



Toolbox Summary

1. Circularity Compass

The Circularity Compass maps and visualises resource flows across three layers: particles, parts and products. It highlights inputs, outputs and opportunities for reintegration, helping businesses to identify inefficiencies and design circular strategies. Implementation involves preparation, stakeholder engagement, workshops, design, pilot testing and scaling. Benefits include greater resource efficiency, strategic innovation, compliance with regulations and stronger stakeholder communication.

2. Life Cycle Assessment

Life Cycle Assessment provides a comprehensive evaluation of environmental impacts throughout a product's or service's entire life cycle, from raw material extraction to end-of-life. It includes four phases: goal and scope definition, inventory analysis, impact assessment, and interpretation. The LCA enables companies to identify environmental hotspots, improve resource efficiency, reduce costs, and strengthen compliance and stakeholder communication.

3. Lego® Serious Play®

LEGO Serious Play is a facilitated method for communication, creativity, and problem-solving. Participants build models with LEGO bricks to make ideas tangible. Guided by certified facilitators, the process follows four steps: challenge, build, share and reflect. It enables inclusive communication and holistic perspectives in diverse groups. Outcomes include better communication, higher engagement, and improved decision-making.



Toolbox Summary

4. Audit/ Maturity Assessment

Audit and maturity assessment tools evaluate how advanced an organisation in implementing circular and C2C principles is. They help evaluate current practices, identify strengths and weaknesses, and highlight opportunities for improvement. These tools can be used as self-assessments within companies or facilitated by external experts. Their main value lies in offering a structured entry point into the circular transformation, raising awareness, and guiding businesses towards practical next steps.

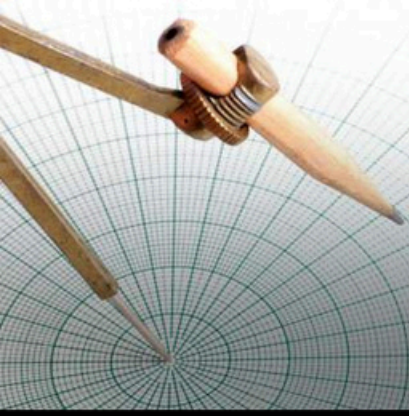
5. Sustainable Business Model Canvas

The Sustainable Business Model Canvas is an adaptation of the traditional Business Model Canvas that incorporates environmental and social dimensions into the core of a company's strategy. It provides a structured framework for mapping how an organisation creates, delivers and captures value while ensuring that economic activities are aligned with sustainability goals. The SBM can be applied by startups to embed sustainable thinking from the outset, by established business to transform existing models, and by public sector institutions or non-profits to align their missions with ecological and social priorities.

6. Quick Scan

Quick Scan helps organisations to evaluate and adapt their business models with regard to circularity. The process consists of two phases. First, the current model is assessed using sustainability and circularity indicators. Second, a future-oriented circular model is developed through the selection of strategies, supporting processes and revenue models.

The tool provides practical recommendations, strengthens resilience and enhances sustainability performance.



CIRCULARITY COMPASS



TARGET GROUP

- Product developer
- Supply chain manager
- Sustainability manager
- Business strategist



BENEFITS

- Visualization of Resource Flows
- Identifying Inefficiencies and Waste
- Supporting Circular Product Design
- Optimizing Supply Chains
- Aligning Sustainability Goals



DURATION

- Initial Workshop: 1 - 2 days
- Pilot Project: several weeks to 2-3 months
- Full Integration: Ongoing

[Project link](#)[Tool link](#)

It is a practical tool that helps businesses understand and optimize their resource flows in order to promote a circular economy. It was developed as part of the European project “EIT Climate-KIC,” based on scientific research. Its goal is to assist businesses in shifting from the traditionally linear economic model, also known as “Take-Make-Dispose,” to a circular model focused on “Regenerate and Restore.”

The CradleALP project



Fossil raw materials and toxic substances are widely used in production processes in the chemical, plastics, and forestry sectors. The Cradle-Alp project focusses on replacing chemical, fossil or unsustainable materials with more circular, sustainable and biodegradable ones.



"This project is co-funded by the European Union through the Interreg Alpine Space programme."



Tool Implementation



Preparation & Assessment



01

- Define scope (product, unit, sector)
- Map current resource use, waste and hotspots
- Collect baseline data

02

Stakeholder Engagement



- Involve key functions and external actors
- Gather diverse input for system understanding
- Build internal alignment

Workshop & Brainstorming



03

- Map resource flows (Particles Parts→Products)
- Visualize inefficiencies and identify circular loops
- Generate design and business model ideas

04

Strategy Development



- Translate insights into actionable circular strategies
- Align with business goals and compliance needs
- Prioritize based on impact and feasibility

Pilot Testing



05

- Test selected initiatives in controlled settings
- Monitor outcomes and iterate based on feedback

06

Rollout & Continuous Improvement



- Scale successful pilots

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LIFE CYCLE ASSESSMENT



TARGET GROUP

- Companies across all sectors
- Product developers
- Sustainability officers
- R & D



BENEFITS

- Full environmental transparency
- Improved decision-making
- Regulatory readiness
- Credible sustainability claims
- Cost & efficiency optimization



DURATION

- Two to six months (depending on the complexity)



[Project link](#)



[Tool link](#)

It is a method used to measure the environmental impact of a product, service or process, applicable from the very beginning of the process (raw materials) to the end (disposal or recycling). This approach helps companies understand how their products actually affect the environment at each state of process. Its goal is to identify where the biggest environmental impacts occur and how they can be improved.

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Tool Implementation



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LEGO® SERIOUS PLAY®



TARGET GROUP

- SMEs & organizations in transformation processes
- Interdisciplinary teams from different departments
- Stakeholders dealing with:
 1. Conflicting interests
 2. Cross-functional collaboration challenges



BENEFITS

- Inclusive dialogue
- Improved decision-making
- Regulatory readiness
- Credible sustainability claims
- Cost & efficiency optimization



DURATION

- Two to six months (depending on the complexity)



[Project link](#)



[Tool link](#)

It's a hand-on facilitation method designed to foster creative thinking, inclusive dialogue, and deeper problem-solving within teams and organizations. Lego bricks serve as a universal language, enabling participants to visualize ideas, emotions, and challenges in a tangible way. The tool supports meaningful conversations and helps unlock insights that often remain hidden in conventional meeting formats.

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Tool Implementation



Challenge

- Facilitator poses a specific question or problem to the group
- Challenge is pre-defined in coordination with the company

Share

- Participants share their models to the group
- Group members are encouraged to ask questions for clarification and deeper insights

Co-create

- Build a shared model
- Combine critical elements from individual models

01

02

03

04

05

Build

- Each participant individually builds a model using Lego bricks
- Timeboxed to promote spontaneity and avoid overthinking
- Abstract building helps visualize thoughts and perspectives

Reflect

- Analyze recurring themes, patterns, and divergences
- Insights are extracted to understand underlying structures and relationships

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AUDIT/ MATURITY ASSESSMENT



TARGET GROUP

- Companies starting or advancing in Circular Economy / Cradle to Cradle transformation
- Manufacturing firms & product development teams
- Sustainability officers & corporate strategy departments
- SMEs seeking an initial diagnostic tool



BENEFITS

- Baseline Evaluation: Assess current state
- Benchmarking: Compare maturity with peers, standards & best practices
- Strategic Planning: Define priorities, guide investments, set actionable goals
- Continuous Improvement



DURATION

- Depends on company size, & structure
- Multi-stage process
- Dividable over several workshops
- Several weeks or months



[Project link](#)



[Tool link](#)

Maturity Assessment Tools are used to evaluate how advanced a company is in a specific area, such as sustainability, circular economy, or Cradle to Cradle practices. It measures progress, identifies readiness for further steps, and offers a structured way to reflect on internal processes, strategies, and capabilities. These tools help companies understand how well circular principles are already integrated and where there's still room for improvement.

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Tool Implementation



Circular Transition Indicators

- Measurement of material flows (recycling rates, material reuse, waste reduction)
- For medium or high maturity levels
- Standardized data

Circular Economy-Focused

Circular Economy-Focused

Maturity and Implementation Model

- Model with roadmap for circular development
- For entry-level companies
- Strategic guidance for starting circular transformation

Circular Economy Assessment Tool

- Assessment of circularity potential across supply chains and departments
- For companies seeking a strategic overview
- Diagnostic tool for cross-departmental improvement

Circular Economy-Focused

Cradle to Cradle Focused

Cradle to Cradle Certified™ Product Standard

- Product verification based on environmental and social C2C criteria
- For product developers & sustainable brand managers
- Benchmark for excellence in product design and sustainability

C2C Framework & Maturity Model

- Evaluation of processes and material based on core C2C principles
- For companies aiming for deep transformation
- Support for embedding C2C into business processes

Cradle to Cradle Focused

Cradle to Cradle Focused

Cradle to Cradle Evaluation Matrix

- Comparison and assessment of alignment with C2C principles

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SUSTAINABLE BUSINESS MODEL CANVAS



TARGET GROUP

Start-ups | SMEs | Non-profits |
Public Sector

- Business development
- Strategic planning
- Sustainability
- Innovation



BENEFITS

- Future-proof your business
- Differentiate your brand
- Increase operational efficiency
- Strengthen stakeholder trust
- Unlock new revenue streams
- Drive meaningful innovation



DURATION

- Depends on company size, & structure
- Multi-stage process
- Dividable over several workshops
- Several weeks or months



[Project link](#)



[Tool link](#)

Traditional business models often approach value creation from a one-dimensional, financial perspective. The Sustainable Business Model Canvas (SBMC) expands this view by integrating ecological and social sustainability into your business model – in a structured, practical, and actionable way.

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Tool Implementation



Analysis



01

- Review your existing Business Model
- Evaluate the environmental impacts and social implications

02



Research

- Identify key actors
- Conduct workshops or interviews to gain:
 - Expectations regarding sustainability
 - Suggestions and concerns related to change

Input



03

- Fill in the SBMC using a triple layer approach:
 - Economy
 - Environment
 - Social

04



Output

- Identify 2-3 quick wins and 1-2 levers per layer
- Assign responsibilities and set KPIs

Pilot



05

- Test 1-2 initiatives (small scale)
- Monitor KPIs
- Adjust based on results and stakeholder feedback

06



Launch

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QUICK SCAN



TARGET GROUP

Companies - all sizes

- Operations
- Strategic planning
- Sustainability
- Innovation



BENEFITS

- Clear assessment of current (sustainability) performance
- Tailored guidance for designing circular business models
- Improved resource efficiency
- Risk reduction
- New innovation opportunities



DURATION

- 1-3 days (Scan)
- 1-6 weeks (Adaption)



[Project link](#)



[Tool link](#)

The Quicksan Circular Business Model Tool is a strategic framework that helps organizations evaluate and evolve their business models toward circularity and sustainability. It offers a two-phase approach:

1. Assessment of the current model
2. Guided development of a future-proof circular model

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Tool Implementation



Analysis

- Conduct the Assessment
- Use cross-functional teams
- Analyze the radar results with leaders

01

02

Targets

- Set priorities
- Choose high-impact areas
 - short-term
 - long-term

Design

- Align R-strategies (Refuse, Rethink, Reduce, Reuse, ..)
- Organizational structure
- Revenue logic

03

04

Enablers

- Digital systems
- Logistics
- Workforce competencies

Pilot

- Small Scale (single product line or region)
- Track and measure
- Review KPIs

05

06

Report

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