

## “PDT CIRCULAR ECONOMY IN THE METALMECHANIC AND METALLURGICAL SECTOR”

### PROJECT SUMMARY:

The project contributed to the improvement of competitiveness and productivity of a group of Chilean SMEs in the metalmechanic and metallurgical sector, through the dissemination and transfer, mainly from the EU, and from Chile, of technologies, innovations and mechanisms that should be applied in their companies to renew themselves technologically and move towards an industry 4.0, introducing in their production and/or management processes, the Circular Economy (CE) model.

The project activities aimed to support companies that had the intention of updating their technologies, in their renewal process and in which they could in turn incorporate the Circular Economy in their processes and designs taking advantage of this update.



### ACHIEVEMENTS:

- Improvement of knowledge and access to new 4.0 technologies that integrate CE and that improves competitiveness and productivity.
- Empowered and motivated companies to make adjustments and update their production and management processes that improve the development of their business. Renewal and/or adaptation plan, for each of the 11 beneficiary companies, of their production and/or management processes to incorporate the CE and comply with the Extended Producer Responsibility Law.
- Incorporation of good practices and mechanisms for the development and/or absorption of technologies, innovations, techniques, good practices for a circular economy.

### OBJETIVES:

Contribute to the improvement of competitiveness and productivity of a group of Chilean SMEs in the metalmechanic and metallurgical sector, through dissemination and transfer, mainly from the EU, and from Chile, of technologies, innovations and mechanisms that should be applied in their companies to technological renewal and advance towards an industry 4.0, incorporating in turn in its production and/or management processes, the Circular Economy (CE) model and the Extended Producer Responsibility Law (EPR).

#### **MAIN MILESTONES OF THE PROJECT:**

1. Pilot project, pioneer in bringing the concept of Circular Economy (CE) closer to smaller companies in a practical and concrete way, showing its benefits, advantages and supporting them in the exercise of how to implement it in their businesses.
2. Beneficiary companies manage to integrate the concept of CE when rethinking their businesses and/or generating new businesses.
3. First group of companies in the sector supported and motivated to implement Circular Economy and the Extended Producer Responsibility Law.
4. Support in the formulation and application of co-financing projects for 2 beneficiary companies, one awarded.

#### **STRATEGIC PARTNERS:**

- Municipalidad de Nacimiento, Región del Biobío, Subcomisión Metalmecánica Mesa Empresarial.
- Programa Estratégico de Manufactura Avanzada – Transforma Manufactura Avanzada de Corfo.

#### **BENEFICIARIES:**

11 companies benefited