

# Indicator metadata: Circular economy technology Providers (employment)

The indicator measures the total employment in Technology Providers sectors. Technology Providers provide technologies and key services that enable cyclical resource flows and more efficient use. They also provide intermediate products representing the technological cycle that, in many ways, enable the implementation of Circular Economy processes through innovative technologies and resource-saving services throughout the value chain. Technology Providers' contribution to value generation is to recover and restore materials, components and products through the provision of technologies and services that aid the reuse, repair, recycling and re-manufacture of durables and turn wastes into resources and use energy more efficiency. Technology Providers include the production of consumables from Eco-friendly materials, such as natural fibres, bio-plastics or composite materials, or technologies for the generation of renewable raw materials or energy, as well as installations and machinery for the treatment of material streams.

**Theme(s):** Labour Market - Employment, Education and Skills

## Introduction

**Author:** ESPON project (<https://www.espon.eu/circular-economy>)

**Contact(s):**

- Carlos Tapia (Project leader)
- Tapia Carlos (Tecnalia) (Responsible party)

**Territorial information:**

Spatial Extent	Nomenclature		
	name	version	level
EU28+4+CandidateCountries	NUTS	2013	2

**Years:** 2010,2015

Completeude:	Year	Tunit	Area	GDP	Pop
	2010	81	77		81
	2015	83	80		83

## Download

### File

- Data (JSON, browse webservice) (/api/public/indicator-data/1062/)
- Metadata INSPIRE (XML) (/indicator/1062/metadata-inspire.xml)
- Metadata ESPON (printable) (/indicator/1062/metadata-espon/)
- Indicator package (CSV+XLS) (ZIP 47.1 KB) (/private-media/object/1062/ind\_1062\_cetp\_emp\_csv.zip)
- Indicator package (SHAPE) (ZIP 1.1 MB) (/private-media/object/1062/ind\_1062\_cetp\_emp\_shp.zip)
- Project package (all data of the related project) (/private-media/object/1151/project\_circter-circular-economy-and-territorial-consequences.zip)

### Right

- Constraints - Access classification: unclassified (default)
- Constraints - Use constraint: copyright (default)

## Methodology

No description!

## Other attributes

<b>Id:</b>	1062
<b>Status:</b>	Key indicator
<b>Name:</b>	Circular economy technology Providers (employment)
<b>Code:</b>	CETP_EMP
<b>Is standard?:</b>	True
<b>Is base indicator?:</b>	False
<b>Type:</b>	Single
<b>Data type:</b>	Integer
<b>Unit of measure -</b>	Number of persons employed
<b>Numerator / Denominator</b>	
<b>Name:</b>	
<b>Unit of measure -</b>	1
<b>Numerator / Denominator</b>	
<b>Scale:</b>	
<b>Is a ranking?:</b>	False
<b>Main Theme:</b>	Labour Market - Employment, Education and Skills
<b>Nature type:</b>	Stock
<b>Labels:</b>	None