



What are?  
**SUSTAINABLE DEVELOPMENT GOALS | SDGS**

how BioEsperia manages to contribute to global development, promote human well-being and protect the environment.

## Sustainable Development Goals | SDGs



**In September 2015, more than 150 international leaders met at the United Nations to contribute to global development, promote human well-being and protect the environment.**

**The community of states has approved the 2030 Agenda for Sustainable Development, whose essential elements are the 17 Sustainable Development Goals (OSS/SDGs) and the 169 sub-goals, which aim to end poverty, to fight against inequality and to social and economic development. They also take up aspects of fundamental importance for sustainable development such as tackling climate change and building peaceful societies by the year 2030.**



**The SDGs have universal validity, meaning that all countries must contribute to achieving the goals based on their own capabilities.**

**Obtaining improvements to achieve the objectives within fifteen years will not be an easy undertaking. But previous experience, based on pre-established global objectives, has shown us that it is a method that works. The Millennium Development Goals, which were adopted in 2000, have improved the lives of millions of people.**



***The company, in line with its mission of starting from nature to return to nature, wants to offer a company model and products in line with the 2030 agenda for sustainable development. Thanks to investments in research and experimentation and to the company's technology, we can contribute operationally and with our know-how for a more sustainable world, reaching our goals ahead of 2030. We use abundant waste in nature to transform it into products, we take the input matrix far from anthropized areas, we use energy produced by photovoltaic panels or biomass plants, we invest in research and training in order to increase the skills and abilities of our collaborators.***



Bio-Esperia is committed to respecting the community and nature through biological applications and by recovering energy for a total of 1,500,000 kWe from secondary cuts derived from non-humanised forests.

- ✓ **Widen access to affordable, reliable and modern energy services thanks to innovative technologies.**
- ✓ **Increase the share of renewable energy in the global energy mix.**
- ✓ **Double the global rate of improvement in energy efficiency.**
- ✓ **Enhance international cooperation to facilitate access to energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil fuel technology, and promote investment in energy infrastructure and clean energy technologies.**



# 2 ZERO HUNGER



Goal 2 "Zero Hunger" focuses on economic aspects, such as doubling agricultural production and the income of small-scale farmers.

Bio-Esperia contributes to:

- Increase sustainable production and productivity, starting from zero-impact substances.
- Double the agricultural productivity and income of small-scale food producers through secure and equal access to land and other productive resources, knowledge, financial services, markets and value-added opportunities.
- Guarantee sustainable food production systems and implement agricultural practices that increase productivity and production, which help to maintain ecosystems, in order to strengthen the ability to adapt to climate change, extreme weather conditions, drought and progressively improve the territory and quality of the soil.

# 5 GENDER EQUALITY



Point 5 “Gender Equality” aims to support equal opportunities between men and women in economic life and equal participation at all levels.

Bio-Esperia contributes to:

- Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life.
- Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels..

# 7

## AFFORDABLE AND CLEAN ENERGY



Goal 7 “Clean and Affordable Energy” is important for ensuring the effective use of energy, reducing environmental costs and increasing energy efficiency.

Bio-Esperia contributes to:

- Expanding access to affordable, reliable and modern energy services through innovative technologies.
- Increase the share of renewable energies in the global energy mix.
- Doubling the global rate of improvement in energy efficiency.
- Enhance international cooperation to facilitate access to energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil fuel technology, and promote investment in energy infrastructure and clean energy technologies.

# 8

## DECENT WORK AND ECONOMIC GROWTH



Goal 8 "Decent Work and Economic Growth" focuses again on fundamental concepts, such as increasing economic growth and economic productivity, but with a view to creating decent jobs for all.

Bio-Esperia contributes to:

- Technological development, as, through the use of modern machinery, it guarantees an increase in productivity, reducing heavy labor.
- Achieve full and productive employment and decent work for all women and men, especially young people.
- Substantially reduce the proportion of unemployed young people, including through education or training.





Goal 9 "Industry Innovation and Infrastructure", as the name implies, enhances the theme of innovation, increasing the management of resources, in such a way as to apply clean and environmentally friendly technologies.

Bio-Esperia contributes to:

- Support internal technology development, research and innovation, including by ensuring a conducive policy environment and, inter alia, industrial diversification and added value to raw materials.

12 RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



Goal 12 "Responsible Consumption and Production" has as its main point the management of waste, with particular attention to its recycling and possible reuse

Bio-Esperia contributes to:

- Ensuring sustainable consumption patterns and sustainable productivity.
- Efficient use of natural resources.
- Encourage companies, especially large companies and multinationals, to adopt sustainable policies and integrate sustainability information into their reporting cycle.



Goal 13 "Climate Action" revolves around the theme of climate change to achieve economic development. Climate change mainly leads to a decrease in biodiversity and an increase in environmental disasters in ecological systems that are important for the development of the environment itself.

Bio-Esperia contributes to:

- Reduce the concentration of CO. If the Bio-Esperia project were exported all over the world and for all the land that can be cultivated, the reduction would be about 366 billion tons of CO<sub>2</sub>
- Strengthen resilience and capacity to adapt to climate-related risks.



Goal 15 "Life on Land" aims to maintain a high level of biodiversity, allowing reforestation, clean air and water.

Bio-Esperia contributes to:

- The restoration of degraded land and soil, including land affected by desertification, drought and floods.
- Reduce the degradation of natural habitats, halting the loss of biodiversity.