

## Looking for partners for HORIZON-CL6-2025-01-CIRCBIO-01 call.

### Summary

Profile type	Company's country	POD reference
<b>Research &amp; Development Request</b>	<b>Türkiye</b>	<b>RDRTR20250604018</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Research and development cooperation agreement</b>	<b>• World</b>
Contact Person	Term of validity	Last update
<a href="#"><b>Enrico FRANZIN</b></a>	<b>13 Jun 2025</b> <b>13 Jun 2026</b>	<b>13 Jun 2025</b>

### General Information

#### Short summary

A Turkish university that has experience in EU projects is looking for partners and coordinator for HORIZON-CL6-2025-01-CIRCBIO-01 call. The university offers its capabilities for textile engineering.

#### Full description

The Turkish university is one of the oldest universities in Turkey and it has been participating to the EU projects since FP7. The university has 19 faculties and employs around 3000 researchers.

The university is developing a project idea for HORIZON-CL6-2025-01-CIRCBIO-01 call and it is currently looking for partners as beneficiaries or coordinator. Here is the project details;

#### Objective:

To explore the reuse potential of tobacco agricultural residues (stalks, roots, and dust) by converting them into bio-based, biodegradable composite materials for low-impact applications such as insulation panels, packaging supports, or nonwoven structures.

#### Why Tobacco Waste?

Tobacco is a widely cultivated crop in Türkiye, but its by-products are rarely valorised. Tobacco stalks and roots are

lignocellulosic in nature and contain fiber-like structures that may be suitable as reinforcement materials when properly treated and blended with biodegradable matrices (e.g., PLA, PHA, PBAT). Their aim is to upcycle these residues into sustainable material streams.

Their Role as a Partner:

The university can contribute through:

Agronomic evaluation and residue mapping (Faculty of Agriculture)

Fiber extraction, characterization, and composite prototyping (Textile Engineering)

Mechanical and thermal testing of composites

Possible training/VET modules on sustainable material usage

The partnering opportunity is open for any kind of organisation, as the call's objectives falls into many

#### Advantages and innovations

The university has been a partner and coordinator for many EU projects for more than a decade. It has a good reputation in the higher education institutions network. It takes place in top 10 Turkish universities in many different rankings. The faculty behind this profile has more than 50 years of history and graduated renowned business people and researchers.

The university offers a wide range of services as explained in description.

#### Technical specification or expertise sought

The university is willing to join a multidisciplinary consortium working on bio-based innovation. Ideally, they seek partners with expertise in:

Biopolymer processing or matrix development

Industrial-scale prototyping

LCA and end-of-life analysis

Dissemination, policy, or market validation

#### Stage of development

**Concept stage**

#### Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 13: Climate Action**

#### IPR Status

IPR Notes

## Partner Sought

Expected role of the partner

The sought partners are expected to coordinate the project.

Type of partnership

**Research and development cooperation agreement**

Type and size of the partner

- **R&D Institution**
- **SME 11-49**
- **University**
- **SME 50 - 249**

## Call Details

Framework program

**Horizon Europe**

Call title and identifier

**HORIZON-CL6-2025-01-CIRCBIO-01**

Submission and evaluation scheme

Anticipated project budget

Coordinator required

**Yes**

Deadline for EoI

Deadline of the call

28 Jun 2025

17 Sep 2025

Project duration in weeks

Web link to the call

Project title and acronym

## Dissemination

Technology keywords

Market keywords

- **08004002 - Chemical and solid material recycling**
- **09005 - Agriculture, Forestry, Fishing, Animal Husbandry & Related Products**

Targeted countries

Sector groups involved

- **World**