Module 3 (Part 2)

Digital Business Models – Designing for Impact in a Tech-Driven World

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Module 3 Overview

This module explores how green and digital principles come together to shape modern business models. Learners will examine how sustainability, circular thinking, and digital tools support responsible innovation and help build future-ready businesses. They will develop core skills in model design, environmental awareness, and digital problem-solving. By the end of this module, learners will have outlined a simple green digital business model and identified how it could be taken forward practically and sustainably.

01 From Circular Ideas to Digital Execution

Explore how circular economy principles can be combined with digital tools to design practical and responsible business models.

02 Bringing Green Digital Models to Life

Understand what is needed to turn a green digital concept into a workable plan, including early implementation steps and measuring real-world impact.

Module 3 (Part 2) Interactive Learning Elements

57 Slides

02 Exercise

03 Examples

10 Digital Tools

03 Toolkits & Guides

09 Articles & Reports

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01

From Circular Ideas to Digital Execution

From Circular Ideas to Digital Execution

This section explores how circular economy principles and digital tools can be combined to design innovative and practical business models.

It builds on the foundations from Section 1 and helps learners move from general sustainability concepts toward creating solutions that can work in real settings.

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From Circular Ideas to Digital Execution

The focus is on understanding how circular thinking reshapes value creation, and how digital tools support reuse, repair, shared access, and more efficient resource flows.

Learners will also be introduced to the skills required to apply circular strategies, use digital problem-solving tools, and begin shaping their own model ideas.

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Exploring the Green Digital Business Model (Part 1)

Green digital business models combine circular economy principles with digital technologies to redesign how value is created. Research from the **Ellen MacArthur Foundation (2021)** shows that circular strategies—such as reuse, repair, shared access, and resource recovery—can significantly reduce waste and extend the life of materials. These strategies form a strong foundation for sustainable business design.

A circular approach encourages entrepreneurs to shift away from the traditional "take–make–dispose" model. Instead, the focus is on keeping products and materials in use for as long as possible. This might mean designing services that support product sharing, creating models that encourage repair instead of replacement, or finding ways to bring materials back into productive use.

Understanding these principles provides the basis for designing business models that reduce environmental impact from the outset.

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Exploring the Green Digital Business Model (Part 2)

Digital tools help make circular models practical and scalable.

➡️ The **European Commission (2020)** highlights how data platforms, tracking systems, and digital marketplaces improve visibility and coordination—two essential elements for effectively managing reuse, repair, or sharing systems.

➡️ These tools make it easier to understand where materials are, how products are being used, and when they need attention.
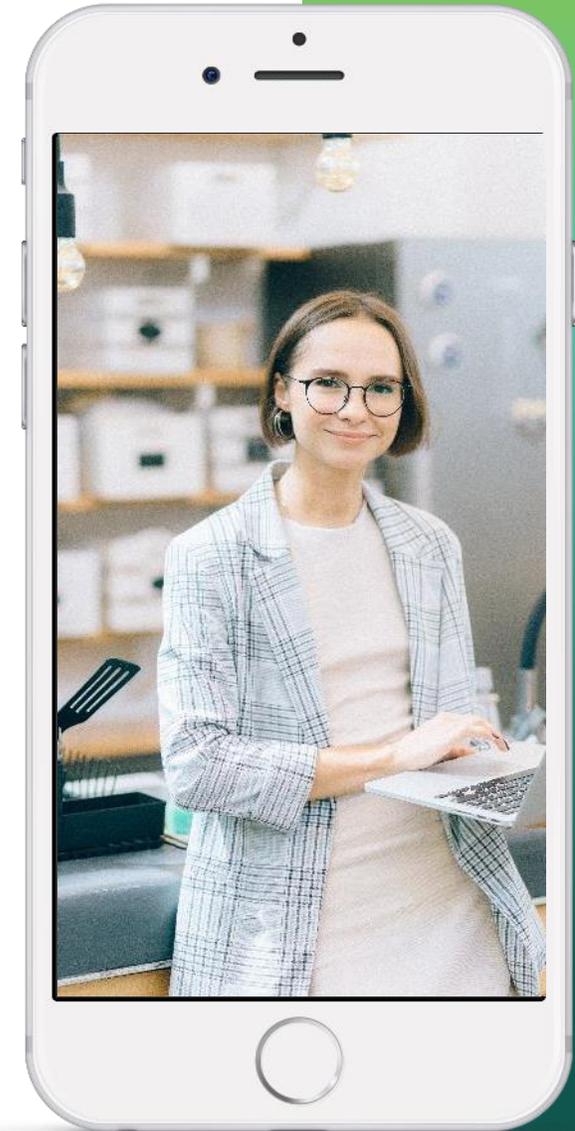
Exploring the Green Digital Business Model (Part 2)

Research from the **OECD (2022)** shows that when digitalisation is combined with circular principles, business models often become more efficient and resilient.

Digital tools support monitoring, streamline operations, and generate insights that help entrepreneurs refine their model over time.

Taken together, circular thinking and digital capability create business models that are both sustainable and workable in real-world conditions.
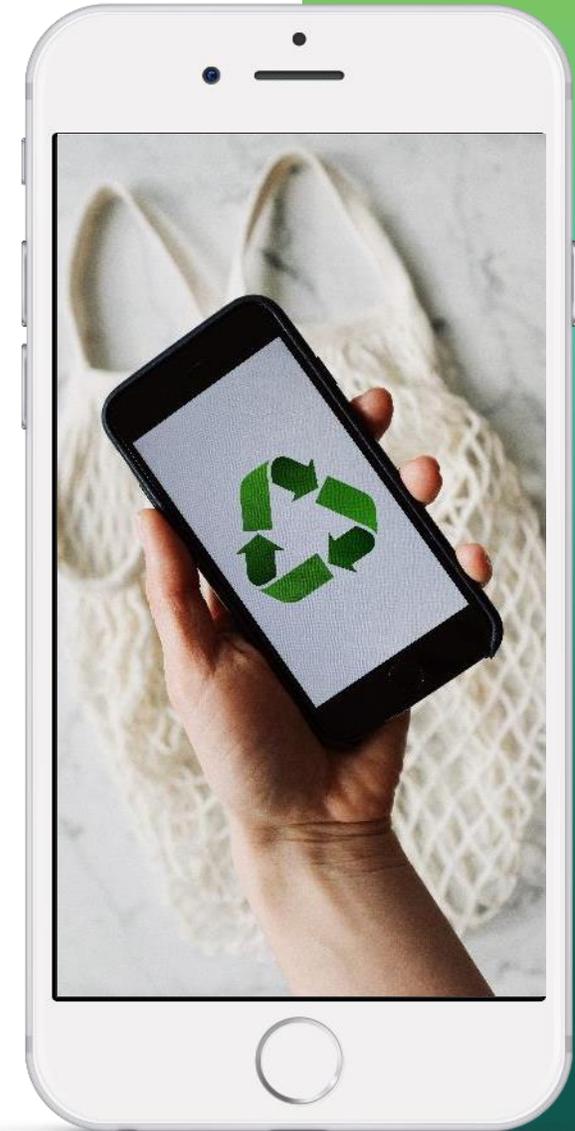
What Makes a Circular Business Model? (Principles)

A circular business model is designed to keep products, components, and materials in use for as long as possible. Instead of relying on continuous production and disposal, value is created through responsible resource use. Research by **Geissdoerfer et al. (2018)** highlights that circular models shift focus from selling more products to maintaining value across longer lifecycles.

Core principles include:

- reducing waste at each stage of the product lifecycle
- extending product life through repair, maintenance, and reuse
- designing products for durability and adaptability
- using resources in closed loops wherever possible

These principles create the foundation for building solutions that are environmentally responsible and commercially viable.

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Circular Business Models in Practice (Model Types)

Circular business models take many forms, depending on the product and user needs.

The **Accenture (2019)** "Circular Advantage" framework identifies several patterns that help businesses move from ownership-based value to access, longevity, or shared use.

Circular Business Models in Practice (Model Types)

Common model types:

→ Product Life Extension – repair, refurbishment, remanufacturing

→ Sharing Models – community sharing, peer-to-peer use

→ Product-as-a-Service – users access a product rather than buy it

→ Resource Recovery – systems for returning and reprocessing materials

These models reduce resource demand while still meeting customer expectations.

Digital Enablers of Circular Business Models

Digital tools make circular models easier to manage and scale. The **World Economic Forum (2021)** notes that digitalisation helps overcome common barriers such as tracking products, coordinating returns, or managing shared access.

Key digital enablers:

Data and Analytics – track usage, condition, and performance

Platforms and Apps – coordinate sharing, rental, or repair services

Sensors and IoT – monitor products through their lifecycle

Automation Tools – streamline processes and reduce operational complexity

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Why Circular + Digital Works Together

When circular thinking and digital capability are combined, they reinforce one another. Circular models need coordination, information, and user engagement — and digital tools provide this structure.

Together, they enable:

- ✓ better insight into how products are used
- ✓ more efficient repair, return, and reuse systems
- ✓ reduced waste through data-led decisions
- ✓ scalable models that can grow without increasing environmental impact

Research from the **OECD (2022)** highlights that this combination leads to stronger, more resilient business models that use fewer resources while still delivering high value.

Business Model Innovation: Why It Matters

Business model innovation is about reshaping how value is created and delivered. In sustainability-focused ventures, the aim is to generate environmental and social value alongside commercial value.

Research by **Bocken et al. (2014)** identifies sustainable business model innovation as a major driver of reduced resource use and improved long-term resilience.

Key shifts include:
→ moving from product sales to long-term service relationships
→ focusing on quality, durability, and reduced resource consumption
→ designing systems that extend value across the entire product lifecycle

Business Model Innovation: Approaches & Example

Bocken et al. (2014) outline several innovation approaches relevant to green digital entrepreneurship:

Maximising material efficiency

Access over ownership

Creating value from waste

Encouraging sufficiency behaviours

Example - Philips Lighting (Signify)

Philips transformed from selling lightbulbs to providing **"lighting-as-a-service."** Customers pay for light, not the product. Philips retains ownership, handles maintenance, and designs products for longevity — a direct application of business model innovation for sustainability.

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Circular Strategy: What It Involves

Circular strategy focuses on designing business activities that keep materials in use for longer. According to the **Ellen MacArthur Foundation (2020)**, circular systems aim to preserve value, slow resource loops, and eliminate waste.

Core circular intentions:
→ designing for longevity
→ reducing waste at source
→ supporting multiple product life cycles
→ enabling recovery of materials at end-of-use

These principles reshape how businesses think about value creation.

Circular Strategy in Practice: Models and Examples

Circular strategies appear in several types of business models:

Maintain/ Extend: repair, maintenance, upgrades

Reuse/ Redistribute: second-hand markets, returns

Refurbish/ Remanufacture: restoring products

Recycle/ Recover: capturing material value

Examples:

- **Picture Organic Clothing–** resale, repair, and refurbishment
- **Fairphone –** modular design for long-term repair and upgrading

Both cases show how strategy is embedded into operations, not added as an afterthought.

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Digital Enablers: Why Digital Matters for Circularity

Digital tools help overcome common circular challenges such as coordination, tracking, and user engagement. The **World Economic Forum (2021)** highlights digitalisation as a core enabler of circular solutions.

Key contributions:
→ improved visibility of resource flows
→ efficient coordination of sharing or rental systems
→ automated monitoring and maintenance
→ data-driven insights for reducing waste

Digital helps circular models operate effectively and at scale.

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Digital Enablers in Action: Examples

Real-world examples demonstrate how digital tools support circular practices:

Too Good To Go	Winnow Solutions	VIGGA (Denmark)
• Uses an app to connect food businesses with surplus items • Digital coordination enables large-scale redistribution	• AI-enabled sensors measure food waste in kitchens • Data insights have reduced waste by up to 50% in some sites	• Subscription model for children's clothing • Digital tracking ensures items circulate efficiently

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Digital Tools That Support Circular Model Design

Digital tools play a useful role in helping learners explore, test, and refine circular business model ideas. At this stage, the aim is not to build advanced systems but to use simple, accessible tools that support early thinking and structured experimentation. **How these tools support learning and design:**

Clarify systems and loops
Tools such as Miro or Mural help learners visualise material flows, identify waste points & map circular loops such as reuse, repair, or sharing.

Explore user behaviour
Surveys created in Google Forms or Typeform help learners understand barriers to participation, motivations, and potential touchpoints.

Plan practical tests
Platforms like Trello or Asana support planning for small pilots, helping learners structure tasks, assign roles, and track progress.

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Digital Tools That Support Circular Model Design

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Communicate ideas clearly
Canva enables quick creation of model diagrams, value propositions, and user journeys, which supports clear communication of early ideas.

Gather basic data
Simple analytics tools provide early signals about engagement or interest when testing digital features or mock-ups.

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Green Opportunities Through Digitalisation

Digitalisation creates a range of opportunities for greener and more efficient business models. When used with a sustainability purpose, digital tools can open up new ways of designing, delivering, and improving products and services. **Key opportunities include:**

Better use of Resources: Data and analytics help identify waste, reduce energy use, and optimise material flows.

Improved transparency: Digital reporting and traceability tools help businesses meet environmental standards and share reliable information with customers or partners.

New Circular Models: Digital platforms enable sharing, rental, repair, and product-as-a-service models that keep materials in use for longer.

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Smarter Decision-making: Real-time information supports choices that lower environmental impact and improve efficiency.

More Accessible Innovation: Digital reporting and traceability tools help businesses meet environmental standards and share reliable information with customers or partners.

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Case Study: Picture Organic Clothing – Digital Platforms Enabling Circular Fashion

Picture Organic Clothing is a French outdoor apparel company that integrates circular design, material innovation, and digital transparency into its business model. Instead of focusing only on selling garments, the company promotes longer product lifecycles through repair, rental, and recycling initiatives. By combining circular design with digital traceability tools, Picture enables customers to understand the environmental impact of their clothing while keeping products in use for longer.

Circular principle in action:	Digital platform as the backbone:	Lifecycle data:	Environmental benefit:
Picture extends the life of technical outdoor clothing through repair services, rental options, and take-back programmes that return used garments into new production cycles.	Digital platforms support rental services, repair management, and recycling programmes, helping the company coordinate circular product flows and customer participation.	QR-based Digital Product Passports allow customers to view material origins, supply chain information, and the carbon footprint of each garment.	Repairing, renting, and recycling outdoor gear reduces textile waste, lowers raw material demand, and decreases the carbon footprint of clothing production

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Workshop Activity: Designing a Circular-Digital Business Model

Objective: This activity encourages learners to apply circular principles and digital tools to an idea of their own. It supports active learning by guiding students through problem framing, solution design, and early testing.

Activity steps:

01 Select a product or service	02 Identify a circular opportunity	03 Identify a digital enabler	04 Create a one-slide summary
❑ Choose an item with material, waste, or lifecycle challenges (e.g., clothing, kitchenware, toys, tech devices)	Students decide which circular principle to apply: ❑ designing for longevity ❑ repair or refurbishment ❑ reuse or redistribution ❑ rental or access-based use ❑ resource recovery	Learners choose a digital element that strengthens the model: ❑ coordination (platform, app) ❑ tracking (barcode, QR code, simple IoT) ❑ user prompts or nudges ❑ basic analytics	Students produce a simple visual showing: ❑ the circular opportunity ❑ the digital tool ❑ the intended environmental benefit ❑ how the idea might work in practice

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Reflection and Transition to Section 3

This section has explored how circular principles and digital tools work together to shape innovative business models. Learners have examined the foundations of circular design, looked at examples such as Grover, and considered how digital systems support coordination, tracking, and resource efficiency. The practical activities encouraged learners to begin shaping their own ideas by aligning a circular opportunity with a suitable digital tool.

As we move into **Section 3**, the focus shifts from designing ideas to **bringing green digital business models to life**. This involves planning how a model will operate, identifying partners and resources, exploring funding options, and understanding how environmental impact can be monitored and communicated. The aim is to support learners in developing models that are not only well designed but also realistic to deliver and capable of creating measurable environmental value.

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02

Bringing Green Digital Models to Life

Bringing Green Digital Models to Life

This section focuses on turning well-designed ideas into practical, workable business models.

Learners move beyond the design stage to consider how their model can operate day-to-day, how resources and partners will be managed, and how environmental impact will be measured and communicated.

The aim is to support the shift from concept to implementation by introducing tools, planning approaches, and real examples of how green digital ventures grow responsibly.

Bringing Green Digital Models to Life

Learners will explore the practical steps involved in launching a circular-digital model, understand the role of funding and partnerships, and learn how digital tools support reliable tracking, reporting, and scaling.

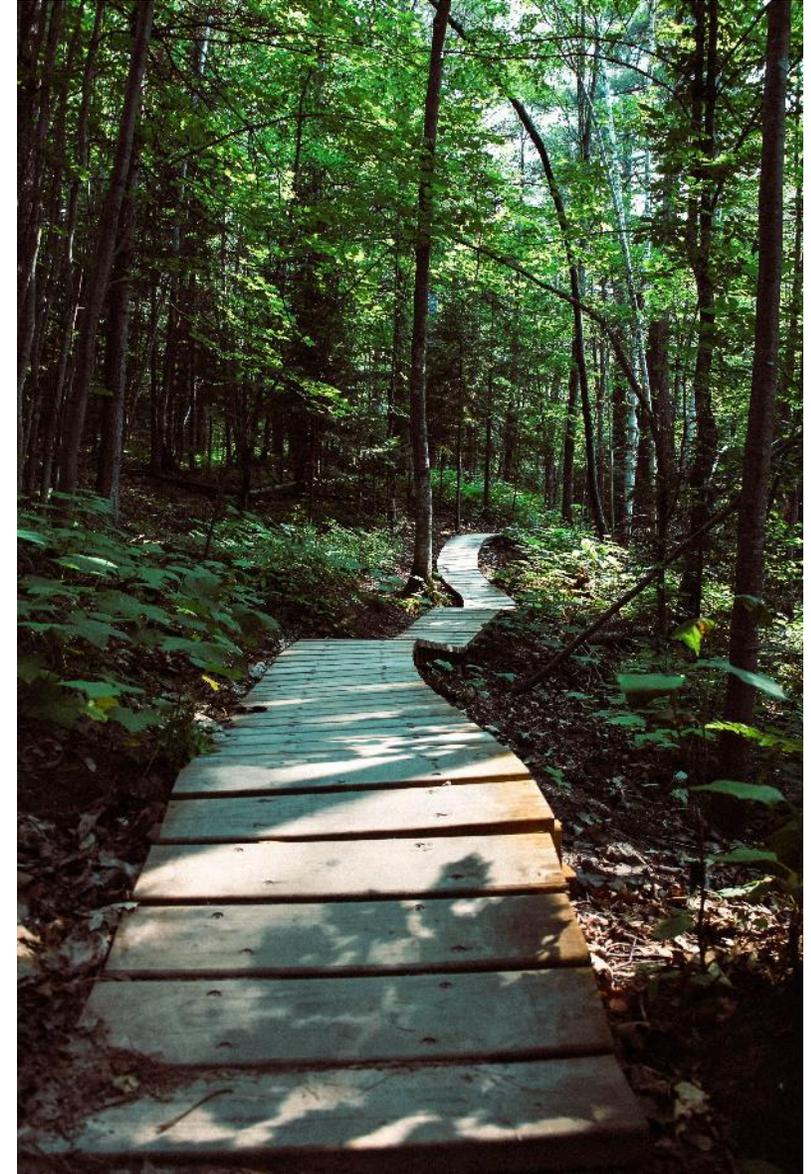# Embedding Circular Practices in Operations (Part 1)

Operational design is vital to making circular-digital business models work. A recent study by Romo et al. (2025) examines how the "intelligent circular economy" depends on aligning organisational processes with digital and circular principles.
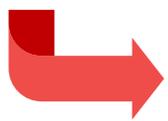
Their research shows that companies often succeed when they begin by mapping resource flows, identifying where waste occurs, and redesigning activities to maintain value for longer.

This includes planning how products move through multiple life cycles and ensuring that repair, reuse, refurbishment, or recycling are built into routine operations rather than treated as add-ons.

Embedding Circular Practices in Operations **(Part 1)**

Key operational elements:

Map the complete lifecycle of a product or service, including return, repair, reuse, or recycling pathways.
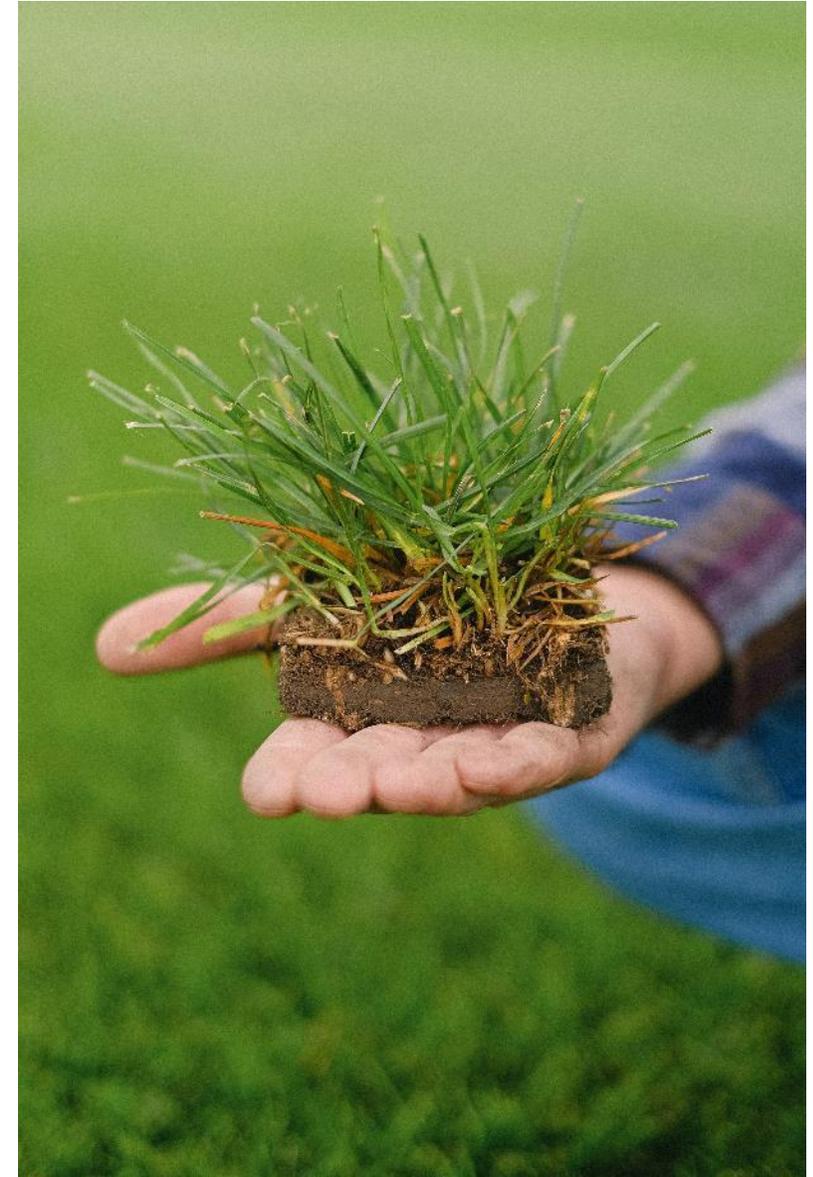
Develop clear reverse-logistics systems to bring items back into circulation.

Establish structured workflows for maintenance, refurbishment, and remanufacture.

Ensure day-to-day processes remain simple, accessible, and scalable.

Embedding Circular Practices in Operations (Part 2)

Digital tools play an important enabling role in circular operations. According to the **Wuppertal Institute and One Planet Network (2025),** digitalisation helps overcome some of the most persistent challenges in circular business models: fragmentation, complex logistics, and limited visibility of materials and products. Their report emphasises that tools such as sensors, digital product passports, and AI-supported systems create the transparency needed to make repeated use practical. These tools support decision-making by showing where products are, how they are being used, and when they require maintenance or refurbishment.

| **Tracking tools** (e.g., QR codes, sensors) to monitor condition, usage and traceability.	**Digital platform as the backbone:** The platform manages subscriptions, returns, repairs, and product tracking, reducing operational complexity.	**Automation** to manage scheduling, notifications, or inventory, reducing manual work.	**Data dashboards** to review usage patterns, product lifespan, and environmental performance.

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Sustainable Supply Chains and Procurement (Part 1)

Building a green digital business model requires looking beyond the product or service itself and examining how materials and resources move through the supply chain.

Research from the **World Business Council for Sustainable Development (2023)** shows that procurement decisions often account for most of a company's environmental impact, particularly in resource-intensive sectors.

This means the sustainability of a model depends heavily on choices made early—such as sourcing low-impact materials, working with responsible suppliers, and designing products that can be used again.
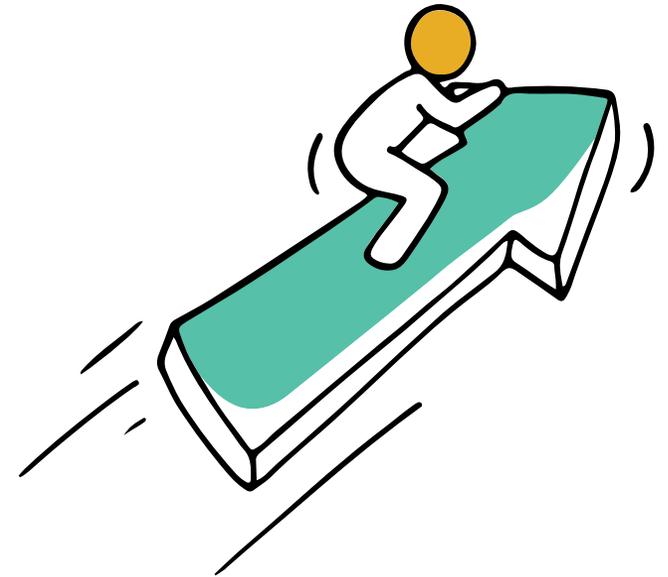
World Business Council for Sustainable Development (2023). *Scope 3 Action Code of Practice: A guide to reduce value chain emissions.*

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Sustainable Supply Chains and Procurement (Part 2)

Embedding sustainability into procurement also means setting clear expectations.

Businesses are encouraged to work with suppliers who show transparency, use renewable energy, follow ethical labour standards, and support circular practices such as repairability and material recovery.

When these principles guide everyday purchasing decisions, the model's environmental footprint is reduced long before the product reaches the user.

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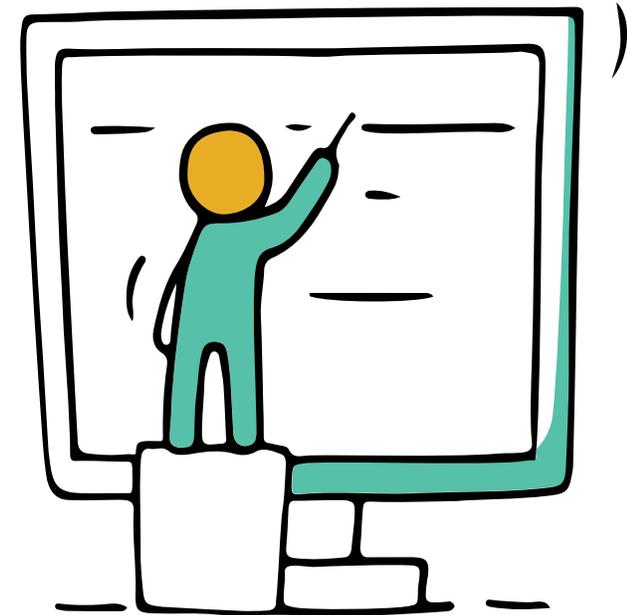
Why Circular + Digital Works Together

Digitalisation strengthens sustainable supply chains by improving transparency and making them easier to manage.

A 2024 report from the **Digital Innovation Observatory** and ENISA highlights the growing use of digital product passports, blockchain traceability, and supplier data platforms, all of which help organisations see where materials come from and how they are handled.
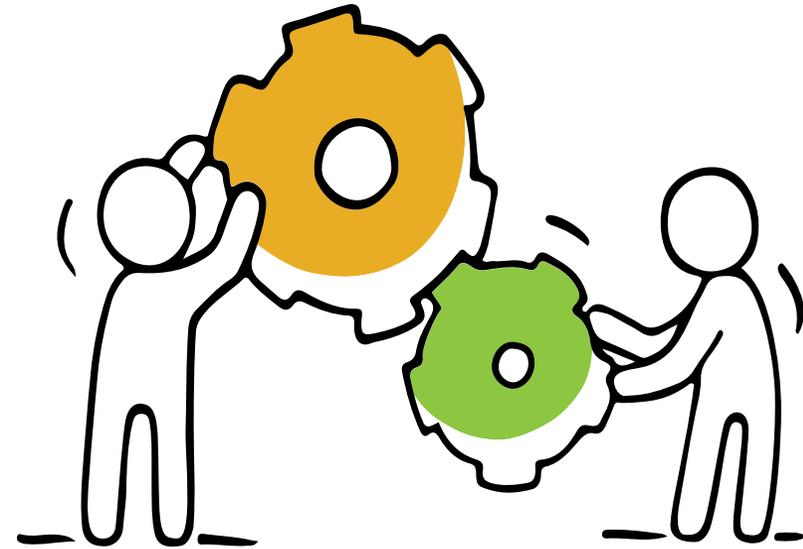
Why Circular + Digital Works Together

For circular-digital businesses, this visibility is essential.

Product passports reveal repairability or recyclability, blockchain confirms material origin, and real-time systems track logistics emissions.

Together, these tools help verify sustainability claims, guide supplier choices, and ensure operations support the model's environmental aims.
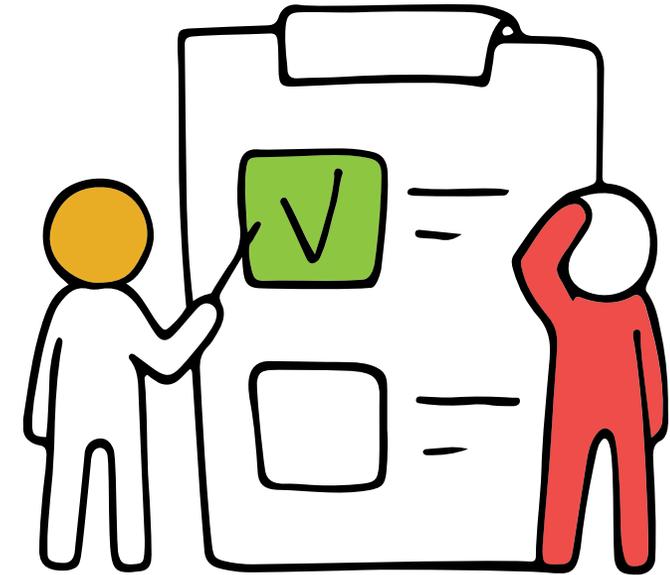
Scaling Sustainably (Part 1)

Scaling a green digital business model requires planning so that growth does not increase environmental impact. Research from the **Cambridge Institute for Sustainability Leadership (2023)** highlights that rising demand can place pressure on resources, logistics, and supply chains. Sustainable scaling focuses on maintaining environmental integrity while expanding reach.

Key principles for responsible scaling:

Build on what already works: Strengthen proven circular and digital processes before expanding.

Ensure systems can handle volume: Repair, return, and sharing workflows must grow in capacity as the model scales.

Select supportive partners: Work with logistics, repair, or technology partners that can uphold circular aims and minimise rebound effects.

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Scaling Sustainably (Part 2)

Digital tools help businesses scale sustainably by improving visibility, efficiency, and decision-making. A report from the **OECD (2023)** shows that digitalisation—particularly the use of data analytics, automation, and simple AI—allows organisations to understand where resource pressures appear during growth and how to manage them.

Data-led decision-making:

Analytics highlight patterns that inform repair planning, inventory levels, and resource use.

Automation of repetitive tasks:

Scheduling, returns management, and communication become more efficient as volume grows.

Predictive insight:

AI tools help forecast demand, maintenance needs, or potential inefficiencies.

Performance dashboards:

Enable ongoing monitoring of environmental and operational indicators as the business expands.

Measuring Environmental Impact

Measuring environmental impact is essential for understanding whether a green digital business model is creating the benefits it aims to deliver. The **Global Reporting Initiative (GRI, 2021)** emphasises that organisations need clear, reliable metrics to assess progress and identify areas for improvement. Without measurement, circular-digital models risk operating on assumptions rather than evidence.

Areas commonly assessed include...

Resource use: reductions in materials, water, and energy inputs

Waste prevention: quantity avoided through reuse, repair or extended lifespan

Product longevity: how long products stay in circulation and how many users they serve

Carbon impacts: emissions associated with production, logistics, and digital operations

Impact measurement gives entrepreneurs the information needed to refine their model, communicate results, and build credibility with partners and funders.

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Measuring Environmental Impact

Digital tools make environmental measurement far more practical and precise. The **UN Environment Programme (2022)** notes that digital transformation has expanded access to real-time data, improved traceability, and strengthened the accuracy of environmental reporting. These capabilities are especially important for circular models, which rely on knowing how products move, how often they are used, and where value is lost.

Digital tools that support measurement:

→ **Sensors and IoT devices:** capture real-time data on energy use, product condition or emissions.

→ **Digital product passports:** store information on materials, repair history and recyclability.

→ **Lifecycle assessment software:** tools such as OpenLCA help estimate environmental impacts across the full lifecycle.

→ **Analytics dashboards:** organise data into clear insights that support decision-making and transparent reporting.

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ESG: What It Means and Why It Matters

ESG provides a framework for understanding how responsibly a business operates. For green digital ventures, ESG helps ensure that environmental aims are supported by reliable governance and social responsibility. Rather than being only a reporting requirement, ESG is a way of shaping decisions so that innovation aligns with ethical practice.

The **UN Principles for Responsible Investment (2021)** explain ESG as a tool for identifying risks and opportunities that may not appear in financial accounts but have long-term consequences. For early-stage green digital businesses, this means thinking about how their operations effect people, the environment, and data integrity from the beginning.

The Environmental Dimension: What Needs to Be Tracked

The environmental part of ESG is especially relevant to circular and digital business models. It focuses on how resources are used, how waste is prevented, and how emissions are reduced over time. According to the **GRI Standards (2021),** environmental reporting should give a clear picture of how a business affects the natural world. Key areas to monitor:

For circular-digital models, this means using reliable data to show how the model reduces impact compared to the linear alternative.

Energy and Material Use

Waste Reduction and Reuse

Emissions across the Supply Chain

Product Lifespan and Recovery Rates

How Digital Tools Support ESG Reporting

Digitalisation plays a major role in making ESG reporting practical and credible. The **OECD Digital Economy Paper (2023)** highlights how automation, data platforms, and digital records reduce the burden of gathering information and improve accuracy. This is particularly useful for circular business models, where data comes from many different points in the system. Digital Systems that support ESG include:

Tracking tools to monitor resource flows and product use

Automated datasets that reduce manual reporting

Digital product passports that store material and lifecycle information

Dashboards to present environmental indicators clearly

Compliance platforms that align reporting with GRI, SASB and the EU CSRD

Funding Strategies for Green Digital Ventures (Part 1)

Securing early-stage funding can be difficult for green digital ventures, but projects with clear environmental aims often access funding not available to conventional start-ups. The OECD (2022) notes that early-stage innovators benefit most when they match the type of funding to their stage of development, allowing them to test ideas without taking on unnecessary financial risk.

Early-stage pathways that work well for circular-digital ideas	
Innovation grants and sustainability awards	These reduce early financial pressure and support experimentation, especially for pilots combining digital tools with circular practices.
Impact-focused angel investors	Many early investors now prioritise environmental and social value alongside financial returns.
University incubators and accelerator programmes	These offer small grants, mentoring, and access to technical resources.
Crowdfunding	Particularly effective when the idea involves community value, repair, reuse, or shared access.

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Funding Strategies for Green Digital Ventures (Part 2)

As ventures mature, they require funding that supports structured growth rather than experimentation. According to the **European Investment Bank (2023),** funders increasingly prioritise business models that can demonstrate measurable environmental benefits, supported by digital systems capable of tracking impact.

Later-stage funding avenues include:

→ Impact investment funds: These invest in ventures with clear, measurable environmental outcomes, supported by credible data.

→ Climate and circular economy funds: Target solutions that reduce emissions, waste, or resource use at scale.

→ Green public finance schemes: Government-backed loans or blended finance designed to support repair, reuse, and recycling systems.

→ Corporate partnerships: Companies fund pilots or integrate circular-digital solutions into their own sustainability strategies.

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CASE STUDY

Infantium Victoria

Spain/Germany

GIRLS   BOYS   BABY   OUTLET   PRELOVED   OUR STORY

ERO JACKET

SHOP NOW

SUSTAINABLE KIDS FASHION

Case Study: Infantium Victoria (Spain/Germany)

Infantium Victoria is a small European fashion brand that focuses on ethically produced children's clothing designed for circularity. The company combines sustainable materials, digital production planning, and resale initiatives to reduce textile waste and extend garment lifecycles. By designing products for recyclability and producing only what is needed, the company demonstrates how circular design can work at SME scale.

The brand prioritises **organic and biodegradable materials** and avoids blended fabrics that are difficult to recycle. Instead of producing large seasonal collections, Infantium Victoria relies on a **digital pre-order system**, meaning garments are manufactured only after customers place orders. This approach significantly reduces unsold inventory and material waste.

To extend product use, the company also encourages customers to return or resell garments through its **digital pre-loved marketplace**, allowing clothes to circulate among multiple families and reducing demand for new production.

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How Infantium Victoria Uses Digital Tools

Digital tools support Infantium Victoria's circular strategy by improving product transparency, production planning, and material tracking.

Each garment includes a **QR-based digital product passport**, allowing customers to access information about the garment's materials, origin, and lifecycle. This transparency helps build trust while supporting future recycling or reuse.

The company also uses **3D digital design software** to prototype garments virtually before manufacturing. This reduces the need for physical samples, saving fabric, water, and development resources.

Digital records of materials and production processes allow the company to demonstrate environmental performance and prepare for emerging **EU sustainability regulations** related to product traceability and environmental claims.

Impact and Lessons for Green Digital Entrepreneurs

Circos reports that garments in the system are used **up to four times longer** than conventional children's clothing. Research from the **Ellen MacArthur Foundation (2022)** highlights Circos as a strong SME example of how circular textiles can reduce production-related emissions and cut waste significantly when supported by digital coordination. Lessons for learners include:

Circular design works best with digital support: tracking, inventory, and customer management make reuse smooth.

Durability is a strategic decision: materials and product choices directly affect the number of circulation cycles.

Data improves operations: understanding wear and lifespan helps refine the model over time.

SMEs can scale responsibly: even small firms can create measurable environmental impact with the right operational design.

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Practical Exercise: Designing a Circular-Digital SME

Objective: This exercise helps learners apply Section 3 by creating a simple operational plan for a circular-digital business.

Part 1 – Circular Operations

Choose a product category (e.g., clothing, tools, tech accessories, sports gear) and outline:

❑ how items will be used, returned, repaired, or recirculated

❑ what the return or collection process looks like

❑ how maintenance or refurbishment will be organised

❑ any design features needed for durability or multiple life cycles

Note: This exercise helps learners evaluate whether their model is realistic, measurable, and scalable.
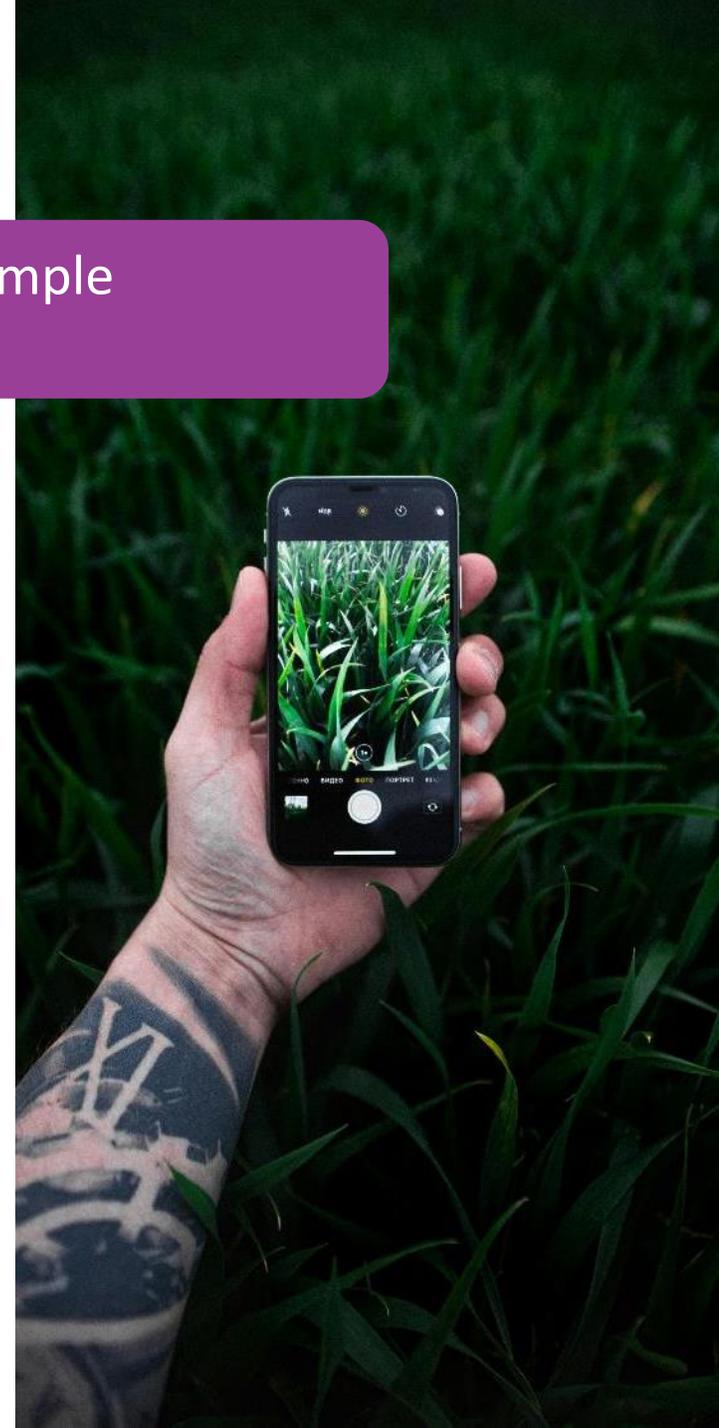
Part 2 – Digital Support Systems
Identify
- the digital tools required (platform, tracking, automation, dashboards)
- what data you need to collect
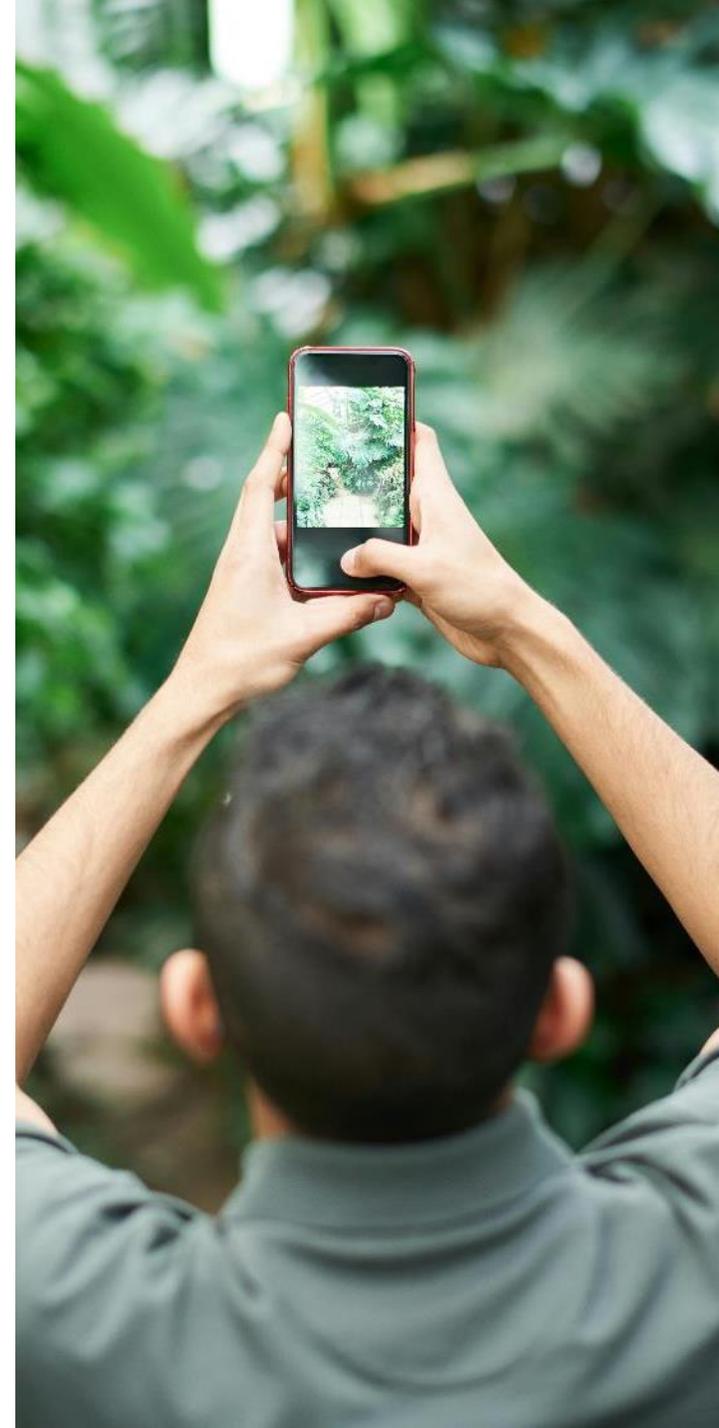- how these tools keep operations reliable

Part 3 – Impact Indicators
Select three indicators you would track, such as:
- cycles per product
- waste avoided
- repair rates
- emissions reductions
- Explain briefly why they matter.

Output Create a **2-slide summary** showing:
- Circular operations
- Digital tools + impact measures

Module Wrap-Up: Key Ideas

This module has explored how green digital business models are designed and brought to life. Learners examined the foundations of green digital entrepreneurship, the role of circular principles, and the importance of digital tools in shaping value creation. They have seen how operational design, supply chains, and funding choices influence whether a model can function sustainably in the real world.

Throughout the module, the focus has been on understanding how digitalisation and sustainability work together. Digital systems support coordination, tracking and transparency, while circular thinking reshapes how products and materials move through the economy. The combination of the two provides opportunities for innovation and responsible business growth.
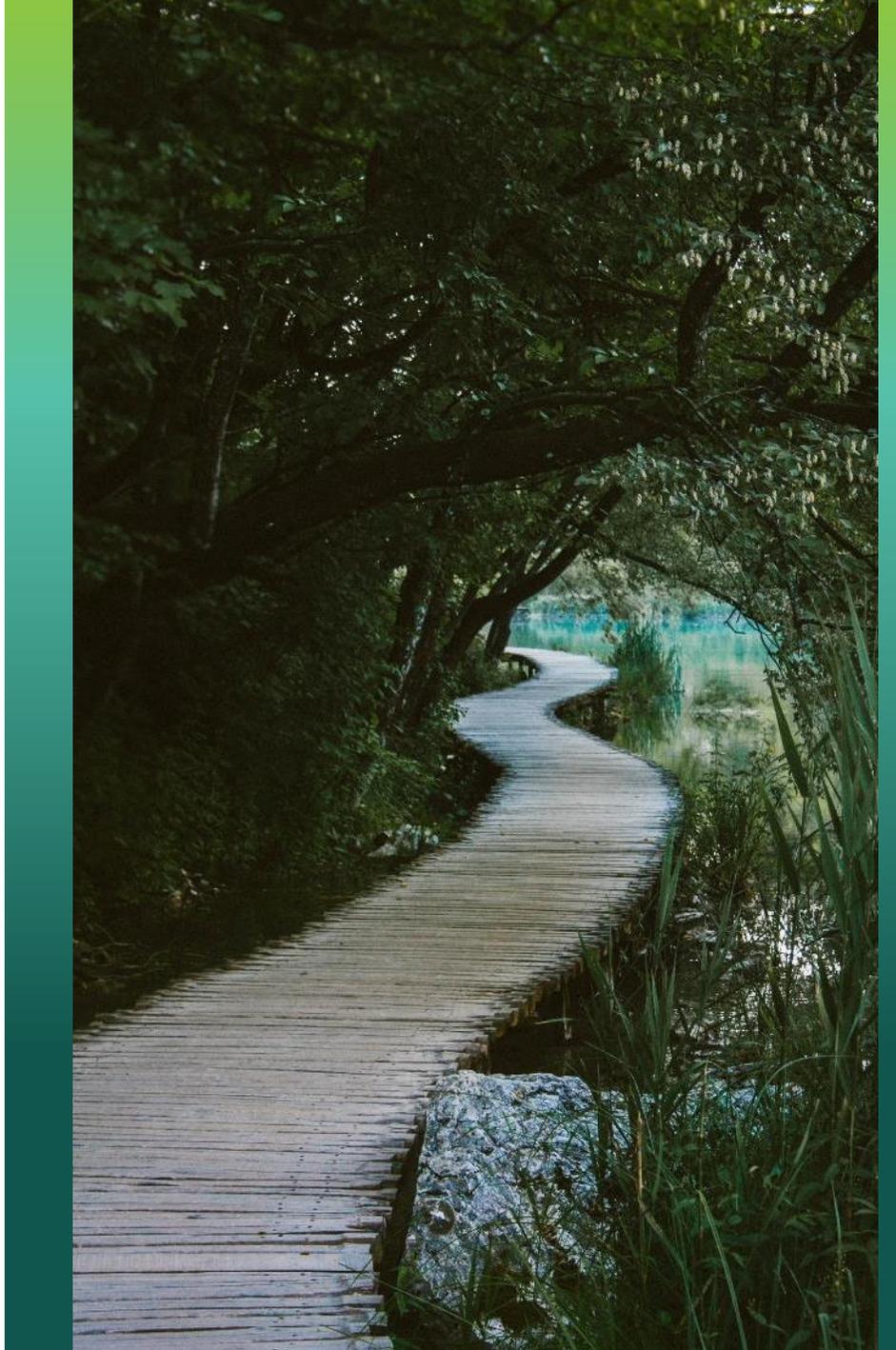
Reflecting on What You Can Do Next

The next step is to apply these concepts to real ideas. This may involve refining a business model, testing a circular workflow, experimenting with a digital tool, or preparing early-stage funding materials. The aim is to move from understanding to action, building models that are practical, measurable and capable of creating positive environmental impact.

Learners are now able to:

Identify opportunities for circular-digital value creation

Design business models that align sustainability with digital tools

Plan basic operations, supply chains and impact indicators

Recognise appropriate funding pathways for different stages of development

Understand how to scale responsibly without increasing environmental harm

Entrepreneurship Education

Well Done

Module 4

Social Impact & Inclusion

You have Completed…
Module 3 (Part 2)

Next is…