

# Digital Twin Demo Platform – Your Step Toward a Circular Future in the Electronics Industry

## WHY JOIN THE CIRC-2-ZERO PROJECT?

Does your company want to produce faster, cheaper, and more sustainably – without the risk that process changes will halt your production line?

The **CIRC-2-ZERO** project makes this possible thanks to **Digital Twin** technology – digital replicas of processes and products that allow you to test and optimize production in a virtual environment before implementing changes in the real world.

### Participation in the project means for your company:

- Access to a modern Digital Twin Demo Platform,
- Free expert support in implementing circular solutions,
- Process analysis and simulations that help reduce costs and resource consumption,
- Participation in a network of companies from the Baltic Sea Region,

The project is publicly funded (Interreg Baltic Sea Region), which means participation is completely free of charge.

### What can you gain with Digital Twin?

A Digital Twin is a virtual copy of a product, process, or entire value chain.

With it, your company can:

- Test new solutions without downtime,
- Analyze efficiency and the impact of changes in a safe environment,
- Make data-driven decisions.

### The results?

- Shorter implementation time,
- Lower risk of errors,
- Greater control over processes and costs.



## KEY PROJECT INFORMATION

**Project duration:** 01.03.2025 – 29.02.2028

**Objective in Poland & Latvia:** Free support electronics companies to test production processes using the Digital Twin Demo Platform

**Target group:** Small and medium-sized industrial enterprises from the electronics sector

**Participation cost:** Free of charge – publicly funded project

**Partners:** Organizations from the Baltic Sea Region

**Funding:** Interreg Baltic Sea Region

HOW THE COLLABORATION WILL LOOK – STEP BY STEP

# Digital Twin Demo Platform

1

## COMPANY RECRUITMENT (OPEN CALL)

**Start:** 01.12.2025 – 30.04.2026

We are launching a call for **companies from the electronics sector** to take part in a free pilot of the Digital Twin Demo Platform.

2

## INTRODUCTION AND TRAINING

Companies selected for the project will participate in a tailored program of webinars and workshops preparing them to work with digital twins and implement circular economy principles.

3

## TESTING AND ANALYSIS (2026 – FIRST HALF OF 2027)

At this stage, your company will:

- Work on the **Digital Twin Demo Platform**,
- Analyze its **production processes**,
- Test **circular solutions** in a digital environment,
- Receive a **summary and implementation recommendations**.

The active engagement phase is limited to specific periods; during those, participation may require several dozen hours per month, depending on the company's role and selected module.

## Two main focus areas of the platform

### #1 Circular product design

Designing products that are:

- More durable,
- Easier to repair,
- More recyclable and reusable.

### #2 Value chain optimization

Analyzing and simulating processes to:

- Reduce raw material consumption,
- Improve logistics and transport efficiency,
- Lower operational costs.

## Benefits for your company

### Material savings:

- Optimized raw material usage,
- Less production waste,
- Greater share of recycled materials.

### Faster production development:

- Virtual prototyping reducing the number of iterations,
- Better planning for reuse and recycling.

### Higher efficiency:

- Optimized value chain,
- Reduced transportation and logistics costs.

### Environmental effects:

- Lower energy and material consumption,
- Reduced CO<sub>2</sub> emissions.

### New business models:

- Services based on added value,
- Expansion toward circular business models.

## Full support from start to finish

### Companies participating in the project will receive:

- Access to digital tools and resources,
- Technical and expert support,
- Mentoring and participation in webinars and workshops tailored to their needs.



APPLY NOW!

Don't miss the opportunity to join the group of 14 companies from Latvia and Poland that will test the technology of the future for free and take the path toward circular, Intelligent production.

Send your application or inquiry – we will inform you when recruitment begins and provide full project details.

[REGISTRATION FORMS CAN BE FOUND HERE](#)

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CIRCULAR ECONOMY

**CIRC-2-ZERO**