Accelerator Program in detail

The Nordic Circular Accelerator offers three types of sessions and events to help your collaboration develop data and insights for circular business value: Ecosystem Networking, Capability Expansion, and Individual Working.

1. Ecosystem Networking Events
The program includes three Ecosystem Networking Events uniting multiple collaborations with external stakeholders, fostering a larger ecosystem. These events focus on networking, sharing best practices, providing a unique network with experts outside of the value chain and insights into collaborations and data sharing for circular business models.

2. Capability Expansion Sessions
The program includes five Capability Expansion Sessions addressing key areas to enhance your understanding of necessary capabilities for sharing data and gather insights for informed decisions in your collaboration on a circular initiative. Collaborate with external solution providers, innovators and experts using real company case examples to overcome the challenges in your collaboration.

1. **The Power of Data**: Achieving value through data sharing and deriving insights for informed decisions.
2. **Enable Harmonizing:** Overcoming differing formats and processes through data standardization.
3. **Data Assurance**: Addressing internal (security and privacy) and external (legislation) barriers to data sharing.
4. **Technology Solutions**: Mitigating obstacles by implementing technology solutions and ensuring platform effectiveness.
5. **Collaborative Excellence**: Embedding collaboration in daily business activities and enabling upskilling and accountability for circular data across organizations.

3. Individual Working Sessions
The program includes three Individual Working Sessions exclusively for your collaboration, providing a unique opportunity for tailored guidance from the Accenture team on your circular initiative and data sharing challenges. You'll receive one-to-one input and access to Accenture's global network, connecting you with relevant experts.

Example of Data Needs and Data Sharing Challenges
Today, many companies struggle to scale their circular initiatives due to data sharing challenges, such as lack of standardization, platform interoperability issues, and data privacy and security concerns. To exemplify specific data needs and challenges companies face in capturing value from a Circular Economy, case examples from two of the prioritized industries are illustrated below, Textile and Battery.
Collaboration among ecosystem actors to improve data and insights is crucial to enhance decision-making and value creation from Circular Economy. The program will establish an arena where collaborations can address and resolve associated challenges.

Textile industry
The textile supply chain is complex with numerous small-scale entities, poses coordination and traceability challenges.
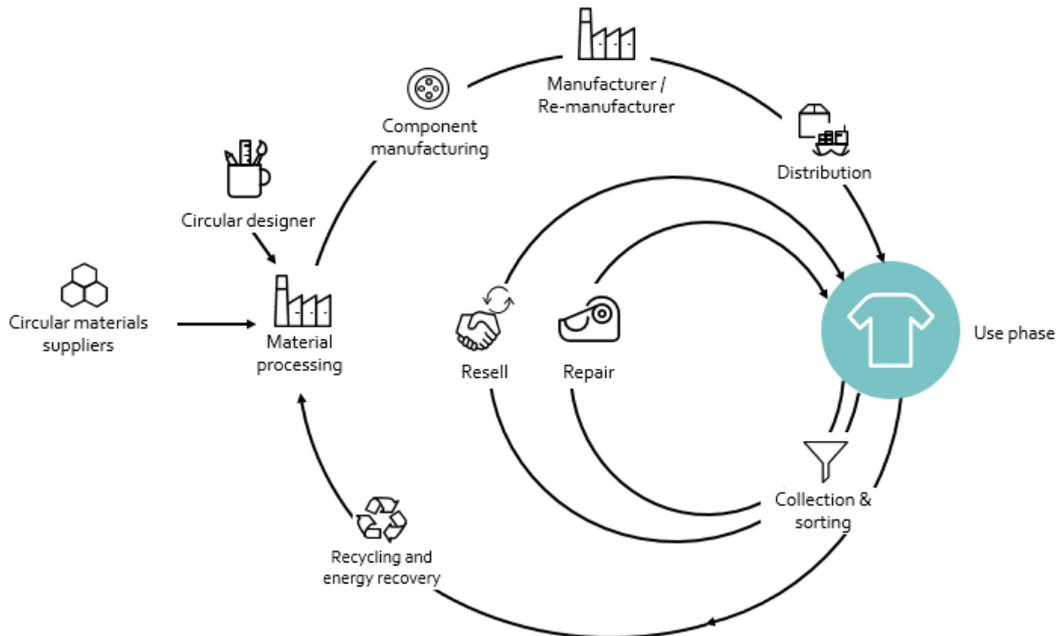
Examples of data needs that are not met today based on challenges
- To optimize material usage, and to determine durability and recyclability potential, circular designers need data on material components.
- To optimize the manufacturing, manufacturers need data on new material flow opportunities that can be used into clothing manufacturing. They also need data from designers of the development of patterns that generate no left-over fabric when manufactured.
- For the repair and reselling of garments, a reseller or repairer needs data on garment history and authenticity.
- To recycle and extract valuable materials recycles need data on product and material composition.

Examples of data challenges
- Lack of traceability makes it difficult to verify the origin and quality of materials which is important for reliability in the supply chain.
- Between the different actors, there are different data formats which leads to inconsistencies in data quality that hampers information flow and collaboration. Sharing sensitive data also raises concerns about data security and privacy.
- For a manufacturer there are challenges related to accessing data from designers, due to manufacturers usually working with many actors and several different clothing patterns.
- For collection and sorting of textiles at end of use, a lack of standardized labelling or textile identification systems complicates sorting processes.

Program value

Addressing key coordination and traceability challenges within the complex textile supply chain, the program will give you:

- Insights on establishing **standardized data sharing formats across multiple suppliers**, to enhance efficiency and profitability.
- **Capability building in data privacy & security**, to ensure traceability while safeguarding confidentiality, such as in design development.
- Best practices for **leveraging platforms and software** to facilitate seamless data sharing.
- Guidance on **designing data governance structures to streamline data sharing** e.g., how embedding collaboration in day-to-day business activity, role and responsibilities can enable sharing of data in and within an organization.

Battery industry

Traceability, trust and collaboration are paramount for a circular battery value chain.

Illustrative/non exhaustive
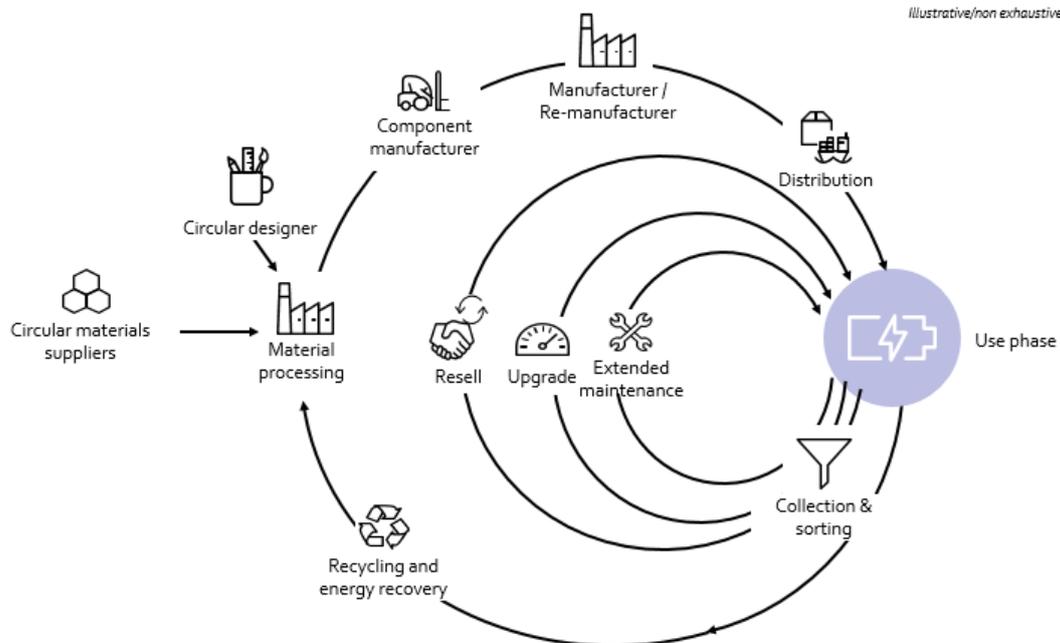
Example of data needs that are not met today based on challenges

- To optimize use, durability, reuse, and recyclability, circular material suppliers need data on origin, recyclability, quality and environmental impact.
- For quality assurance, product performance, regulatory compliance and end-of-use considerations, manufacturers or remanufacturers need data on material composition, quality specifications, and emissions.
- To assess the overall condition and to optimize battery life the upgrader, maintenance provider and reseller need data from the use phase on charging behavior and degradation patterns.
- To effectively and safely recycle the battery, recyclers need information on the material composition, disassembly guides and history.

Example of data challenges

- It is important for resellers and upgraders to know the battery history and health to determine further use and repurpose potential for the battery, however, it can be a challenge to share this information due to business sensitive data, lack of incentives and technical sharing challenges between stakeholders.
- Harmonizing data from multiple actors are challenging, which is important for maintaining data accuracy and reliability.
- There can be a challenge to obtain sufficient information on material composition, quality specification and material source to comply with regulations and standards for use of recyclable materials in batteries.

Program value

Addressing key coordination and traceability challenges within the complex battery value chain, the program will give you:

- Insights on **collecting and harmonizing data** from multiple suppliers to increase efficiency
- Guidance on **navigating battery recycling regulations**, and how to stay ahead
- Best practice sharing for **data security and privacy measures** when sharing between actors
- Best practices for **leveraging platforms and software** to facilitate seamless data sharing
- Direction on developing **data governance frameworks for collaborating in your supply chain** on e.g., how embedding collaboration in day-to-day business activity, role and responsibilities can enable sharing of data across the value chain.