

Sustainability
manifesto


Host Milano 2021



2020-2021


Cimbali Group *sustainability path*

2020: STRATEGIC STUDY




The lever of **sustainability as a competitive advantage**: Cimbali Group in the coffee supply chain.

2020: IDENTIFICATION OF ACCREDITATION OPTIONS



Strategic analysis and **internal mapping** of activities connected with *Sustainable Development Goals*.

2021: DRAFTING OF A SUSTAINABILITY REPORT



Drafting of document outlining the activities carried out until now to achieve the *Sustainable Development Goals*.

The Cimbali Group approach to *sustainability*

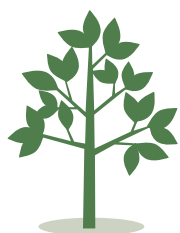
For many years the **coffee supply chain** has been faced with an environmental situation that has radically changed, impacting on the industry's biggest operators at various different levels.

The threat to coffee production deriving from **climate change** and **deforestation** connected with the expansion of coffee production areas are relevant issues both for coffee producers and consumers, and consequently also for manufacturers of coffee machines.

For this reason, on the development of its sustainability policies the **Cimbali Group, market leader in the last link of the supply chain**, has decided not to limit itself to its own production processes but to take a broader view in order to **promote global sustainability issues via its products**, which are used every day by millions of consumers across the world.



From plantations to the bar: *strategic player* in the supply chain



2001 > 2018

-36 mln

of hectares
of primary forest

Between 2001 and 2018, over 36 million hectares of primary forests were lost in the ten biggest coffee producing countries.



2050

60%

of the land that
will be suitable
to cultivation
of coffee today
are covered
by forests

The effects of climate change will halve the amount of land currently dedicated to coffee production. 60% of the land that will be suitable to produce coffee in 2050 is currently occupied by forests. Coffee demand will treble by 2050.

The loss of biodiversity also represents a problem for the coffee industry: over half of the varieties of wild coffee that currently exist naturally are at risk of extinction.

As we have seen, deforestation, loss of biodiversity, climate change, use of pesticides and the withdrawal of water resources are all factors that impact on local communities, whose very survival depends on the resources of the land.



2,5 mld

of cups of coffee
every day,
in the world

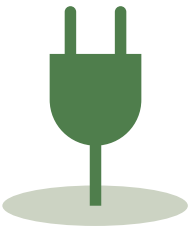
Every day around 2.5 billion cups of coffee are drunk across the world: around 6 million tonnes of coffee grounds are disposed of in landfills and not as biodegradable waste.



packaging

capsules, envelopes
in coupled material
and packs

Talking of waste, packaging also plays an important role: capsules, packets in laminated materials and packs for bars, as well as disposable cups for takeaways.



**26.000
kWh**

of electricity
per year in Italy

In Italy, every year businesses like bars, restaurants and cafes consume an average of 26,000 kWh of electricity, almost ten times as much as the average family “absorbs”. The efficiency of installed equipment can make a difference to both electricity consumption and energy bills.

The Cimbali Group aims to promote initiatives to achieve important sustainability goals for the coffee industry, associating these values with its products.



Towards the first *sustainability* report



People, Products, Planet, Partnerships are the 4 main action areas that the Cimballi Group plans to address with its new sustainability strategy. Partnerships is a transversal action area, underlining the Group's desire to interact with the stakeholders of the supply chain in order to meet its goals.

The Group's commitment from an environmental perspective is mainly focused on **improving the efficiency of production processes, improving the life cycle of the product, saving energy** and **reducing waste production**, in addition to the major global environmental issues.

Through its **first sustainability report**, the Cimballi Group aims to define its improvement goals and promote the major global sustainability issues among end consumers, in line with the **United Nations Sustainable Development Goals**.



Mapping of Group activities in accordance with the *sdgs*

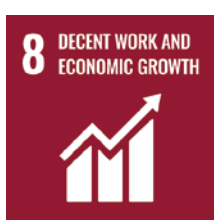
TOTAL IMPACTED < GOALS



> TOOL GOAL

Gruppo Cimbali first sustainability report: *highlights*

PEOPLE



Security, training and development **workers**.

PRODUCT



Optimization of all **products** in terms of sustainability, quality, safety, and excellence.

PLANET



Initiatives aimed at promoting adaptation and mitigation effects of **change climatic**.

PARTNERSHIP



Definition of **alliances** and **collaborations** between different people actors in order to share common goals.

PEOPLE



WORKPLACE HEALTH AND SAFETY

- 25 HR department Development plans in the last 3 years.
- 2018 skin cancer prevention campaign involving 233 workers.
- 2019 breast cancer prevention campaign involving 51 women.
- 50% reduction in the weight of materials moved by hand and improvements to workstations.



PROMOTION OF CULTURE AND INVOLVEMENT OF LOCAL COMMUNITY

- Sponsorship MuseoCity 2020: support for Milanese museums during the first lockdown.
- Federculture Cultura + Impresa 2021 Award.
- Member Company IEI (Istituto Nazionale Espresso Italiano s.r.l. Benefit).
- Mumac Library: historic coffee library with 1300 books available to the public.
- Academy: development of trainers and participation in Coffee Sustainability Program SCA.



SOCIAL PROJECTS

- Organisation of charity auction in aid of the life changing bicycle programmes promoted by World Bicycle Relief to support issues like Education, Healthcare, Economic Development and Gender Equality (on occasion of the 60th anniversary of Faema E61).



PRODUCT



GREEN PACKAGING

- Recyclable and reusable machine packaging consisting of wooden pallets, cardboard boxes and air pillows in high density polyurethane foam.
- Recyclable merchandise packaging (FSC certified paper).
- Suppliers are chosen with the utmost attention to environmental impacts. Through its environmental report, the supplier of all paper packaging guarantees savings of 80% in CO₂ emissions compared to traditional materials and 70% in paper consumption compared with classic corrugated cardboard boxes.



ENERGY SAVING TECHNOLOGIES

- Independent boilers (-38% activation, -25% Ready to use)*, energy saving (-15% Ready to use), on/off timer (-25% Ready to use), boiler insulation (-20% Ready to Use) **.



LIFE CYCLE ASSESSMENT

- Activities to assess the environmental impact of the life cycle of a coffee machine (Marche Polytechnic University) to analyse the impact of the product in all phases of the life cycle.
(Materials/Manufacturing/Resources + Transport + Use + End of Life)

**compared with machines of the same model with traditional heating system
**values according to standards and internal estimates*

PLANET



SITE AND PLANT PROCESSES

- Green Together energy efficiency programme: 12% of energy consumed is self-produced using renewable energy*; 6% reduction in energy consumption in 2 years**.
- Sustainable management of events: use of compostable cups; recyclable disposable stirrers; reduction of paper brochures; sorting of waste.



PROJECTS TO RAISE AWARENESS OF GLOBAL ENVIRONMENTAL ISSUES

- Circular Capri: definition of a model for the promotion of the circular economy on the island with specific reference to the tourism sector (initiative presented as part of the framework of the Pre Cop 26-All 4 Climate Italy).



SUSTAINABILITY IN THE COFFEE SUPPLY CHAIN

- Collaboration with Green Management Institute for the positioning of the Cimbali Group in the sustainable coffee supply chain.
- Social Academy live shows: live from the plantations, Westing Coffee, Traceability and transparency in the coffee supply chain, Coffee and permaculture, sustainable cultivation methods.
- Introduction of “Coffee supply chain sustainability” content in the courses provided by the Academy.



*2019 Gruppo Cimbali Binasco
**2017vs2019 Gruppo Cimbali Binasco



GRUPPO CIMBALI

SUSTAINABILITY



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