



**17** PARTNERSHIPS  
FOR THE GOALS



## GOAL 17

### STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT



#### TARGET

- Strengthen collaboration between countries and with international organizations for sustainable development.
- Increase global support for developing countries.
- Improve global macro-economic stability.



#### ACTIONS

- Share knowledge, skills, technologies and financial resources in order to achieve the sustainable development goals in every country.
- Encourage and promote effective partnerships between public subjects, public-private subjects and civil society.
- Monitor progress toward sustainable development with systems that are complementary to measuring the GDP.
- Facilitate access to the market for developing countries through exportation incentives.



#### THINGS WE CAN ALL DO

- Spread the culture of sustainability, creating virtuous contamination.
- Promote the spirit of collaboration, participating in projects and developing ideas in work groups.
- Support the activities of international organizations and follow their relevance.



#### For more information:

[www.sustainabledevelopment.un.org](http://www.sustainabledevelopment.un.org)

[www.globalcompactnetwork.org](http://www.globalcompactnetwork.org)

[www.sdgcompass.org](http://www.sdgcompass.org)

[www.globalgoals.org](http://www.globalgoals.org)

[www.youneedtoknow.ch](http://www.youneedtoknow.ch)

[www.obiettivo2030.it](http://www.obiettivo2030.it)





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# BREMBO'S COMMITMENT

COLLABORATIONS TO IMPROVE THE ENVIRONMENTAL IMPACT OF PROCESSES AND PRODUCTS

Among its primary objectives, the innovation of Brembo products includes the reduction of environmental impact, linked to the production of the raw materials employed, the generation of fine dust, and greenhouse gas emissions produced by vehicles when braking. This is the context surrounding the “LIFE-CRAL” project, launched by the European Union in July 2016 and coordinated by Brembo, in collaboration with technical partner Cannon Ergos.



## TARGET

- Develop an innovative production line that allows for the manufacture of high quality and lighter weight aluminum and magnesium components from recycled or highly impure materials.



## ACTIONS

- Preliminary tests on a laboratory casting machine.
- Careful selection of materials and design of a pilot production line.
- Final installation and validation of the pilot production line.
- Manufacture of a wholly recycled aluminum caliper and of a prototype magnesium brake lever.
- Successful road endurance test (2000 km / 1,200 mi.).
- Environmental impact assessment of the CRAL process in order to meet EC policies.



## RESULTS

- The use of aluminum deriving from the recycling process makes it possible to:
  1. avoid the consumption of energy and resources related to the extraction, refining and production of primary aluminum;
  2. reduce CO<sub>2</sub> emissions by 94%.
- The innovative production line guarantees the elimination of greenhouse gas emissions linked to the magnesium melting process.

For more information:  
[www.cralproject.eu](http://www.cralproject.eu)