

DESARN Refinaria Advances Brazil's Energy Independence with Modular Refinery

DESARN Refinaria secures Phase 1 financing and selects BG Titan Group as EPC partner for its 50 kbpd modular refinery in Sergipe, Brazil.

ARACAJU, SERGIPE, BRAZIL, June 3, 2025 /EINPresswire.com/ -- [DESARN Refinaria](https://www.einpresswire.com/news/2025/06/03/DESARN-Refinaria-Accelerates-Brazil-s-Energy-Independence-with-50-kbpd-Modular-Plant-in-Sergipe) Accelerates Brazil's Energy Independence with 50 kbpd Modular Plant in Sergipe

Phase-one financing secured; [BG Titan Group](https://www.einpresswire.com/news/2025/06/03/BG-Titan-Group-onboard-as-EPC-partner-strategic-expansions-identified-in-key-international-regions) onboard as EPC partner; strategic expansions identified in key international regions

[DESARN Refinaria S/A](https://www.einpresswire.com/news/2025/06/03/DESARN-Refinaria-S/A-is-rapidly-advancing-construction-of-its-modular-refinery-project-in-Sergipe-Brazil) is rapidly advancing construction of its modular refinery project in Sergipe, Brazil. Designed to process up to 50,000 barrels per day, the refinery will significantly reduce Brazil's dependence on imported fuels, driving national energy security and regional economic development.



We're proud to bring modular expertise to Sergipe and replicate this success globally."

Aymen Boughanmi, CEO, BG Titan Group

Refinery Overview

The DESARN facility will efficiently convert diverse crude grades (26–38 °API) into essential products, including ultra-low sulfur diesel (S-10 ULSD), gasoline (RON-92), LPG, and fuel oil. Fully compliant with Brazilian ANP/CONAMA regulations and international API/ASME standards, the

project underscores DESARN's strong commitment to environmental excellence and regulatory adherence.

Local Economic Revitalization

The project is expected to create hundreds of skilled construction roles and over 100 permanent operational positions, delivering long-term economic benefits to local communities. Strategic partnerships with training institutions ensure continuous workforce development, bolstering

The infographic is titled "DESARN MODULAR REFINERY PROJECT" and is set against a light blue background. It features six key points, each with an icon and a brief description:

- REDUCING RELIANCE ON IMPORTED FUELS:** Domestic 50,000 barrels per day production. Icons for Gasoline, Diesel, and LPG.
- BOOSTING BRAZILIAN INDUSTRY:** Sourcing at least 65% of components & service locally. Icon: 65%.
- FISCAL & ECONOMIC ADVANTAGES:** Utilizes fiscal incentives for economic efficiency. Icon: Money bag.
- BG TITAN GROUP PARTNERSHIP:** EPC partner for engineering & construction. Icon: Handshake.
- LOCAL ECONOMIC REVITALIZATION:** Hundreds of jobs reated, Workforce training for residents. Icon: Yellow spheres.
- COMMITMENT TO SUSTAINABILITY:** Emphasizes reduced emissions & cleaner fuels. Icon: Green fuel pump.

On the right side, there is a vertical section for "DESARN Refinaria SERGIPE, BRAZIL" with "KEY MILESTONES":

- ▶ Q2 2025 Major civil works nearing completion
- ▶ Q1 2026 Mechanical completion & testing
- ▶ Q2 2026 Refinery commissioning & startup

At the bottom right is the "TITAN" logo with the tagline "Leading a transformative energy initiative".

Below the infographic, a text box states: "DESARN Refinaria's Modular Refinery in Sergipe drives local economy, sustainability, and Brazilian industry growth."

Sergipe's economic resilience.

Commitment to Sustainability

With a strong emphasis on producing S-10 diesel and employing energy-efficient technology, DESARN's refinery aims to substantially reduce harmful emissions, supporting improved public health outcomes and aligning with Brazil's environmental priorities.

Strengthening Brazilian Industry

Consistent with Brazil's local-content goals, DESARN has committed to sourcing at least 65% of components and services domestically. This initiative will enhance the capabilities of Brazil's industrial base, stimulate innovation, and energize the local supply chain.

Optimizing Fiscal Incentives

Leveraging Brazil's REPENEC and ICMS fiscal frameworks, DESARN ensures strong economic efficiency, improving project returns and enabling reinvestment in local infrastructure and community-focused programs.

Strategic Partnership with BG Titan Group

To ensure timely project execution and operational excellence, DESARN has partnered with BG Titan Group as the EPC contractor, leveraging its expertise in modular energy solutions.

"We are proud to bring BG Titan's modular expertise to Sergipe," said Aymen Boughanmi, CEO of BG Titan Group. "Our integrated EPC approach keeps the project on schedule and establishes a model we intend to replicate across other strategic international markets."

Looking Ahead

With Phase One financing fully secured, DESARN and BG Titan Group are actively preparing for subsequent expansion phases. Additionally, the consortium has strategically identified complementary modular energy projects across targeted international markets, including high-potential regions in North and East Africa.

Key Project Milestones

- Q2 2025 – Civil works and module fabrication nearing completion
- Q1 2026 – Mechanical completion and comprehensive testing phase
- Q2 2026 – Official refinery commissioning and operational startup

About DESARN Refinaria S/A



DESARN partners with BG Titan Group, leveraging modular technology to boost Brazil's refining capabilities and energy independence.

DESARN develops modular refining solutions that enhance energy security, promote sustainable practices, and drive inclusive economic growth.

About BG Titan Group

BG Titan delivers comprehensive EPC solutions and strategic investment in modular energy projects worldwide, prioritizing scalability, speed, and sustainability.

Media & Partnership Enquiries

DESARN Refinaria S/A – press@desarn.com – <https://www.desarn.com>

BG Titan Group – media@bgtitangroup.com – <https://www.bgtitangroup.com>

Jamila Hasanova

BG TITAN GROUP

+1 714-656-3569

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/817930764>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.