

TASI MANE PROJECT

To bring petroleum development to our shores and provide a direct economic dividend from petroleum industry activities, supporting infrastructure will be developed on the south coast of Timor-Leste. This will be led by the Tasi Mane Project, a multi-year development of three industrial clusters on the south coast which will form the backbone of the Timor-Leste petroleum industry. The project will involve development of a coastal zone from Suai to Beaçó and will ensure that required infrastructure is in place to support a growing domestic petroleum industry. Tasi Mane will include the Suai Supply Base cluster, the Betano Refinery and Petrochemical Industry cluster, and the Beaçó LNG-Plant cluster.

Figure 22 Tasi Mane clusters



Source: prepared for the Strategic Development Plan

Suai Supply Base cluster

Extensive public sector investment will establish a logistics base for the petroleum sector in Suai. The base will provide capacity for the south coast to develop a domestic petroleum sector along with related and supporting industries and businesses. It will provide an entry point for the materials and equipment that will be needed to build petroleum industry infrastructure and plants. Suai will become a centre for the petroleum industry in Timor-Leste providing services, logistics, fabrications and human resources.

Public investment will be used to build:

- A sea port in Kamanasa, Suai, including container park, warehouse logistics area, office spaces and fuel storage facilities
- A housing complex in Kamanasa
- A heavy metals workshop
- Shipbuilding and repair facilities
- A rehabilitated Suai airport.

Suai Supply Base will become a national industrial base and logistics platform to drive job creation and economic development on the south coast. It will also support the establishment of petroleum centres at Betano and Beaçõ.

Betano Refinery and Petrochemical Industry cluster

The Betano cluster will consist of an industrial park where refinery and petrochemical industries will be located, along with a petroleum industry administration city. The city will provide housing and social services, and form a new base of employment on the south coast.

The establishment of a refinery and petrochemical centre will be achieved through cooperation between the public and private sectors. The Timor-Leste National Petroleum Company will play a crucial role in this development. The initial phase will establish a refinery with a capacity of 30,000 barrels per day, with capacity to progressively increase to 100,000 barrels per day as the petrochemical industries expand. Domestic fuels needs such as diesel, gasoline, jet-fuel and asphalts will be able to be provided by this refinery. In addition, many products from the refinery will be exported to increase our trade in oil and gas products.

Beaçõ LNG-Plant cluster

The Beaçõ LNG-Plant cluster will be the area in which the natural gas pipeline reaches Timor-Leste land and where the LNG plant to process the gas will be located. This cluster will incorporate the LNG-Plant complex and the Nova Beaçõ and Nova Viqueque developments. The existing airport at Viqueque will be refurbished with the capacity to operate as a fly-in-fly-out airport for LNG Plant operators, as well as serving as a regional airport.

The first phase of the LNG-Plant development will establish a production capacity of 5 million tonnes per annum (MPTA) or one train, which may be expanded in the future to a capacity of up-to 20 MTPA or four trains).

To connect the three clusters and support growth of the petroleum industry, a road will be built from Suai to Beaçõ. This road will be built in stages. Each stage will be developed according to economic need and the growth of the industry. The project will commence by 2015 and be completed by at least 2020.

Tasi Mane project phases

The Tasi Mane project will be undertaken over a 20-year period and comprise four stages, with stage 1 commencing immediately. The four stages are:

- **1st stage: 2011-2013** This will include the commencement of the first phase of Suai Supply Base, which will include the construction of a seaport with breakwater in the Kamanasa area, warehouses, office space and utilities along with the rehabilitation of the Suai airport and rehabilitation of connecting roads in the Suai/Kamanasa area.

- **2nd stage: 2013-2016** This will include the completion of the first phase of Suai Supply Base and commencement of the second phase, which will include the extension of the breakwater to cover a more protected berth area to cater for expected increases in commercial cargo demand. The construction of the new city of Suai will begin to provide housing and accommodation for workers. The construction of the first phase of the refinery project, with a capacity of 30,000 barrels per day, will start in Betano. The construction of the road between Suai and Betano will commence during this stage. First phase development of Nova Betano will also commence.
- **3rd stage: 2017-2023** This will include the completion of the first phase of the refinery project and the extension of the Betano - Beaçõ Highway. The LNG plant, Nova Viqueque and Nova Beaçõ will be constructed and the regional Viqueque airport will be refurbished and enlarged.
- **4th stage: 2024-2030** This includes the third phase of the Suai Supply Base; the second and third phases of the petroleum administration city; continued growth of petrochemical industries; and further expansion of the LNG-plant to accommodate additional trains if further gas discoveries are made.

TARGETS

By 2015:

- The construction of the Suai Port will have been completed
- The Suai airport will have been rehabilitated
- The first phase of the refinery project will have commenced
- The construction of the first section of road from Suai to Betano will have commenced
- Nova Suai development will have been completed
- First phase of Nova Betano will have commenced

By 2020:

- The second phase of the Suai Supply Base will have been completed
- The first phase of the refinery project will have been completed
- The Beaçõ Port will be completed

By 2030:

- The Tasi Mane project will have been completed, establishing a dynamic and integrated petroleum industry connected by a highway on the south coast of Timor-Leste