



## Black Jaguar Foundation & The UN Sustainable Development Goals

The Black Jaguar Foundation actively contributes to the UN Sustainable Development Goals (SDGs). These goals aim to target socio-economic problems, climate change and biodiversity loss. The BJF supports the SDGs through our well defined tasks and goals, which are all interconnected. The Black Jaguar Foundation (BJF) is driven to restore the balance between nature and mankind. We offer a tangible solution for the drastic degradation of two of our most precious ecosystems: the Amazon rainforest and the Cerrado Savanna in Central Brazil. We pursue one clear objective: planting indigenous trees on a massive scale to realize the Araguaia Biodiversity Corridor **and as a result improves the lives of each of us and of all future generations on our planet.**



### SDG 1 - No Poverty

A well performing ecosystem improves the livelihood of the people in the area and makes them less vulnerable to climate change and droughts. Restoration of landscapes reduces poverty rates and generates different forms of employment in the region and beyond.



### SDG 2 - Zero Hunger

Sustainable land management in the Araguaia Biodiversity Corridor area improves food security through sustainable agriculture. Brazilian production rates per hectare are very low compared to other countries. By promoting sustainable and inclusive agricultural practices, the BJF will help to improve food production in the area. The BJF will set up Sustainable Agriculture Knowledge Centers to help landowners with the transition into sustainable farming while increasing their productivity. Brazil is a large player in the World Food Market and an important agricultural exporter, so its agricultural improvement can substantially improve the global supply chain. The BJF will therefore contribute to food security within the corridor area and beyond.



### SDG 3 - Good health and well-being

Over 20% of all the air we breathe is produced in the Amazon Rainforest and Cerrado Savanna. Next to this 25% of all modern medication is derived from plants in the Amazon and the Cerrado. More locally, vigorous landscapes and well performing ecosystems improve human well-being, this will be supported by establishing the Araguaia Corridor. The restoration of riparian areas assure clean water for the surrounding zones of the Araguaia Corridor.



#### **SDG 4 - Quality Education**

The BJJF will set up partnerships with schools along the Araguaia Corridor area and beyond. As mentioned in our goals, the BJJF will not only set up Sustainable Agriculture Knowledge Centers to help landowners with transition into sustainable farming practices, they will also serve as a place to learn about reforestation, plants and trees.



#### **SDG 5 - Gender equality**

Landscape restoration and ecosystem recovery decreases gender inequalities due to improved living standards and a variety of jobs that become available. Through these two effects and the Agricultural Knowledge Centers we aim to create a stronger local community in which more people are included and gender inequality is eliminated.



#### **SDG 6 - Clean water and sanitation**

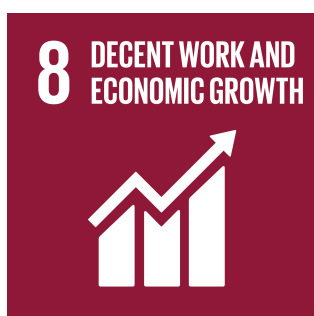
of indigenous trees within the coming 20 years.

Without forests, there is no rain and no life. Rain cycles in Brazil depend on trees from the Amazon and Cerrado. Forests store water, increase the infiltration rate, assure replenishment and therefore assure the quality and availability of the water. Especially the roots of trees retain the vital water sources. As 80% of the entire Corridor zone has already been deforested, the Araguaia river will become parched without the planting of massive numbers



#### **SDG 7 - Affordable and clean energy**

The use of renewable energy in Brazil depends largely on Brazil's rivers, if there is no water, there will be no energy, and without trees, no water in the rivers. Through the Knowledge centers for sustainable farming the use of clean and sustainable energy sources will be encouraged. Many farms can be self-sufficient with clean energy, for example by using solar panels.



#### **SDG 8 - Decent work and economic growth**

Restoration through reforestation produces direct and indirect employment throughout the area and beyond. Reforestation in the area will generate permanent and seasonal jobs in different sectors and improve the local communities' economic status.



### **SDG 9 - Industry, Innovation and Infrastructure**

Through sustainable land use we aim to build infrastructure that is resilient. Much infrastructure in rural Brazil lacks facilities and quality. We aim to promote inclusive and sustainable infrastructure improvement and foster the innovation of resilient projects.



### **SDG 10 - Reduced inequalities**

Building a stronger community and improved livelihoods to involve more people in the area, strengthen and foster new relationships and reduce inequalities. The BJJ promotes improved social and economic inclusiveness, especially for families who have a lower income, and account for the vulnerable groups of the society. We aim build a user-friendly online system to store and monitor all the landowners' data. This information will be the key to start creating a positive community of landowners who are invaluable to the success of the corridor.



### **SDG 11 - Sustainable cities and communities**

Reforestation and education improves the livelihood of people, their settlements, and create a sustainable and resilient lifestyle. More and more people in growing cities are causing the depletion and degradation of ecosystems around the world. Through sustainable cities and communities accompanied by local production the pressure on ecosystems can decrease.



### **SDG 12 - Responsible consumption and production**

A growing world population is increasing its pressure on the earth's resources, while at the same time our consumption rates are higher than ever. Therefore we need sustainable production processes and sustainable consumption. By helping landowners use their land in a more sustainable way, we are helping the produce agriculture sustainably.



### **SDG 13 - Climate action**

The 2 million hectares of land which will be reforested, will capture unprecedented levels of CO<sub>2</sub> as well as producing oxygen. In addition, the Corridor will assure that further deforestation and degradation of the area will be prevented. This allows for both mitigation and adaptation to climate change, improving climate resilience in the region.

Other outcomes due to planting 2.4 billion native trees in the Araguaia Corridor Zone and how we fight climate change:

- > the quantity of CO<sub>2</sub> which will be absorbed will have impact on a global level.
- > the quantity of Oxygen being produced will have a global impact.



### **SDG 14 - Life below water**

By completing the Araguaia biodiversity corridor the Araguaia River will be held intact, the delta of the Araguaia river, is to be secured as well. The Corridor will allow a sustainable use of the river and conserve this, as well as assuring that there will be enough water reaching the delta at Benin each year.



### **SDG 15 - Life on land**

Reforestation restores degraded areas and through educational knowledge of sustainable land use, further land degradation is prevented and biodiversity conserved.

Reforestation of the landscapes along the Araguaia River improves the biodiversity and resilience of the area, due to improved ecosystem services. We promote the sustainable use of agricultural land and aim to sustainably manage reforested areas.

The corridor will protect, restore and promote sustainable use of terrestrial ecosystems and sustainably manage forests. In order to reverse degradation and stop biodiversity loss we will restore large areas of degraded land of the Cerrado Savanna and Amazon rainforest by planting native trees on a massive scale. By creating a mosaic of green patches of pristine land that will be connected, species of plants and animals will be able to recover and flourish again within their ecosystem.

On average 1200 native trees per hectare will be planted to start the restoration process. From the 10.4 million hectares of the Corridor Zone an area of 2 million hectares is estimated to be restored. The outcome will result in a reforestation project of 2.4 billion trees, making it the world largest reforestation project on the planet!



### **SDG 16 - Peace, justice and strong institutions**

Water shortages and land degradation are some of the bigger drivers for migration and conflict. Through the realization of the Araguaia Biodiversity Corridor we aim to improve sustainable development but also to promote sustainable land use practices and farming.



### **SDG 17 - Partnerships for the goal**

Without our partnerships, both technical and sponsor, there would be no Black Jaguar Foundation and therefore no Araguaia Biodiversity Corridor. Our partners are located all around the world and we ask everyone with the same driven energy to get involved. We work together with countries, governments, companies, NGOs and other authorities. To implement the Araguaia Biodiversity Corridor connect with the different stakeholders in the region, creating a multi-stakeholder network and promoting cooperatives.