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www.circitnord.com

Our Vision 2030

A **competitive** Nordic Region

Together, we will promote green growth in the Nordic Region based on knowledge, innovation, mobility, and digital integration.

**The Nordic
Region will become
the most
sustainable and
integrated
region in the
world**

A **green** Nordic Region

Together, we will promote a green transition of our societies and work towards carbon neutrality and a sustainable, circular, and bio-based economy.

A **socially sustainable** Nordic Region

Together, we will promote an inclusive, equal, and interconnected region with shared values and strengthened cultural exchanges and welfare.

 Nordic Council
of Ministers

**The Nordic
Region – towards
being the most
sustainable and
integrated region
in the world**

Action Plan for 2021 to 2024

Objective 3

The Nordic Council of Ministers will promote a circular and bio-based economy, sustainable and competitive production, sustainable food systems, and resource-efficient and non-toxic cycles in the Nordic Region.

A **green** Nordic Region

The Nordic Region will become the most sustainable and integrated region in the world

A **competitive** Nordic Region

The Nordic Region will become the most sustainable and integrated region in the world

Objective 6

The Nordic Council of Ministers will support knowledge and innovation and make it easier for companies throughout the Nordic Region to take full advantage of the development opportunities created by the green, technological, and digital transformation and the growing bioeconomy.

Objective 10

The Nordic Council of Ministers will work to involve everyone living in the Nordic Region in the green transition and digital developments, utilise the potential of this transition, and counteract the widening of gaps in society as a result of this transition.

A **socially sustainable** Nordic Region

The Nordic Region will become the most sustainable and integrated region in the world

Objective 3

The Nordic Council of Ministers will promote a circular and bio-based economy, sustainable and competitive production, sustainable food systems, and resource-efficient and non-toxic cycles in the Nordic Region.

- increase knowledge about and promote the transition to a more *circular economy* and *non-toxic cycles*. This involves efforts to promote the demand for and supply of solutions for the circular economy, not least through public procurement;
- work to make the Nordic Region a leader in circular, climate-neutral, and sustainable business models for the business sector. The purpose is to develop measures that accelerate the circular economy and carbon neutrality, such as through efforts relating to companies' reporting on their corporate social responsibility and green data;
- work to prevent land-based discharges and reduce plastic waste and microplastics in seas by supporting efforts to reduce and improve the use of plastics in fisheries and land-based marine industries. This will be achieved by producing knowledgebases and concrete measures to control plastic waste in seas.

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The Nordic Council of Ministers will promote a circular and bio-based economy, sustainable competitive production, sustainable food and resource-efficient and non-toxic cycles in the Nordic Region.

- increase knowledge about and promote the transition to a more circular economy and non-toxic cycles. This involves efforts to promote the demand for and supply of solutions for the circular economy, not least through public procurement;

The screenshot displays the CIRCit Norden website with the following sections:

- Navigation:** PROJECT, RESULTS, CASES, NEWS & EVENTS, ABOUT
- Project Results:** Five circular-themed images representing different project areas:
 - Circular Economy Sustainability Screening
 - Circular Economy Business Modelling
 - Circular Product Design and Development
 - Smart Circular Economy
 - Closing the Loop for a Circular Economy
- Scientific Publications:**
 - Journal and conference articles:**
 - An expert system for circular economy business modelling: advising manufacturing companies in decoupling value creation from resource consumption. *Parizi, M. P. P., McAloon, T. C., Borggarn, F., Macdon, L. & Figliozzi, D. C. A. (2021). An expert system for circular economy business modelling: advising manufacturing companies in decoupling value creation from resource consumption. Sustainable Production and Consumption. Original version: <https://doi.org/10.1016/j.spc.2021.01.023>*
 - How D. C. A. & Soutfens, K. (2020). Circular business models: A review. *Journal of cleaner production. 232741*. Original version: <https://doi.org/10.1016/j.jclepro.2020.123741>
 - Indicators capture sustainability? *Parizi, M. P. P., Figliozzi, D. C. A. (2020). To what extent do circular economy indicators capture sustainability? Procedia CIRP. No. 91-96. Original version: <https://doi.org/10.1016/j.procir.2020.03.001> (Open access)*
 - Is a Decision Support for Conflicting Sustainability Indicators within Circular Economy Implementation in the Supply Chain? *Parizi, M. P. P., Figliozzi, D. C. A. (2020). A Trade-off Situation Framework as a Decision Support for Conflicting Sustainability Indicators within Circular Economy Implementation. Sustainability. Original version: <https://doi.org/10.3390/s12010214> (Open access)*
 - Key Concepts During Early Product Design and Development *Parizi, M. P. P., Figliozzi, D. C. A. (2020). Circularity Evaluation of Alternative Concepts During Early Product Design and Development. International Journal of Integrated Manufacturing Research. Original version: <https://doi.org/10.1080/17447361.2020.1749211>*
 - Innovation: sectoral patterns within manufacturing companies *Parizi, M. P. P., Figliozzi, D. C. A. (2020). Circular Economy business model innovation: sectoral patterns within manufacturing companies. Journal of Cleaner Production. Original version: <https://doi.org/10.1016/j.jclepro.2020.124921>*
 - Tool-enabled circular strategies framework for manufacturing companies *Parizi, M. P. P., Figliozzi, D. C. A. (2020). The smart circular economy: A digital-enabled circular strategies framework for manufacturing companies. Journal of Cleaner Production. Original version: <https://doi.org/10.1016/j.jclepro.2020.124921>*
 - Needs in Sustainability-related Trade-off Situations: Understanding Needs and Criteria *Parizi, M. P. P., Figliozzi, D. C. A. (2020). DEVELOPING A TOOL TO SUPPORT DECISIONS IN SUSTAINABILITY-RELATED TRADE-OFF SITUATIONS: UNDERSTANDING THE DESIGN CRITERIA. 40558 Conference. 1-16. Original version: <https://doi.org/10.1016/j.procir.2020.17> (Open access)*
 - How to Support Circular Economy Business Model Innovation within Manufacturing Companies *Parizi, M. P. P., Figliozzi, D. C. A. (2020). Defining the Requirements for a Tool to Support Circular Economy Business Model Innovation within the Scope of the Design Service 2020 Conference. Cambridge University Press. Vol. 1, pp. 2119-2128. Original version: <https://doi.org/10.1016/j.procir.2020.17> (Open access)*
 - CONCEPT: An Instruction for the above-mentioned article was published. Though the scope of the manuscript for Circular Economy: Integrating Literature and Practice into a Process Model", the correct title and reference is: "Defining the Circular Economy Business Model Innovation within Manufacturing Companies".
 - Using and testing business model archetypes for circular economy *Parizi, M. P. P., Figliozzi, D. C. A. (2020). From theory to practice: operationalising and testing business model archetypes for circular economy. Resources. Original version: <https://doi.org/10.1016/j.resour.2020.150239>*
 - How Products: Action Research on Nordic Industry *Parizi, M. P. P., Figliozzi, D. C. A. (2020). How Products: Action Research on Nordic Industry. Sustainability. Original version: <https://doi.org/10.1016/j.spc.2020.150239> (Open access)*
- Webinar Series:**
 - 2. CIRCit webinar series**
 - CIRCit webinar series - Overview** (2020)
 - CIRCit webinar series - Circular Economy Sustainability Screening** (2020)
 - CIRCit webinar series - Circular Economy Business Modelling** (2020)
 - CIRCit webinar series - Circular Economy Product Design and Development** (2020)
 - CIRCit webinar series - Smart Circular Economy** (2020)
 - CIRCit webinar series - Closing the Loop for a Circular Economy** (2020)
 - CIRCit webinar series - Collaborating and Networking for a Circular Economy** (2020)

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A green Nordic Region

Objective 3

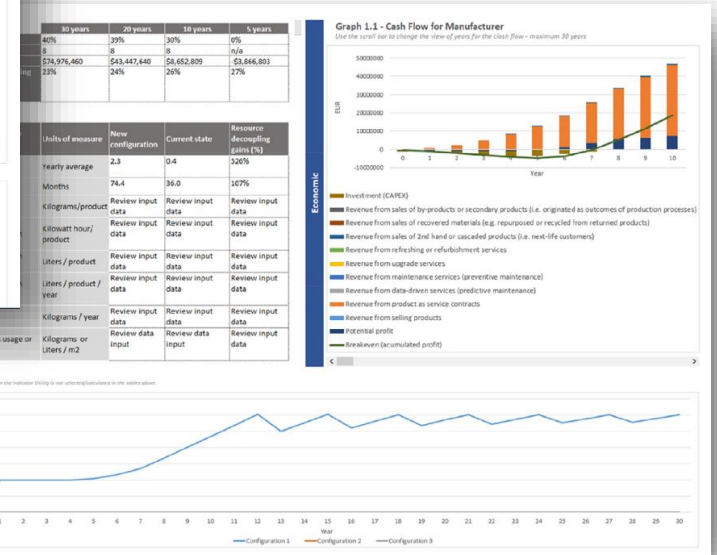
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The screenshot displays the CIRCIT website interface with a grid of tool cards:

- SWOT analysis**: The information can be used to identify strength drivers and other factors that influence the development of Circular Economy business models.
- Circular Economy Trend Cards**: The Circular Economy Trend Cards can be used in the process of analyzing change drivers to support the SWOT analysis. Think about about opportunities and threats in the context of Circular Economy.
- Circular Economy Business Model Configurator Poster**: The Circular Economy Business Model Configurator Poster can support you in generating Circular Economy business model ideas for your company.
- Circular Economy Business Model Pattern Cards**: The Circular Economy Business Model Pattern Cards can support you in gaining opportunities and generating ideas about potential Circular Economy business models for your company.
- Circular Economy Business Model Innovation Roadmap**: With the Circular Economy Business Model Innovation Roadmap, business model ideas are organized, so set priorities and assess the ones to be taken forward to the next stage.
- Circular Economy Customer and End-user Journey Map**: The Circular Economy Customer and End-user Journey Map can help you to configure the user proposition for your business model.
- Circular Economy Business**
- Checklist of Sustainability**
- Experimentation Roadmap**



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 Ope

#36 Ope - Dynamic workplaces with reduced waste

Ope offers furniture as a service for optimisation of rapidly changing office environments, while reducing both waste and cost.



#28 Vestre - Circular business models for long-lasting outdoor furniture

Combining furniture-as-a service with long-lasting products and sustainable manufacturing for customer value and improved resource intensity.



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- help to build up shared **knowledge and research**. By strengthening the relationship between education, research, and innovation, children, young people, and adults can be better prepared for the green and digital societies of the future. The NordForsk research institute will help to make the Nordic Region a world leader in research and innovation, and it will support top-level research on green societal development and sustainable change;
- **involve the business community** to a greater extent in efforts relating to the green transition in the Nordic Region. Through strengthened partnerships between public and private stakeholders, efforts to achieve carbon neutrality and a circular economy will be streamlined;
- help to equip Nordic companies so that they can utilise **data and digital technology** for innovation and smart solutions. The Nordic Region can help to set the global agenda and promote core values such as trust, security, and user adaptation in digital development. Consequently, the Nordic Council of Ministers will pursue several ventures that support the safe use of digital technologies such as 5G, artificial intelligence, and data-based solutions. This also includes preventative measures to identify and mitigate security risks resulting from the adoption of new digital technology;



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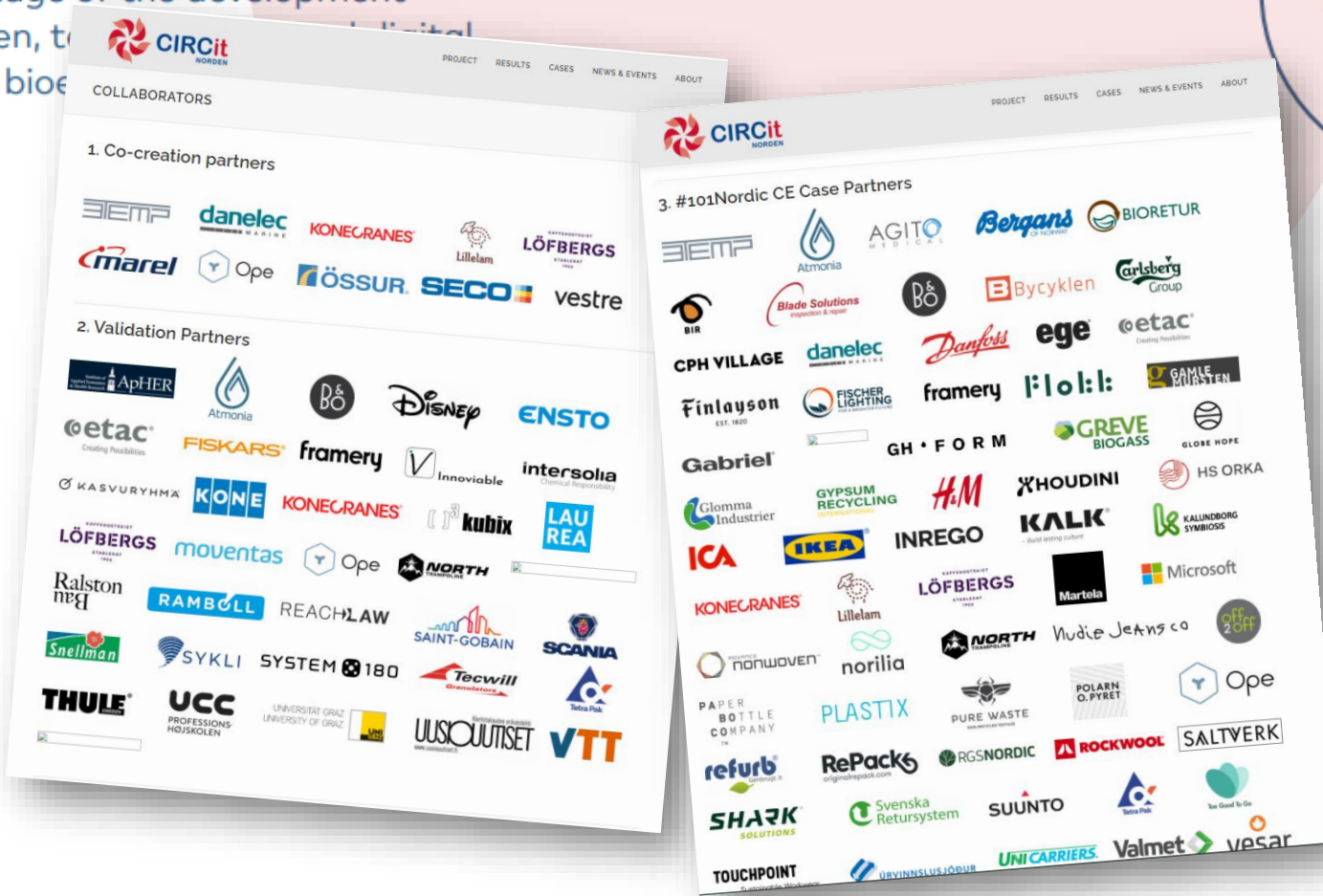
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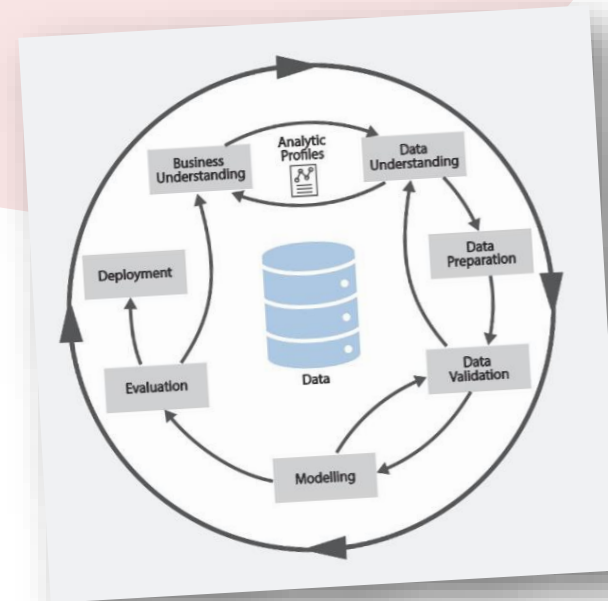
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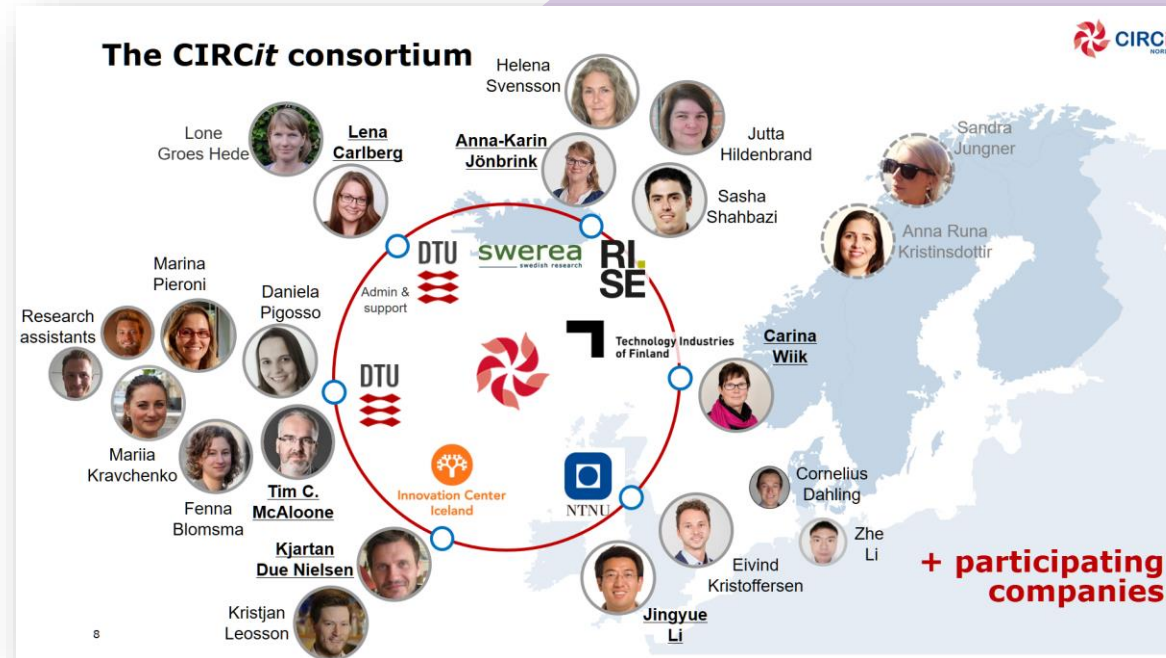
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The Nordic Council of Ministers will work to involve everyone living in the Nordic Region in the green transition and digital developments, utilise the potential of this transition, and counteract the widening of gaps in society as a result of this transition.

- work to include all regions in the Nordic Region in the green transition. Surveys and the exchange of experiences will counteract the overrepresentation of social challenges in certain areas. Efforts will be equally targeted at urban and rural areas;

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A dynamic splash of blue water forms a circular shape in the center of the slide. The water is captured in mid-air, with many small droplets and bubbles. The background is a light blue gradient with a pattern of faint, semi-transparent circles and binary code (0s and 1s) scattered across it.

THANK YOU

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