

SAVANNAH

SAVANNAH LITHIUM LDA
A SAVANNAH RESOURCES GROUP COMPANY



A SUSTAINABLE AND RESPONSIBLE MINING INDUSTRY

At the Mina do Barroso project, Savannah Lithium
will utilize the best green and smart mining practices
and will be a world leader in the management of:

Water | Materials | Energy | Resources

More information



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The Savannah project will produce spodumene concentrate which when refined is used in the production of batteries which are vital for electric mobility and for green energy storage systems.

IT WILL CONTRIBUTE TO THE REVITALISATION THE BARROSO REGION, THROUGH:

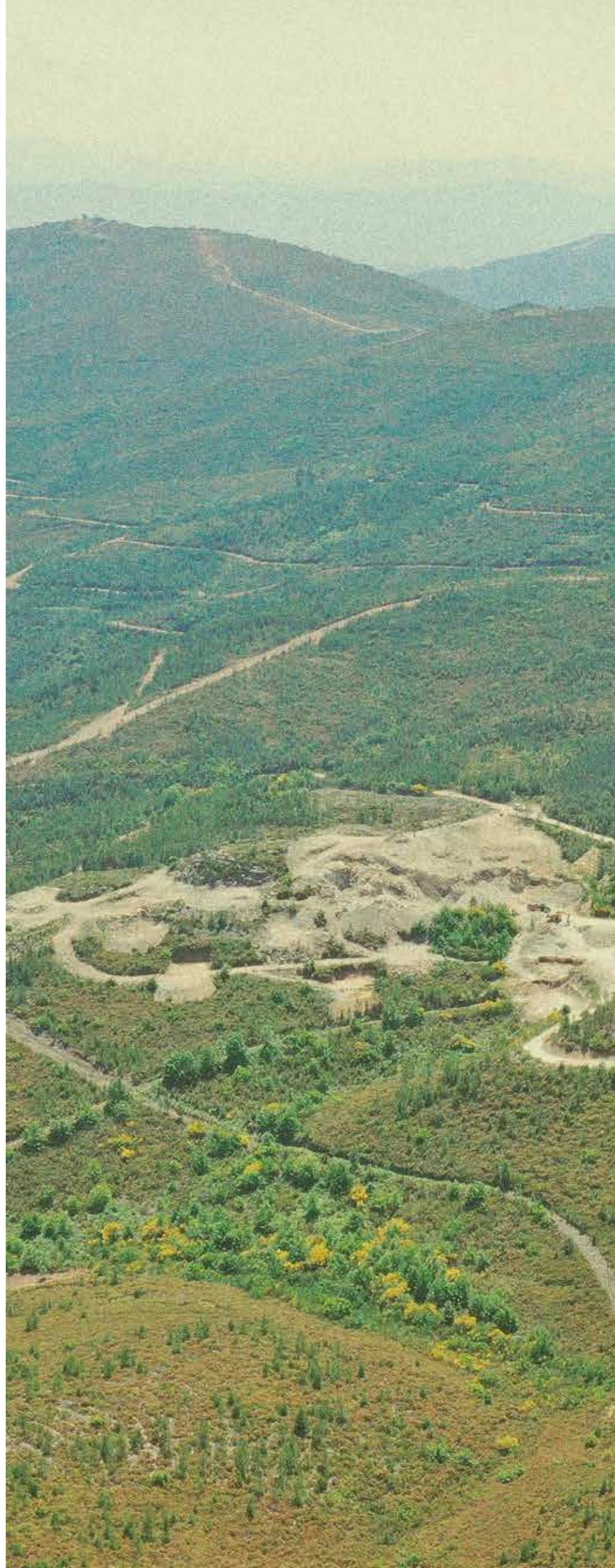
- Creation of approximately 215 direct and 500-600 indirect jobs**
- Payment of significant taxes and royalties, at local and national level**
- Projects to support community development**
- Corporate Social Responsibility Actions**

NATIONAL STRATEGY, EUROPEAN RELEVANCE.

Portugal is recognized as one of the countries with sufficient lithium reserves for commercial and economically viable extraction.

In Europe, it has the largest reserves, which gives it a competitive advantage in the potential creation of a value chain in the lithium industry and electric mobility.

With the extraction of lithium, the country can contribute to the European strategy of creating a lithium battery value chain in Europe. It can also help to provide a major boost to the Portuguese economy by attracting investment for conversion plants and battery factories in the country.



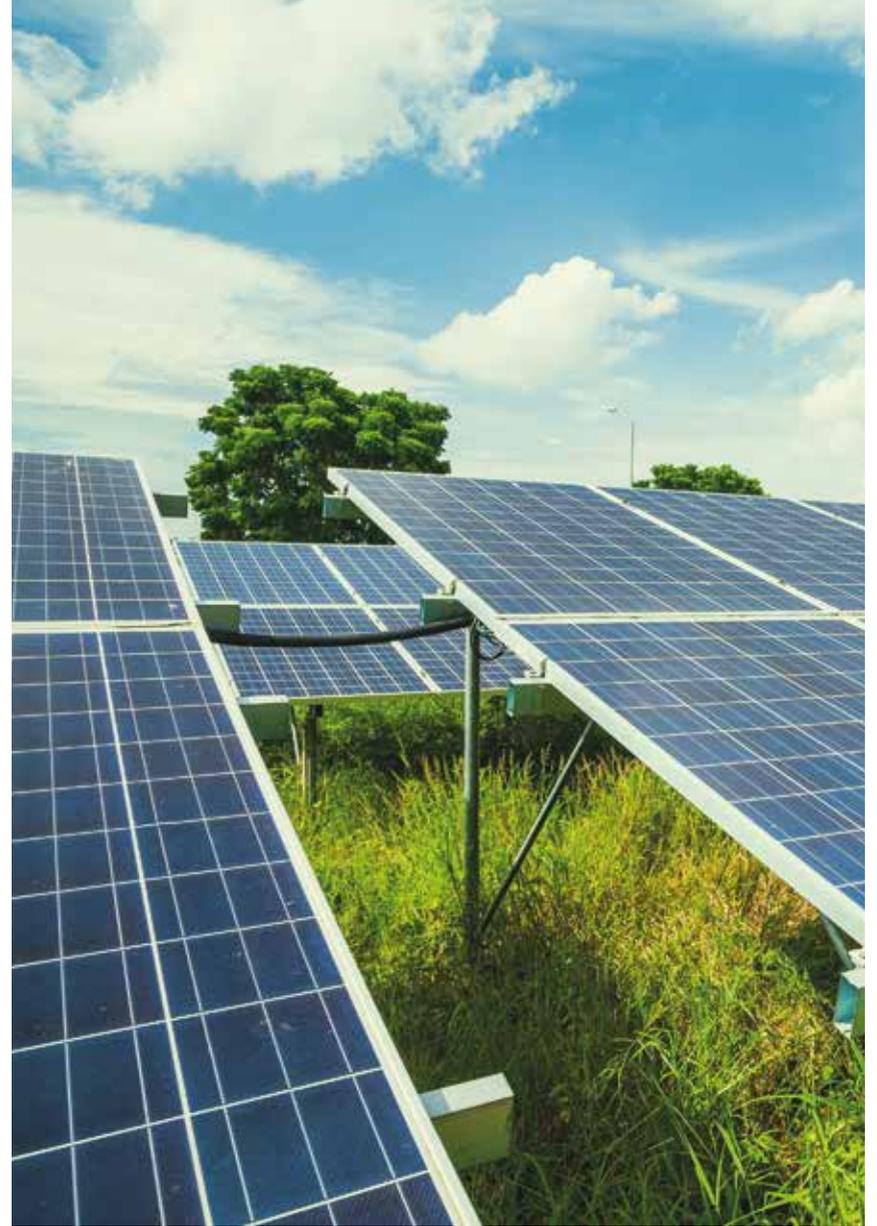


GREEN AND SMART

The current mining practises are a long way removed from the way the mining sector operated 20 to 30 years ago, or even much more recently.

Mining has become increasingly demanding with environmental sustainability taking on a central and dominant role within the industry.

The concept of environmentally sustainable mining was developed as an important tool to **promote the efficient use of materials, water and energy, in order to reduce the environmental footprint** of the project.

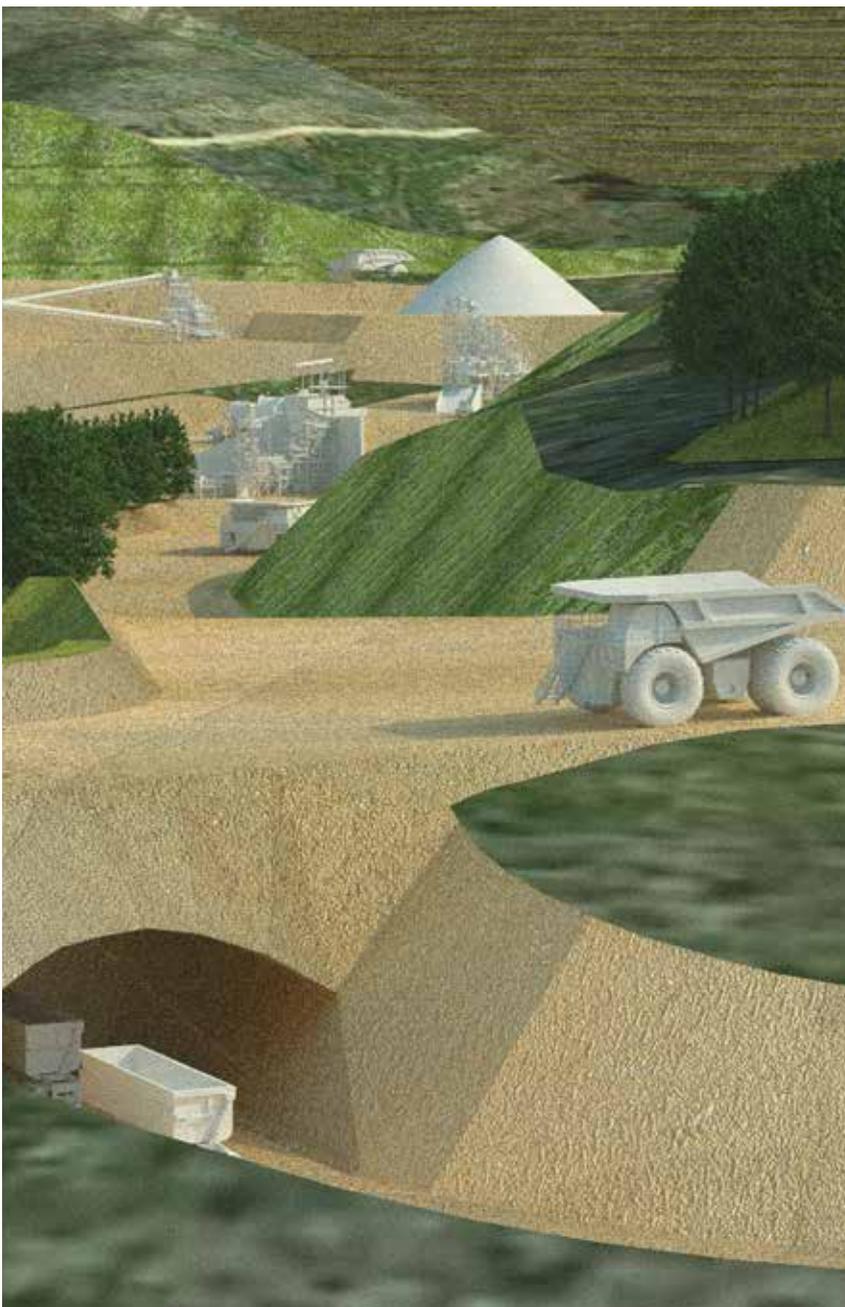


PROMOTE THE EFFICIENT USE OF MATERIALS, WATER AND ENERGY, IN ORDER TO REDUCE THE ENVIRONMENTAL FOOTPRINT

Green & Smart Mining is much more than an environmental concept and it extends to all areas of the mining project. In particular, **it mitigates social, ecological and technical problems** by applying holistic concepts and working collaboratively with local authorities and populations.

Savannah, in the development of the Barroso Mine project, has sought to implement these concepts from the outset, placing **Portugal in the vanguard of sustainable mining.**

Mina do Barroso will actively promote the mitigation or elimination of environmental and negative social impacts at all stages of the operation and will also enable communities to monitor operations in real time.



HOW WE PLACE TECHNOLOGY AND RENEWABLE ENERGY AT THE SERVICE OF MINING.

Real-time monitoring

Transparency and permanent contact to promote and carrying a positive neighbourhood.

Transparency in the approach to the community is one of Savannah's strongest commitments, materialized in a very concrete way by promoting **community participation** in diverse initiatives.

From the operational point of view, **we have developed state of the art control, measurement, and monitoring methods** to minimize environmental impacts.

The Barroso Mine will be a leader in **environmental monitoring, visualization and information, in real time**, which will provide accurate data capture.

The project includes a database and a network of wireless sensors strategically distributed in operational areas, which will allow for the capture of the data generated. It provides support for consultation, presentation and subsequent discussion of the results, as well as the rapid reporting of emergency situations for coordination and quick decision making.

The display of sensor data in real time, with exact date and time, is relevant information for the community. In this sense, the measurements will be available, in real time, in a transparent and practical way to the community, through a specific app developed for this purpose.

Renewable energies

Decarbonize the operation and reduce costs within the community.

The activity of a mine, like any industrial production unit, has demanding energy requirements. The concept of green and smart sustainable mining seamlessly integrates the entire supply chain.

The energy used at the Barroso project will come from renewable sources. This includes a proposed solar energy park that will supply energy to the project, while making it possible to share green energy with nearby populations thus ensuring lower electricity bills.

Whenever possible and practical Savannah will use electric mobility.

ENVIRONMENTAL RESTORATION

A new life for the ecosystem, post mining.

Our vision for the mine is part of a long-term strategy beyond the operational years of the mine itself. It encompasses the regional development of the entire community in a period that extends well beyond the end of mining operations. Our objective is, at the end of the project, **to leave the land rehabilitated, safe, valued** and with new and different uses for the population. In all of its investments, Savannah commits to the maximum **preservation of the environmental ecosystem** while committing itself to an environmental restoration that benefits the region and the entire community.

The land rehabilitation will be carried out in order to ensure future sustainable use, whether for tourism, agriculture or other purposes.

