

**ROBIN White Paper**

# **Overcoming Regional Challenges and Barriers to Circular Bioeconomy Development**

PEDAL Consulting  
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**DEPLOYING CIRCULAR BIOECONOMIES AT  
REGIONAL LEVEL WITH A TERRITORIAL APPROACH**



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## TABLE OF CONTENTS

### Contents

<b>EXECUTIVE SUMMARY .....</b>	<b>4</b>
<b>Purpose and Scope .....</b>	<b>4</b>
<b>Key Findings .....</b>	<b>4</b>
<b>1. INTRODUCTION.....</b>	<b>5</b>
<b>2. VISION STATEMENT: TOWARD A RESILIENT AND REGENERATIVE BIOECONOMY</b>	<b>6</b>
<b>3. KEY CHALLENGES AND PROPOSED SOLUTIONS .....</b>	<b>7</b>
<b>Governance Fragmentation and Policy Coherence .....</b>	<b>7</b>
<b>Limited Stakeholder Engagement and Capacity Building.....</b>	<b>8</b>
<b>Inadequate Financing Mechanisms .....</b>	<b>8</b>
<b>Low Public Awareness &amp; Educational Gaps.....</b>	<b>8</b>
<b>Insufficient Data-Driven Monitoring &amp; Evaluation.....</b>	<b>9</b>
<b>Social Fairness &amp; Environmental Impact Considerations.....</b>	<b>9</b>
<b>4. ROBIN IN ACTION: LOCAL SOLUTIONS FROM EUROPEAN REGIONS.....</b>	<b>10</b>
<b>5. ACTION NAVIGATOR: IMPLEMENTATION RESOURCES &amp; DIRECT LINKS .....</b>	<b>12</b>
<b>6. CONCLUSION &amp; NEXT STEPS .....</b>	<b>13</b>
<b>REFERENCES &amp; DIRECT LINKS .....</b>	<b>14</b>



# Executive Summary

## Purpose and Scope

This White Paper summarises the main obstacles hindering circular bioeconomy development in European regions and presents concise, actionable solutions. Based on Deliverable 4.3 of the ROBIN project titled “ROBIN Replication Guide, Toolkit and Policy Recommendations”, it addresses major limitations to implementing circular bioeconomy strategies such as governance fragmentation, stakeholder engagement gaps, financing shortfalls, or limited data monitoring. Each solution is directly linked to ROBIN Deliverables, tools of ROBIN Toolbox, and the project website for instant access. The aim is to equip regional policymakers and stakeholders with a clear, high-level roadmap to identify key challenges and immediately leverage ROBIN’s resources to support a resilient, inclusive circular bioeconomy.

The insights provided in this White Paper are not only analytical but also grounded in the lived realities of ROBIN pilot regions. Drawing from hands-on experience and practical testing, the proposed solutions are field-tested and adaptable across diverse governance contexts. By linking high-level strategies with implementable tools, this document bridges the gap between policy vision and regional execution – enabling stakeholders to move from problem identification to immediate action.

## Key Findings

The ROBIN White Paper highlights six primary barriers to developing a circular bioeconomy across European regions and offers practical, ready-to-use solutions:

- ◆ **Governance Fragmentation:** Disconnected regional, national, and EU-level policies hinder coherent strategy.
  - *Solution:* Establish multi-level governance frameworks that align local action plans with EU directives.
- ◆ **Insufficient Stakeholder Engagement:** SMEs, academia, and civil society often lack structured platforms for co-creation.
  - *Solution:* Form Multi-Actor Regional Constellations (MARC) to ensure inclusive participation.
- ◆ **Limited Financing Options:** Short-term, fragmented funding prevents pilot initiatives from scaling up.
  - *Solution:* Create dedicated regional bioeconomy investment funds and leverage green public procurement.
- ◆ **Low Public Awareness:** Scepticism and limited understanding hinder the adoption of circular practices, as the bioeconomy is often perceived as abstract and disconnected from daily life.
  - *Solution:* Launch targeted awareness campaigns that translate bioeconomy concepts into concrete, relatable examples from everyday life (e.g., sustainable food, waste reduction, eco-

friendly products). Additionally, integrate bioeconomy topics into school curricula and vocational training to build long-term understanding and engagement.

- ◆ **Inadequate Data-Driven Monitoring:** Policymakers lack real-time insights to adjust interventions.
  - *Solution:* Deploy the ROBIN Policy Monitoring System (PMS) and Environmental Protection Planning (EPP) tools of the ROBIN Toolbox.
- ◆ **Social Fairness Concerns:** Unequal benefit distribution risks leaving vulnerable communities behind.
  - *Solution:* Adopt Just Transition policies and strengthen environmental impact assessments.

Each solution is linked to specific ROBIN Deliverables, Toolbox modules, and the ROBIN website for quick reference.



## Accelerating Circular Bioeconomy Transformation in European Regions

### 1. Introduction

Transitioning to a circular bioeconomy across European regions is critical for achieving climate neutrality, driving job creation, and fostering sustainable rural development. Although the European Green Deal and the Circular Economy Action Plan provide strong policy incentives, the journey remains hindered by fragmented governance, insufficient stakeholder engagement, and limited access to financing. In this White Paper, we highlight the most prominent challenges and barriers identified in Deliverable 4.3 of the ROBIN project and propose concise, actionable solutions linked directly to specific ROBIN outputs and online resources. By concentrating on areas that demand urgent attention – such as establishing multi-level governance frameworks, fostering multi-actor engagement, designing effective financing instruments, raising public awareness, implementing data-driven monitoring systems, and ensuring social fairness – this White Paper offers a clear roadmap for regional authorities and other stakeholders.

Importantly, the White Paper builds on the findings of cross-regional exchanges, thematic workshops, and policy validation activities conducted as part of the ROBIN project. This approach ensures that the barriers described here are not only theoretically relevant but also empirically grounded in the experiences of real stakeholders. In particular, the contributions of regional actors – from policymakers to community groups – have shaped the design of each proposed solution, making the recommendations highly applicable to diverse socio-political environments.

The intended audience includes regional policymakers, municipal planners, civil society organizations, business leaders, and educators. By providing clear links between barriers, solutions, and ROBIN tools, the White Paper helps these actors prioritize action areas and mobilize the right instruments. It also supports knowledge transfer and peer learning by offering examples and lessons that can be replicated or adapted elsewhere. As such, this document complements the more detailed Replication Guide (in D4.3) by acting as a compact decision-making compass for strategic planning and immediate uptake.

Based on the Replication Guide, Toolkit and Policy Recommendations in D4.3, the methodology behind this White Paper entailed a systematic review of D4.3 for policy barriers and recommended measures, an examination of the “Limitations” section to capture persistent obstacles, and a mapping of ROBIN Toolbox modules to identify practical implementation tools. The result is a synthesis of policy analysis, case studies, and gap assessments designed to address systematic causes rather than symptoms.

This document also aims to equip regional stakeholders with a prioritized action agenda, encouraging the adoption of tested frameworks that promote resilience, inclusivity, and environmental stewardship within the emerging circular bioeconomy.

### ***How This White Paper Was Created***

This **White Paper** was developed using a mixed-method approach grounded in Deliverable D4.3 of the ROBIN project. The methodology included:

- **A systematic content analysis of the Replication Guide, Toolkit and Policy Recommendations;**
- **Insights from regional stakeholder feedback during ROBIN validation and support actions;**
- **A mapping of ROBIN Toolbox tools to identified barriers;**
- **Insights from synergy activities with other projects.**

The barriers and solutions presented reflect both empirical insights and expert validation, ensuring relevance across diverse European contexts.

## **2. Vision Statement: Toward a Resilient and Regenerative Bioeconomy**

The European bioeconomy of the future is circular, inclusive, and regenerative. It revitalises rural areas through smart use of regional biomass, supports local value chains, and reduces dependency on fossil resources. It is governed through participatory models that bridge policy levels, sectors, and communities. Innovation is not confined to laboratories or capitals but rooted in regions where bio-based solutions emerge from real needs and circular thinking is embedded across education, business, and public procurement.

By 2030, the aim is for circular bioeconomy strategies to be embedded in mainstream policymaking at regional levels, supported by long-term financing, multi-stakeholder cooperation, and citizen engagement. ROBIN envisions a future where every region has the capacity and tools to develop a resilient, low-carbon bioeconomy that strengthens social cohesion and delivers measurable environmental benefits.

### *Why the Circular Bioeconomy Requires Systems Thinking*

The **six key challenges** outlined in this **White Paper** are **deeply interlinked**. Governance fragmentation makes stakeholder engagement harder and complicates access to financing. A lack of public awareness reduces support for green procurement and innovation, while inadequate monitoring hampers transparency and limits trust. Social fairness is not a stand-alone goal but depends on how governance, funding, and data systems include or exclude vulnerable groups.

Addressing these challenges in isolation is unlikely to yield lasting results. Instead, **the circular bioeconomy demands a systems approach, where coordinated solutions across sectors and policy levels are prioritized**. ROBIN's tools, such as MARCs and the Policy Monitoring System, are designed with this interconnectedness in mind.

## 3. Key Challenges and Proposed Solutions

### Governance Fragmentation and Policy Coherence

**Barrier #1:** A key barrier lies in the absence of integrated, multi-level governance frameworks. Many regional bioeconomy strategies are developed in silos, often without alignment with broader national strategies or overarching EU directives like the European Green Deal or CAP. This leads to policy misalignment, regulatory overlap, and inefficient use of resources. In some regions, unclear mandates and institutional fragmentation further obstruct long-term strategic planning. Without coherent governance linkages, local initiatives risk remaining small-scale and disconnected from systemic impact.

- ♦ **Solution 1.1:** Develop integrated regional bioeconomy action plans that align with the European Green Deal, Circular Economy Action Plan, and Common Agricultural Policy (CAP) (see ROBIN Policy Recommendation 1 in D4.3).
  - **Link:** [Deliverable D4.3](#) (Replication Guide, Toolkit and Policy Recommendations), [Deliverable D1.1](#) (Typology of Governance Models).



- ◆ **Solution 1.2:** Establish inter-regional cooperation bodies or MARCs to foster horizontal and vertical policy coordination (see MARC setup in Replication Guide § 2.4.1).
  - **Link:** ROBIN Toolbox – Typology Matrix (<https://robintoolbox.web.auth.gr/index.php/typology-matrix/>) ;  
ROBIN Knowledge Platform – Governance Models (<https://robintoolbox.web.auth.gr/index.php/governance-models/>).

## Limited Stakeholder Engagement and Capacity Building

**Barrier #2:** Robust stakeholder engagement is essential for inclusive and effective circular bioeconomy transitions. However, in many regions, SMEs, academic institutions, civil society groups, and citizens are not adequately represented in policymaking or implementation processes. The lack of structured engagement platforms leads to low legitimacy of decisions, reduced public trust, and missed opportunities for local innovation. Moreover, even when engagement occurs, there are often capacity gaps – particularly among smaller stakeholders – which limit their ability to contribute meaningfully to co-creation and governance.

- ◆ **Solution 2.1:** Convene MARCs to ensure broad stakeholder representation and support collaborative governance.
  - **Link:** [Deliverable D2.1](#) (Regional Governance Models, esp. Stakeholder Mapping & Engagement Framework in D2.1).
- ◆ **Solution 2.2:** Launch targeted capacity-building initiatives – trainings, workshops, and innovation clusters for SMEs and local entrepreneurs (see Policy Recommendation 6 in D4.3).
  - **Link:** ROBIN Toolbox – Support Actions Portfolio (<https://robintoolbox.web.auth.gr/index.php/support-actions/>).

## Inadequate Financing Mechanisms

**Barrier #3:** A persistent barrier across many regions is the lack of tailored, long-term financing mechanisms to support circular bioeconomy initiatives. Existing funding streams tend to be fragmented, short-term, and administratively burdensome, which discourages SMEs and local actors from launching or scaling up innovative projects. The absence of region-specific investment tools means that promising initiatives often stall at the pilot phase. In addition, public procurement systems rarely integrate circular bioeconomy priorities, which reduces market incentives for sustainable products and services.

- ◆ **Solution 3.1:** Establish regional bioeconomy investment funds (e.g., public-private partnership vehicles) to provide long-term, mission-driven financing (Policy Recommendation 7 in D4.3).
  - **Link:** CCRI-CSO funding overview (<https://circular-cities-and-regions.ec.europa.eu/>).
- ◆ **Solution 3.2:** Leverage green public procurement – embed circular bio-criteria into all major regional tenders to stimulate market demand (Policy Recommendation 9 in D4.3)
  - **Link:** [Deliverable D2.3](#) (ROBIN Toolbox user manual – guidelines on green procurement).

## Low Public Awareness & Educational Gaps

**Barrier #4:** Public awareness remains a foundational but often overlooked barrier to circular bioeconomy development. Surveys and consultations indicate that many citizens – and even some



decision-makers – lack a clear understanding of what the circular bioeconomy entails, why it matters, and how it connects to their everyday lives. This knowledge gap fosters scepticism, delays behavioural change, and limits grassroots support for policy reforms. Education systems and media platforms often fail to communicate the relevance of bio-based innovations, leaving communities unprepared for systemic transitions.

- ◆ **Solution 4.1:** Launch targeted awareness-raising campaigns, including the integration of bioeconomy topics into school/university curricula (Policy Recommendation 5 in D4.3).
  - **Link:** Informative Materials & Useful Tips section in [D4.3](#).
- ◆ **Solution 4.2:** Organise an annual “Bioeconomy Week” event to showcase innovations, foster community engagement, and strengthen public understanding.
  - Success Story no. 13 Bioeconomy Ireland Week case, in Deliverable D4.3 and <https://irishbioeconomy.ucd.ie/biw/>.

## Insufficient Data-Driven Monitoring & Evaluation

**Barrier #5:** Effective policy relies on robust data – yet most regions lack real-time, evidence-based monitoring systems tailored to the bioeconomy. Policymakers struggle to assess the effectiveness of interventions, identify gaps, or measure social and environmental outcomes. Traditional monitoring frameworks are often outdated, non-interoperable, or disconnected from the realities of local governance. Without dynamic tools to support adaptive management, regions risk implementing policies that are neither responsive nor accountable.

- ◆ **Solution 5.1:** Deploy the ROBIN Policy Monitoring System to track governance model performance on ESG and RRI indicators.
  - **Link:** Policy Monitoring System Tool – <https://robintoolbox.web.auth.gr/index.php/policy-monitoring-system/>
- ◆ **Solution 5.2:** Use the ROBIN Environmental Protection Planning Tool for continuous evaluation of non-eco-friendly practices and to design corrective actions.
  - **Link:** Environmental Protection and Planning Tool – <https://robintoolbox.web.auth.gr/index.php/environmental-protection-planning/>

## Social Fairness & Environmental Impact Considerations

**Barrier #6:** The transition to a circular bioeconomy must not exacerbate social inequalities or ecological harm. Yet many regions face challenges in ensuring territorial inclusion and equitable benefit-sharing. Marginalized rural communities, indigenous groups, and low-income populations are at risk of exclusion from emerging value chains. Simultaneously, if environmental externalities such as biodiversity loss or land degradation are not properly assessed, the bioeconomy could replicate unsustainable patterns of the fossil economy. Social and environmental safeguards are thus essential for legitimacy and long-term success.

- ◆ **Solution 6.1:** Implement Just Transition policies that ensure territorial inclusion and equitable access to bioeconomy opportunities (Policy Recommendation 12 in D4.3).
  - **Link:** [Deliverable D2.2](#) (Regional Action Plans) – incorporates social equity measures.
- ◆ **Solution 6.2:** Enhance environmental impact assessments in bio-based sectors by applying tools from the ROBIN Toolbox, such as “Good Governance Practices” and relevant case studies (D4.3 – Success Stories).

- **Link:** Success Stories section in Deliverable [D4.3](#) (e.g. Success Story #17 “Landscape Recovery Program” of Košice Region as model for ecosystem restoration).

## 4. ROBIN in Action: Local Solutions from European Regions

The following case studies demonstrate how each ROBIN region applied specific governance strategies, stakeholder engagement models, or educational initiatives to address local challenges in developing the circular bioeconomy. These examples offer transferable lessons to inspire similar action in other European regions.

### **Andalusia, Spain**

#### **Case: Circular Bioeconomy Forum – Multi-Level Stakeholder Exchange**

Organised by Regional Ministry of Agriculture, Fisheries, Water, and Rural Development of the Andalusian regional government in collaboration with JRC and IFAPA, the Circular Bioeconomy Forum brought together 350+ stakeholders from Europe and Central America. The event tackled governance, strategies, market trends, and innovation cases. Its success was rooted in strategic partnerships, diverse representation, and structured debates.

**Lesson: Well-curated forums backed by institutions can build momentum, share practices, and foster international dialogue.**



### **Baden-Württemberg, Germany**

#### **Case: Bioeconomy Congress Baden-Württemberg**

To foster networking, policy dialogue, and knowledge exchange, Baden-Württemberg's Ministry of Science, Research and the Arts initiated the biennial Bioeconomy Congress. It convenes academia, business, and policymakers through workshops, seminars, and site visits, offering visibility to regional initiatives. The congress has become a key platform for participatory stakeholder engagement and policy shaping.

**Lesson: Regular, high-profile events serve as accelerators for ecosystem building and policy legitimacy.**



### **Central Macedonia, Greece**

#### **Case: Multi-Actor Stakeholder Dialogue for Bioeconomy Visioning**

Central Macedonia initiated local stakeholder workshops with municipal authorities, SMEs, and researchers to co-develop a regional bioeconomy roadmap. By using ROBIN's stakeholder mapping tools, the region created clearer pathways to integrate circular principles into local agri-food strategies.

**Lesson: Targeted stakeholder mapping and facilitated dialogue can activate fragmented ecosystems and create shared strategic direction.**



### **Southern Region, Ireland**

#### **Case: Ireland's Knowledge Centre for Carbon, Climate & Community Action (IKC3) (Using IKC3 initiative – national with strong regional presence)**

Led by Munster Technological University, IKC3 builds circular bioeconomy capacity through accredited courses and industry partnerships. It connects higher education, SMEs, and public bodies, identifying emerging skills gaps and delivering solutions through its Sustainability Professional Network.

**Lesson: Regional innovation depends on aligning skills development with evolving industry and climate demands, supported by cross-sector partnerships.**



### **Žilina Region, Slovakia**

#### **Case: MARC Implementation to Bridge Governance Gaps**

Žilina successfully launched a MARC to connect forestry, agriculture, and innovation stakeholders. Using tools from the ROBIN Toolbox, the region addressed governance fragmentation, built mutual trust, and designed pilot actions for circular wood and biomass use.

**Lesson: Formalising stakeholder constellations improves cross-sector coordination and ensures policy alignment at regional and EU levels.**





## 5. Action Navigator: Implementation Resources & Direct Links

Having outlined the key barriers to circular bioeconomy development and proposed targeted, actionable solutions, this chapter provides direct access to the practical tools, deliverables, and knowledge resources developed within the ROBIN project. Each sub-section below corresponds directly to the challenges identified in Chapter 2, allowing users to quickly locate the instruments most relevant to their regional context. These resources are designed to support hands-on implementation, ranging from governance frameworks and stakeholder engagement methods to funding strategies and monitoring tools. By embedding ROBIN outputs into regional planning and decision-making processes, stakeholders can accelerate progress toward inclusive, data-informed, and ecologically sound bioeconomy transitions.

### Governance Frameworks & MARCs

- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Policy Recommendations on “Policy & Governance Models Frameworks”)
- Deliverable D1.1 “Typology of Circular Bioeconomy Governance Models” (for mapping existing models)
- ROBIN Knowledge Platform – Governance Models (<https://robintoolbox.web.auth.gr/index.php/governance-models/>)
- Deliverable D2.1 “Regional Governance Models” (for Stakeholder Mapping & Engagement Framework)

### Stakeholder Engagement & Capacity Building

- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Policy Recommendations on “Stakeholder Engagement & Capacity Building”)
- Deliverable D2.1 “Regional Governance Models” (for MARC setup)
- Deliverable D2.2 “Regional Action Plans” (for templates for capacity-building roadmaps)
- ROBIN Support Actions Portfolio (<https://robintoolbox.web.auth.gr/index.php/support-actions/>)

### Financing Mechanisms

- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Policy Recommendations on “Financing & Investment”)
- CCRI-CSO Funding Portal (<https://circular-cities-and-regions.ec.europa.eu/>)
- ShapingBIO Project Analysis on Bioeconomy Financing: [shapingbio\\_d2\\_4\\_financing\\_await-approval.pdf](#)

### Awareness & Education

- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Policy Recommendations on “Awareness Raising”)
- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Success Stories and Lessons Learnt).
- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Informative Materials & Useful Tips section).

### Data-Driven Monitoring & Environmental Planning

- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for ROBIN Toolbox section – Policy Monitoring System; Environmental Protection Planning Tool).
- Access Policy Monitoring System Tool: <https://robintoolbox.web.auth.gr/index.php/policy-monitoring-system/>
- Access Environmental Protection Planning Tool: <https://robintoolbox.web.auth.gr/index.php/environmental-protection-planning/>

### Social Fairness & Impact Assessment

- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Policy Recommendations on “Social Fairness & Environmental Impact”)
- Deliverable D4.3 “Replication Guide, Toolkit and Policy Recommendations” (for Success Stories and Lessons Learnt).

## 6. Conclusion & Next Steps

Addressing the interconnected challenges of governance fragmentation, stakeholder inclusion, financing gaps, public awareness, data-driven monitoring, and social fairness is essential to advancing a circular bioeconomy across European regions. Without coherent multi-level governance frameworks, tailored regional strategies risk misalignment with national and EU policies. Similarly, the absence of structured platforms for multi-actor engagement excludes key voices – such as SMEs, academia, and civil society – from co-creating solutions. Limited financing options stifle innovation and scale-up efforts, while low public awareness undermines community buy-in. Inadequate data monitoring hinders evidence-based policy adjustment, and without explicit attention to social fairness, vulnerable groups risk being left behind.

The solutions proposed in this White Paper – ranging from the creation of MARCs to the development of dedicated investment funds, targeted awareness campaigns, and deployment of the ROBIN Policy Monitoring System and Environmental Protection Planning tools – constitute a coherent and actionable toolkit. By integrating Just Transition policies and strengthening environmental impact assessments, regions can ensure equity and safeguard ecological integrity.

Regional stakeholders are encouraged to take immediate action. First, establish or reinforce MARCs to co-create governance frameworks that align local plans with EU objectives. Second, secure seed financing by reallocating a portion of regional development budgets or forming public-private investment vehicles dedicated to bioeconomy initiatives. Third, launch awareness campaigns in schools, universities, and municipalities to build societal understanding and support for bioeconomy.

Fourth, deploy the tools of ROBIN Toolbox to gather real-time data for continuous policy refinement. By taking these steps, regions can lay a strong foundation for sustainable growth, innovation, and inclusive development.

To enable ongoing improvement, peer-review workshops and mutual learning events should be convened regularly. These platforms can facilitate the exchange of success stories, challenges, and good practices – fostering shared problem-solving and comparative learning. Although the ROBIN framework provides robust methodologies, each region must adapt these approaches to its unique socioeconomic, environmental, and institutional context. Customizing governance models, stakeholder engagement strategies, financing mechanisms, and monitoring systems will ensure lasting effectiveness and resilience. By committing to collaboration, mutual learning, and local adaptation, European regions can lead the way toward a circular bioeconomy that delivers long-term benefits for people and the planet.

The ROBIN White Paper is not a static document but a starting point for iterative learning and adaptive policy design. As regional realities evolve, so too must the frameworks and tools supporting circular bioeconomy transitions. Therefore, continuous stakeholder dialogue, real-time data collection, and feedback mechanisms are crucial for maintaining momentum. The integration of the ROBIN tools into regional innovation ecosystems should be accompanied by long-term institutional support, fostering ownership and local adaptation. With the right blend of ambition, inclusivity, and evidence, European regions can transform today's barriers into opportunities for systemic sustainability.

## References & Direct Links

This final section consolidates all ROBIN project outputs, tools, and supporting resources mentioned throughout the White Paper into a single, accessible list. It is intended to facilitate immediate navigation for stakeholders seeking further detail, replication materials, or hands-on guidance. Whether used for strategic planning, capacity building, policy design, or project implementation, these references form the practical backbone of the ROBIN approach. By drawing on these interconnected sources, regional actors can adapt proven methodologies to their unique contexts and drive forward an inclusive and resilient circular bioeconomy.

- ◆ **[Deliverable D1.1](#)** – Typology of Circular Bioeconomy Governance Models.
- ◆ **[Deliverable D1.2](#)** – Good Governance Practices.
- ◆ **[Deliverable D2.1](#)** – Regional Governance Models.
- ◆ **[Deliverable D2.2](#)** – Regional Action Plans.
- ◆ **[Deliverable D2.3](#)** – ROBIN Toolbox (User Manual and Tool descriptions).
- ◆ **[Deliverable D4.1](#)** – Outcomes, Impacts, and Perceptions Change.
- ◆ **[Deliverable D4.3](#)** – Replication Guide, Toolkit and Policy Recommendations”
- ◆ **CRRI-CSO Funding & Support:** <https://circular-cities-and-regions.ec.europa.eu/>
- ◆ **ROBIN Toolbox (online):** <https://robintoolbox.web.auth.gr/>





## About the project

Europe's regional authorities have a crucial role to play as agents of inclusive and resilient economic development for their territories. ROBIN sets out to empower them to fulfil this role with support to co-shape their governance structures in to accelerate the deployment of their circular bioeconomy targets, while also promoting social innovation. We demonstrate the potential of innovative circular bioeconomy governance structures and models in 5 regions within Ireland, Germany, Spain, Slovakia and Greece. We set-up Multi-Actor Regional Constellations engaging key stakeholders to co-create novel governance structures, well-embedded within existing structures of our regions and mandated to execute circular bioeconomy strategies and to coordinate effectively with the Circular Cities and Regions Initiative – Coordination and Support Office (CCRI-CSO). We also provide them with tailored support for enhanced stakeholder engagement, as

Partners	URL
Q-PLAN INTERNATIONAL ADVISORS PC	<a href="http://www.qplan-intl.gr">www.qplan-intl.gr</a>
FUNDACION CORPORACION TECHNOLOGICA SE ANDALUCIA	<a href="http://www.corporaciontecnologica.com">www.corporaciontecnologica.com</a>
WHITE RESEARCH SRL	<a href="http://www.white-research.eu">www.white-research.eu</a>
PEDAL CONSULTING SRO	<a href="http://www.pedal-consulting.eu">www.pedal-consulting.eu</a>
STEINBEIS 2I GMBH	<a href="http://www.steinbeis-europa.de">www.steinbeis-europa.de</a>
ROZVOJOVA AGENTURA ZILINSKEHO SAMOSPRAVNEHO KRAJA NO	<a href="http://www.razsk.sk">www.razsk.sk</a>
MUNSTER TECHNOLOGICAL UNIVERSITY	<a href="http://www.circbio.ie">www.circbio.ie</a>
ARISTOTELEIO PANEPISTIMIO THESSALONIKIS	<a href="http://www.auth.gr">www.auth.gr</a>
REGION OF CENTRAL MACEDONIA	<a href="http://www.pkm.gov.gr">www.pkm.gov.gr</a>
CONSEJERÍA DE AGRICULTURA, PESCA, AGUA Y DESARROLLO RURAL	<a href="http://www.juntadeandalucia.es">www.juntadeandalucia.es</a>
INSTITUTO ANDALUZ DE INVESTIGACION Y FORMACION AGRARIA PESQUERA ALIMENTARIA Y DE LA PRODUCCION ECOLOGICA	<a href="http://www.juntadeandalucia.es">www.juntadeandalucia.es</a>
BIOPRO BADEN-WUERTEMBERG GMBH	<a href="http://www.bio-pro.de">www.bio-pro.de</a>
SOUTHERN REGIONAL ASSEMBLY	<a href="http://www.southernassembly.ie">www.southernassembly.ie</a>

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