <u>November 1st, 2023</u> - we can help you apply.





Find more information



Thank you!

Get in contact:

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Learn more about the project and apply for funding:

www.pssinthenordics.com

