





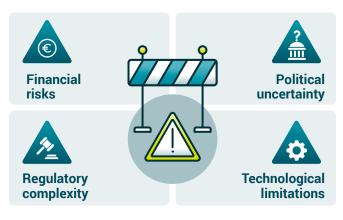
The InvestCEC project is developing a scalable model for implementing circular economy projects in European cities and regions by partnering circular entrepreneurs with public municipalities seeking circular services.

The pilot programme is being tested in Klagenfurt, Austria



BARRIERS TO CIRCULAR INVESTMENT

Despite the strong sustainability and return potential of circular economy investments, four key barriers hinder circular economy startups from scaling their services:



Investor confidence remains low due to unclear returns, market volatility, and misconceptions about the financial viability of circular business models, yet the interest continues to increase.

ENTREPRENEURS NEED TO ATTRACT CIRCULAR INVESTMENT

The following needs have been identified for scaling circular services offered by startups. To do so, it is necessary to:



Increase Investment Readiness

Circular ventures must demonstrate stability to partner with municipalities constrained by public finance rules.



Develop Capacity-Building for Entrepreneurs

Startups need support to meet municipal criteria, navigate public procurement rules, and align with infrastructure needs.



Increase Investor Awareness

Investors need better tools and key performance indicators (KPIs) to assess the viability of circularity projects.

POLICY SOLUTIONS TO SUPPORT CIRCULAR INVESTMENT

To enable circular startups to scale up, policy support is needed to provide a favourable environment to invest into the circular economy:

Foster innovation hubs and support industrial symbiosis networks

to scale up circular collaboration

Develop EU-wide circular economy metrics

to guide investor decision-making and improve citizen engagement

De-risk early-stage pilots

through targeted support and co-investment mechanisms



Introduce targeted tax incentives, guarantee schemes, and stronger sustainability reporting

to mobilise private investment

Strengthen circular public procurement

by integrating clear CE criteria and simplifying access for SMEs



LEARN MORE IN THE INVESTCEC FINAL POLICY BRIEF









Risk Factors in Circular **Economy Investments**



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The shift to a circular economy is not only about recycling old products, it is about redefining how businesses create value. For investors looking to tap into this growing movement, there are two key strategies:

DIRECT CIRCULARITY



ENABLING CIRCULARITY

Businesses that physically close material loops (regeneration, reuse, waste-to-resource).

- · Clear environmental impact
- · Strong alignment with circular goals
- · Dependence on volatile supply chains
- · Market demand fluctuations
- · Capital-intensive and regulated
- · Waste-to-energy plants
- Electronics/textile remanufacturing
- Biodegradable material startups

Businesses that provide tools, tech, or services that support circular models.

- · Lower operational risk
- High scalability across sectors
- · Resilient to supply chain disruptions
- Future-proof technology
- Indirect impact on material flows
- · Market uptake of tech may vary





- Al-driven logistics
- · Blockchain for material traceability

Drive visible, hands-on change, they carry higher operational risk.



Risks

What strategies are better for investing into the circular economy?

Offer broader, more resilient, and often lower-risk opportunities, particularly appealing to investors seeking long-term scalability and cross-sector relevance.

To showcase profitability and long-term value creation and to build confidence, circular businesses must highlight their financial resilience, cost savings, and competitive advantages.

granting authority can be held responsible for them

Investments in resource efficiency, waste reduction, and sustainable design often lead to lower production costs, stronger brand positioning, and higher long-term returns.



LEARN MORE IN THE INVESTCEC GUIDE: INVESTING IN THE CIRCULAR ECONOMY













Investors conducting due diligence on startups focus on the business's financial health, market opportunity, scalability, and ability to deliver measurable environmental and social impact. Preparing for this scrutiny is critical to building trust and securing funding.

Impact investors are particularly drawn to startups that align with circular economy principles and can show strong potential for:



PRIORITY AREAS FOR INVESTORS INCLUDE



Checklist



FINANCIAL HEALTH AND KPIs



Historical financial statements (2-3 years) and 3-5 year projections

Key metrics: CAC, LTV, Burn Rate, Churn Rate, Revenue Growth



TRACTION AND TEAM

Proof of product-market fit and demand

Growth metrics: revenue trends, customer acquisition, retention

Experience level of the management team, board and avisors

Strong partnerships or pilot projects

granting authority can be held responsible for them.



MARKET OPPORTUNITY AND COMPETITIVE EDGE

Market size: TAM, SAM, SOM

Unique technology, IP, or partnerships

Plans to manage market and regulatory risks



PRODUCT AND TECHNOLOGY VALIDATION

Product milestones and roadmap

Proof of innovation: patents, validations, deployments



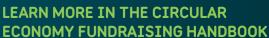
LEGAL AND REGULATORY COMPLIANCE

Up-to-date corporate and Intellectual Property documents

Compliance with environmental and data privacy laws

Reliable contracts and truthful marketing

















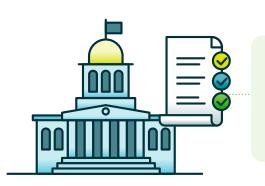
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Governance and public policies are key to driving the circular economy in cities and regions.

They provide the frameworks, incentives, and coordination needed to overcome barriers and scale circular initiatives.



The Circular Economy Action Plan serves as the main guidance document

to drive circularity across cities and regions across Europe.

OUTLINED SOLUTIONS AT URBAN AND REGIONAL LEVEL TO PROMOTE CIRCULARITY PRACTICES

Embrace technological innovation by investing in local R&D for circular solutions

Provide regulatory harmonisation to align local, regional, and national policies



Support education and awareness campaigns

to align local, regional, and national policies

Provide financial incentives

to develop funding tools and support mechanisms



Development of local circular economy strategies



Implementation of circular public procurement systems

IDENTIFIED EXAMPLES OF EFFECTIVE POLICY MEASURES



Promotion of multi-stakeholder collaboration

(business, academia, citizens)



Creation of circular innovation hubs for startups and SMEs



Target-setting and tracking measurable circular goals



LEARN MORE IN THE CIRCULAR ECONOMY SOLUTION AREAS FOR URBAN/REGIONAL SETTINGS REPORT













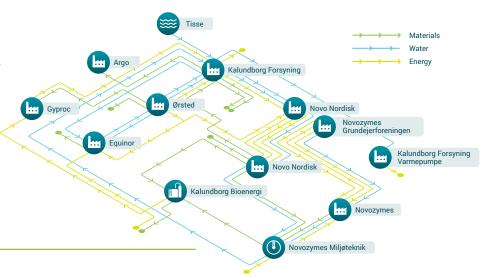
Since 1972 in the city of Kalundborg, Denmark, the world's first industrial symbiosis with a circular approach to production was developed. It brings together 17 public and private organisations, to collaborate and exchange energy, water, and material resources.

The main principle is simple yet extremely effective: one company's by-product becomes another's input, reducing environmental impact while improving competitiveness.



HOW DOES IT WORK?

- Public and private companies are physically connected.
- They share surplus steam, heat, water, and materials.
- The model is based on trust, cooperation, and long-term vision.



IMPACTS AND BENEFITS

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Economic

- · Lower production costs
- · Business growth
- Positive ROI for all partners

Environmental

- Fewer CO₂ emissions
- Waste reduction
- Efficient use of natural resources

Social

- Local job creation
- Community resilience
- Strong local partnerships

Kalundborg Symbiosis proves that the circular economy works, reducing waste, cutting emissions, and boosting Denmark's green leadership.

It supports the national goal

70%
REDUCTION

Driven by strong public-private collaboration, shared infrastructure, smart energy systems, and

aligned incentives, it shows how trust and innovation can scale circular solutions. **Kalundborg is a real-world example of how the circular economy thrives as a model** to replicate across cities and regions across Europe.



LEARN MORE THE KALUNDBORG SYMBIOSIS IN THE CIRCULAR ECONOMY SOLUTION AREAS FOR URBAN/REGIONAL SETTINGS REPORT www.symbiosis.dk



