



# Imaloto Coal power station

**Imaloto Coal power station** is a proposed 60-megawatt (MW) coal-fired power plant in Atsimo-Andrefana, Madagascar.

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## Location

The map below shows Benenitra in the Atsimo-Andrefana region, the proposed location for the plant.



## Background on Plant

Lemur Resources is a wholly owned subsidiary of Bushveld Minerals and is the company's coal and power platform. The company's flagship project is the Imaloto coal mine in the Sakoa Basin of southwest Madagascar, consisting of four exploration permits and one mining and exploitation permit covering a total area of approximately 81.25 square kilometres. Lemur has the only coal mining exploitation license in the country. Since 2008, Lemur has invested approximately US\$10 million on developing the project. In 2012, Lemur took the decision to expand the scope of the project from coal mining only to include a 45MW coal power plant and a new 200km transmission line. In 2013, the company completed a pre-feasibility study for the plant and transmission line, and scoping study for the mine.<sup>[1]</sup>

In April 2017 Lemur Resources signed a memorandum of understanding (MoU) with PowerChina's Sinohydro for the coal project in Madagascar. Under the deal, the companies will jointly develop an initial 60MW Imaloto independent power producer (IPP) coal power plant and associated 200km transmission lines in Benenitra, Atsimo-Andrefana. Coal for the power station is expected to be procured from Lemur's mining permit area, the Imaloto coal mine in Madagascar. The companies are preparing an environmental impact assessment.<sup>[2]</sup>

In November 2017, Bushveld Minerals signed a power purchase agreement (PPA) with national utility Jiro sy Rano Malagasy (Jirama) for the project. Under the terms of the PPA Jirama will only take 10MW from the plant, with the remainder sold to large energy consumers in the south of the country.<sup>[3]</sup>

In May 2018, Bushveld Minerals signed a 30-year concession agreement with the Madagascan government giving Bushveld subsidiary Lemur Holdings Ltd the right to build, own, operate and maintain an initial 60MW coal plant and build a 200km 138kV transmission line. The agreement also aims to facilitate any future discussions with Jirama on further lines to connect large customers, as well as granting authorisation for road

and other associated infrastructure for the project and adding provisions for lenders. Completion of a full technical and financial feasibility study for the power plant and transmission line is expected in June 2018 and the ESIA by the end of the year.<sup>[3]</sup> The plant commissioning date is expected in 2021, subject to approvals and financial close on approximately US\$200 million of funding.<sup>[1]</sup>

In April 2019, Lemur said it had completed a bankable feasibility study for the power side of the project, and that the social and environmental study is scheduled to complete in 2019. Talks were reportedly ongoing over the financing and engineering, procurement and construction (EPC) contract for the power station.<sup>[4]</sup>

## Financing

In April 2019 Lemur Holdings raised US\$1 million from the Development Bank of Southern Africa toward the project.<sup>[5]</sup>

## Plant Details

- **Sponsor:** Lemur Resources Ltd, Sinohydro
- **Parent company:** Bushveld Minerals, PowerChina
- **Location:** Benenitra, Atsimo-Andrefana, Madagascar
- **Coordinates:** -23.452222, 45.078056 (approximate)
- **Status:** Pre-permit development
- **Gross capacity:** 60 MW
- **Type:** Subcritical
- **Start date:** 2020-2021
- **Coal type:**
- **Coal source:** Domestic
- **Source of financing:**

## Articles and resources

### References

1. "Lemur Resources," (<http://www.bushveldminerals.com/lemur-resources/#1504639984563-b9abfa13-6f3d>) Bushveld Minerals, accessed Nov 2017
2. "Lemur and Sinohydro sign MoU to develop Imaloto IPP coal power plant in Madagascar," (<http://www.power-technology.com/news/newsletter/lemur-sinohydro-sign-mou-to-develop-imaloto-ipp-coal-power-plant-in-madagascar-5779378/>) Power Technology, April 5, 2017
3. "Madagascar: Concession agreement signed for Imaloto coal power project," (<https://www.africa-energy.com/live-data/article/madagascar-concession-agreement-signed-imaloto-coal-power-project>) Africa Energy, 23 May 2018
4. "Bushveld Minerals' Lemur arm looks to financial close at Imaloto in Madagascar," (<https://www.proactiveinvestors.co.uk/companies/news/218302/bushveld-minerals--lemur-arm-looks-to-financial-close-at-imaloto-in-madagascar-218302.html>) Proactive Investors, 10 Apr 2019
5. "Lemur signs \$1m finance deal for Madagascar's Imaloto project with DBSA," (<https://www.miningmx.com/news/markets/36620-lemur-signs-1m-finance-deal-for-madagascars-imaloto-project-with-dbsa/>) Mining Mx, April 11, 2019

### Related SourceWatch articles

- Madagascar and coal

### External resources

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