



# COMPANY PROFILE

Overview

Petroleum

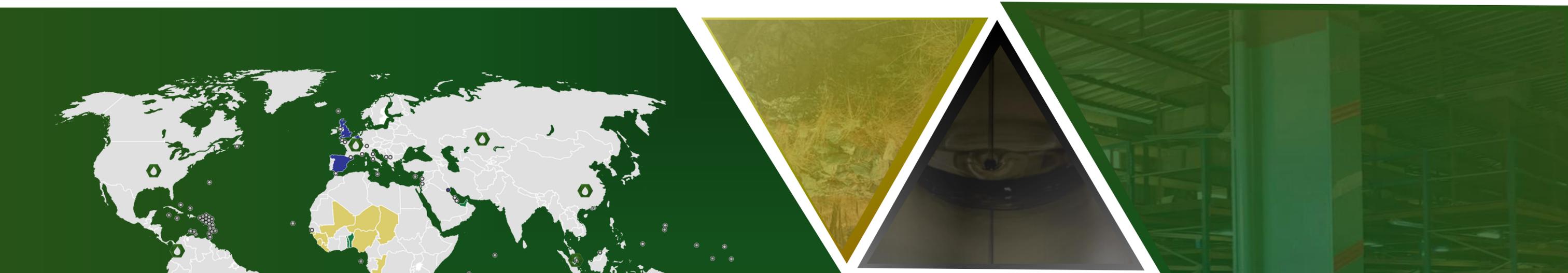
Mining

Agribiz

Services

RSE and Strategy

Contact





Welcome to the BITOL profile.

The information that follows is the exclusive property of our company and reflects our vision, values, and activities. BITOL is led by Boris Gbaguidi, a trained engineer, who is committed to promoting innovation and sustainability while building strong partnerships and delivering high-quality solutions. Our goal is to create a positive impact in our industry and contribute to economic and social development.

Thank you for taking the time to explore our profile and uncover opportunities for collaboration to achieve mutually beneficial results.

**BITOL S.A.**

Benin – Togo -

**Please note that our website is currently undergoing a redesign and will be available on September 20, 2024. In the meantime, we can provide additional information via email. Thank you for your understanding.**

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Niger – Nigeria

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**BITOL**

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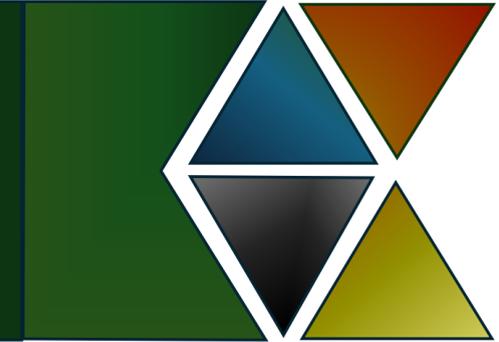
Agribiz

Services

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## Company Outline

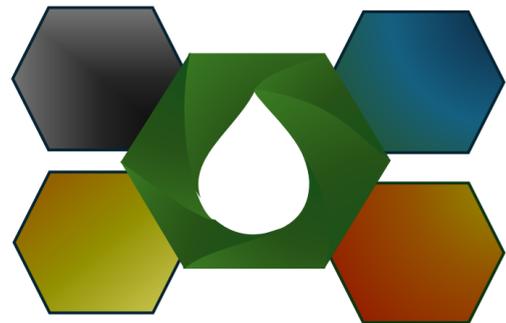
- Private Company for Petroleum products, Mining, Agribiz, and EXIM
- Supplier of Petroleum, Bitumen, Chemical Products and Food since 2014
- Genuine Technical Services: Audit – Expertise - Financement



## Business Lines

Products of  
Petroleum

Mining



Agri-business

Import

Export

## Leadership

Boris Gbaguidi + EP bitumen

=

Strengthening the African offer  
by optimizing the flow of food, mining,  
and hydrocarbon supplies,  
while contributing to the dissemination

of best practices.

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## Achievements

04 companies with a total of US\$ 900,000 share capital

No customer disputes.

A restructuring of trade flows is nearing completion



**BITOL**

# Global Presence

Overview

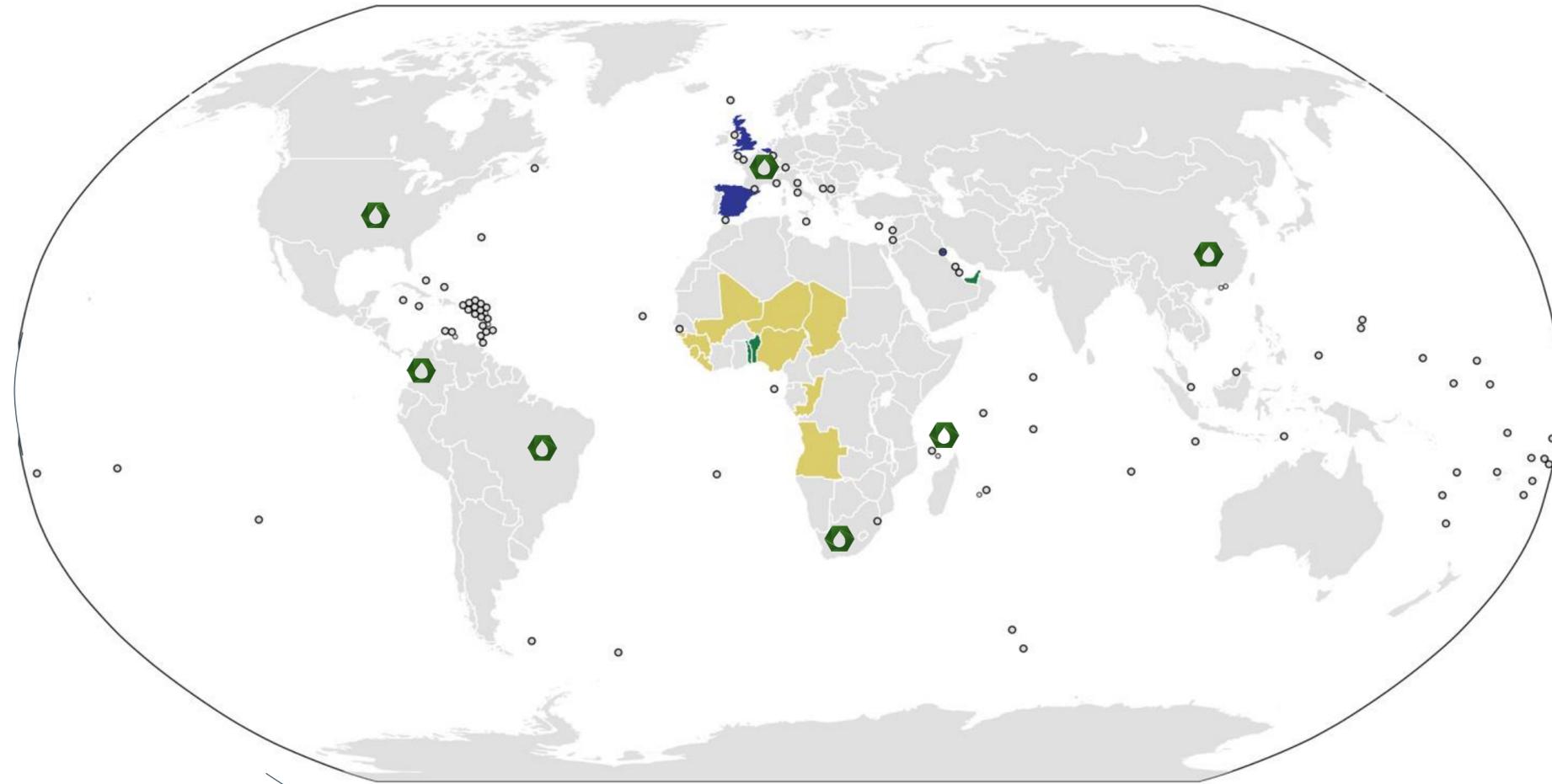
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 BITOL Main Companies

 BITOL Partners

 BITOL Main Clients

 BITOL Representatives





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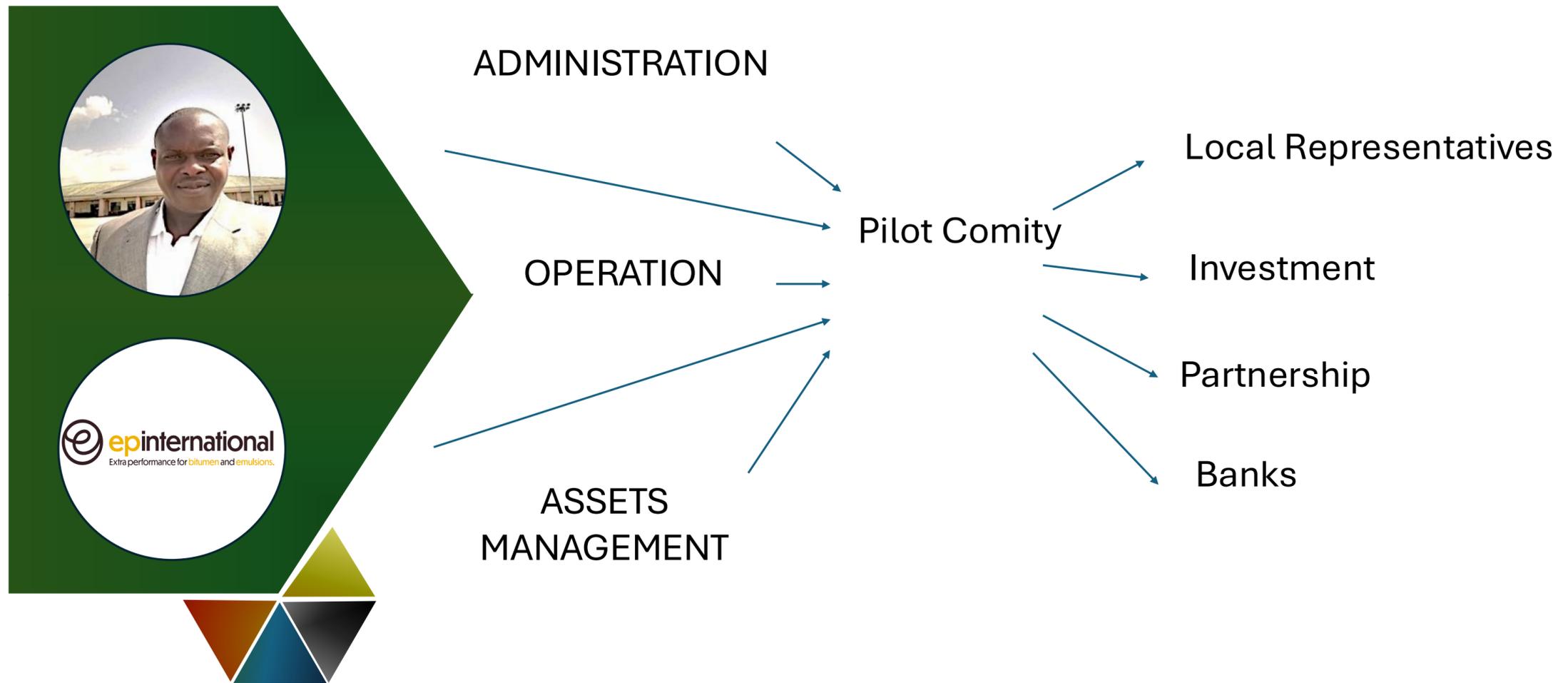
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# Management Team & Local Representatives



*Internal Audit & Compliance Advisor: Me AGBANI, Lawyer*



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# Manager Commitment

SAGRILAFT and international Recommendations

Ethical Code

BITOL, an unwavering commitment to best practices

At BITOL, we are committed to fully complying with the highest international standards in the fight against terrorist financing, corruption and money laundering. Our internal procedures are aligned with the recommendations of the FATF (Financial Action Task Force) and the 6th European Anti-Money Laundering Directive.

Thus, we implement a robust system of in-depth knowledge of our customers (KYC) and continuous monitoring of transactions. All our employees are regularly trained in these essential issues. Our compliance officer, a business lawyer, continuously ensures that these measures are rigorously applied.

Each of our business partners sends us or undertakes to sign a "Responsible Commitment" in which they undertake to respect the same principles of transparency and vigilance.

To help companies demonstrate their compliance, BITOL also offers a "Due Diligence Questionnaire" to assess and strengthen transparency and anti-money laundering practices.

By choosing BITOL, our customers can be assured of working with a reliable partner who is committed to complying with the most demanding international regulations and ethical best practices.

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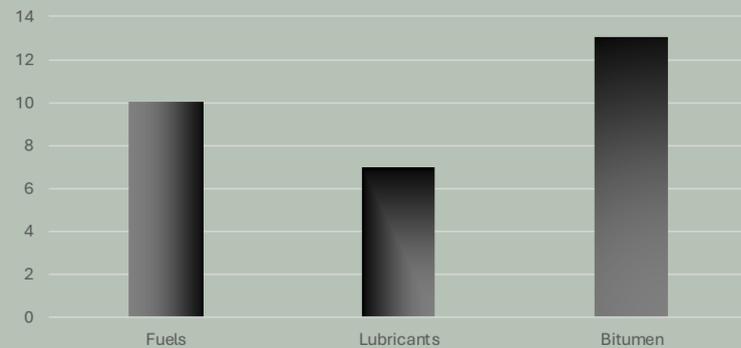
Agribiz

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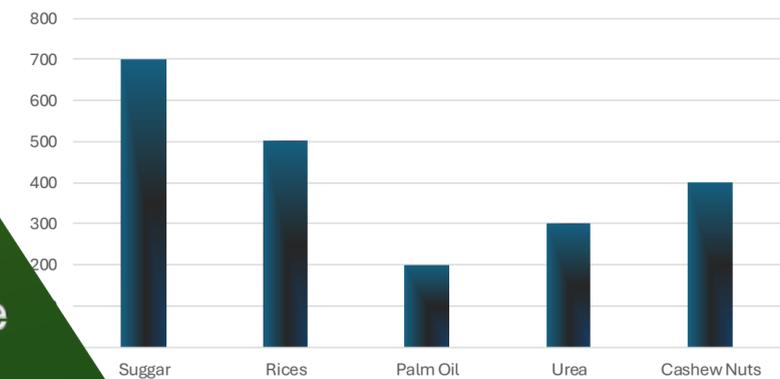
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# Products Sales by category 2014-2025

Products of Petroleum **US\$ 30 000 000**

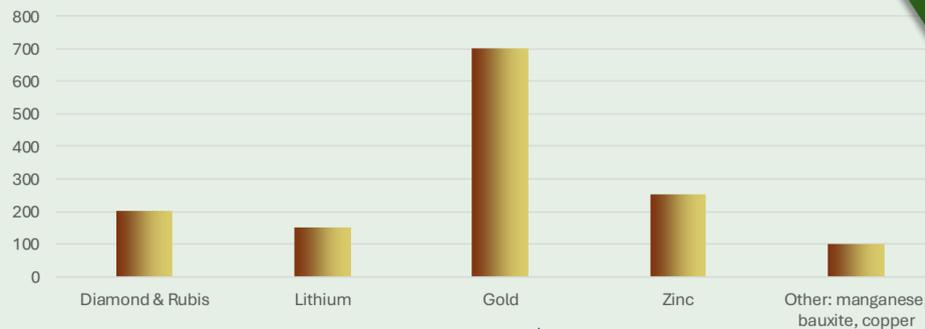


**US\$ 1 100 000** Agri-business and Commodities



**Gross Revenue  
2014 - 2025  
US\$ 32 700 000**

Mining **US\$ 1 400 000**



**US\$ 200 000**

**EXIM General Trade and other Revenues**  
**Supply of equipment Upstream/Downstream,**  
**Consulting, Ground Mission**  
**Lubricants audit, Training**

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From 2014 to 2025, BITOL created a Gross Revenue around 32 millions of USD, where Petroleum products represent 94%. The best period of Revenue was before the COVID crisis.

**This year 2026**, BITOL shall have the benefits of its new Supply Chain for Petroleum Products and Commodities. BITOL could also benefit from Mining Opportunities in sub-saharian Africa.



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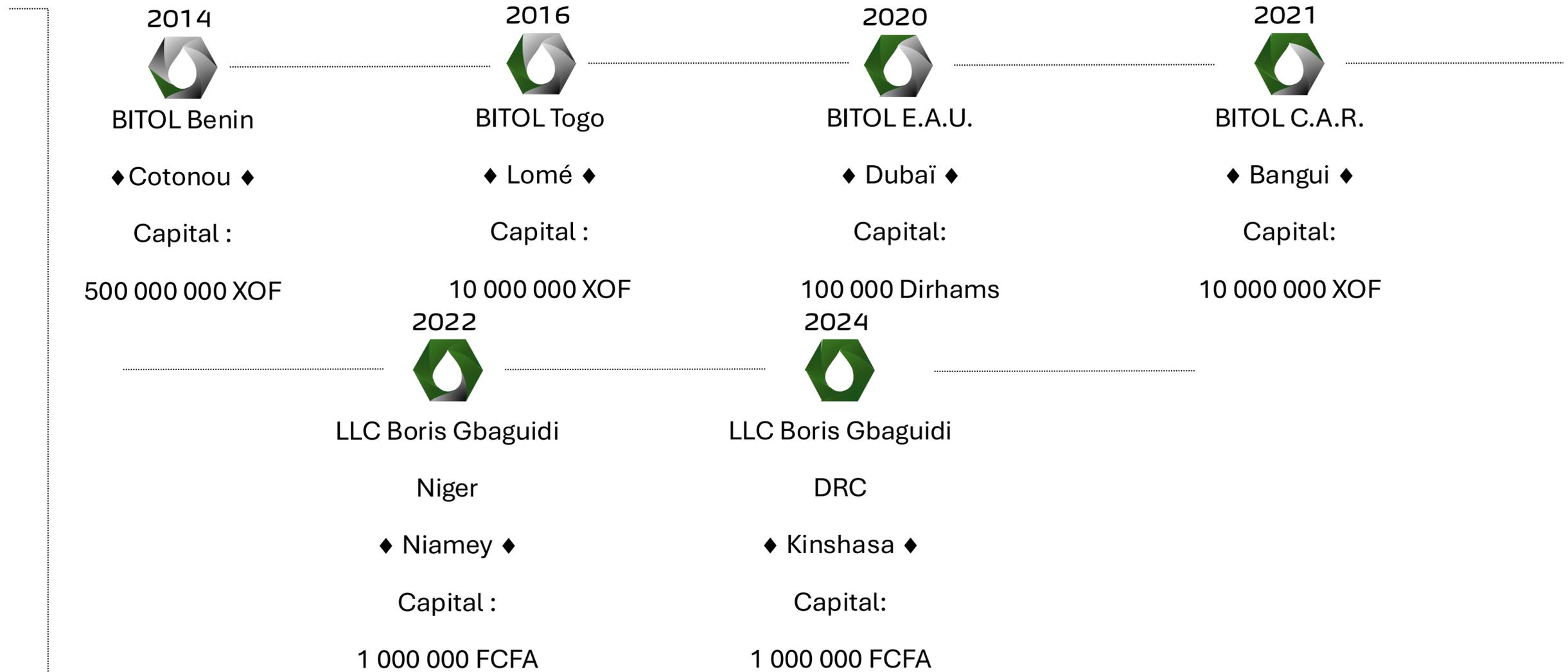
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# Milestones



**TOTAL COMPANIES CAPITAL 575 000 USD, WITH 06 NATIONAL IMPLANTATIONS**

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# Assets & Financial Resources

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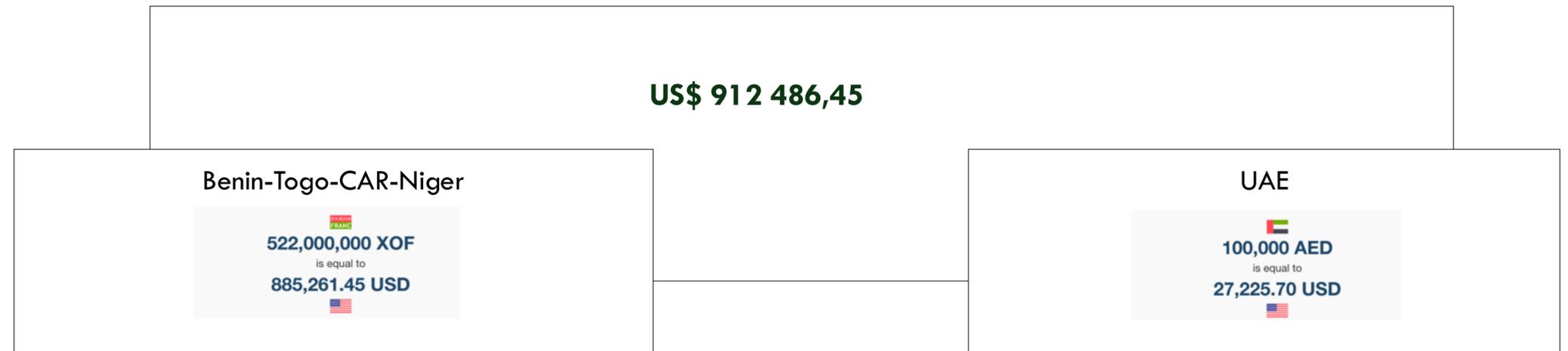
Mining

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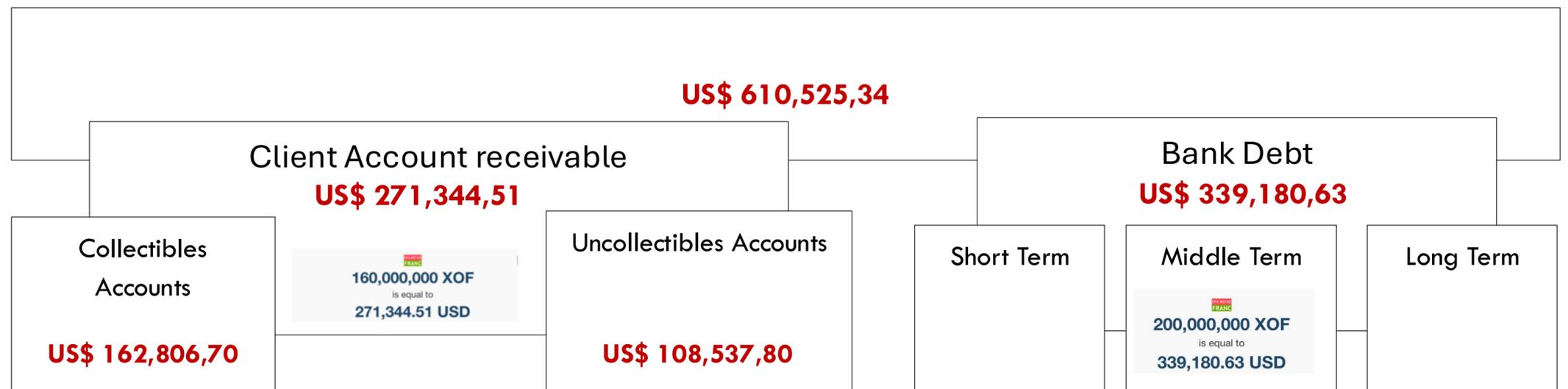
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## Equity



## Debt



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## Strategic Partners



Extra performance for bitumen and emulsions.

**BITOL Associated**

**London, England**

Combination and WorldWide Supply of Bitumen, emulsions, naphta and adjuvants.



Partnership through Boris Gbaguidi who met EP in Professional Meeting in 2012.



**Raffinery**

Madrid, Spain

Gas Expert



Partnership through EPINTERNATIONAL



**Petrol Major**

Beaumont, USA

Supplier – Technical Consultancy



Partnership through Boris Gbaguidi who worked for 09 years as Technical Saler and several times rewarded as Best Employee of the Year.



**Qingdao Xinguangzheng Steel Structure Co**

Metallic Structure – Engineering-Turnkey

Available Financial Support for high investment Project



Relationship through one of French BITOL cdm.



**Petrol Major in West Africa**

Abuja, Nigeria

Supplier – Technical Consultancy



Partnership through Boris Gbaguidi who worked for 04 years as Technical Saler.



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# Business Clients

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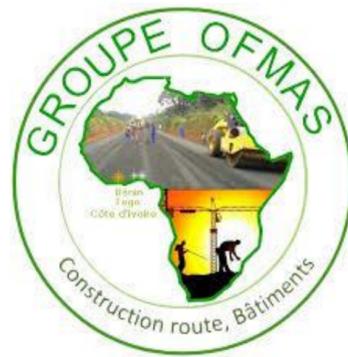
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# Logistic Commitment

BITOL is chosen for the quality of its logistics support, its reliability and its flexibility.

BITOL's logistics network is guaranteed by the expertise of the partners: Boris Gbaguidi and EP INTERNATIONAL.

BITOL's value lies in the trust placed in it by public and private networks in sub-Saharan Africa.

## No client litigation since its creation in 2014.

BITOL has partners who allow routing according to the customer's needs:

From boat to boat

Transport to the place of consumption

Local storage option for purchase and rental

Periodic verification of the quality of hydrocarbons

Offering climate-resilient admixtures and storage solutions.

All deliveries are guaranteed by tracking and checkpoints.



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**CHINA INSPECTION SERVICE**  
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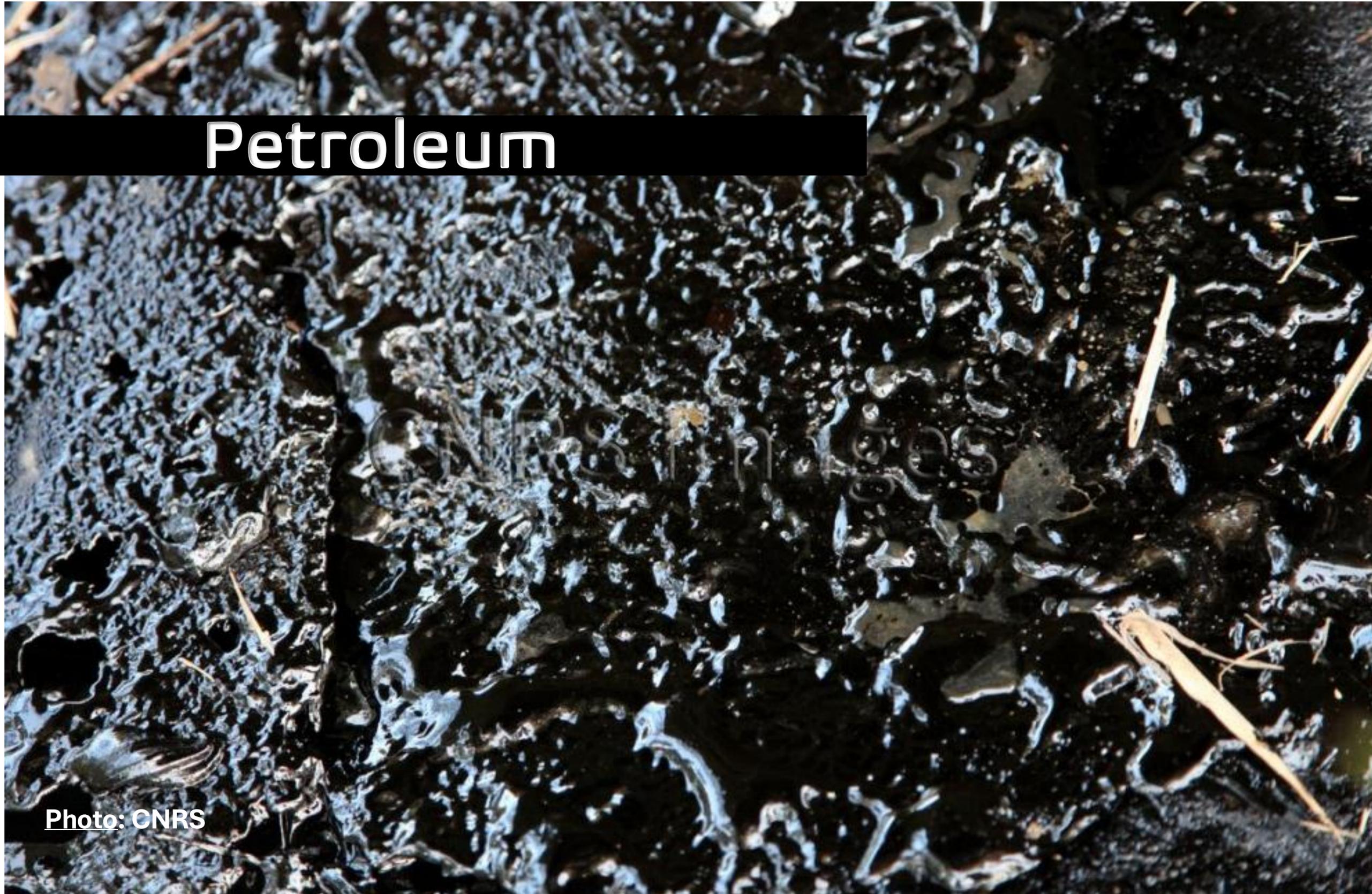
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# Petroleum

**Photo: CNRS**



**BITOL**

# Petroleum – Key Products

BITOL supplies the main distillates from the processing of crude oil: from gas to bitumen.

Overview

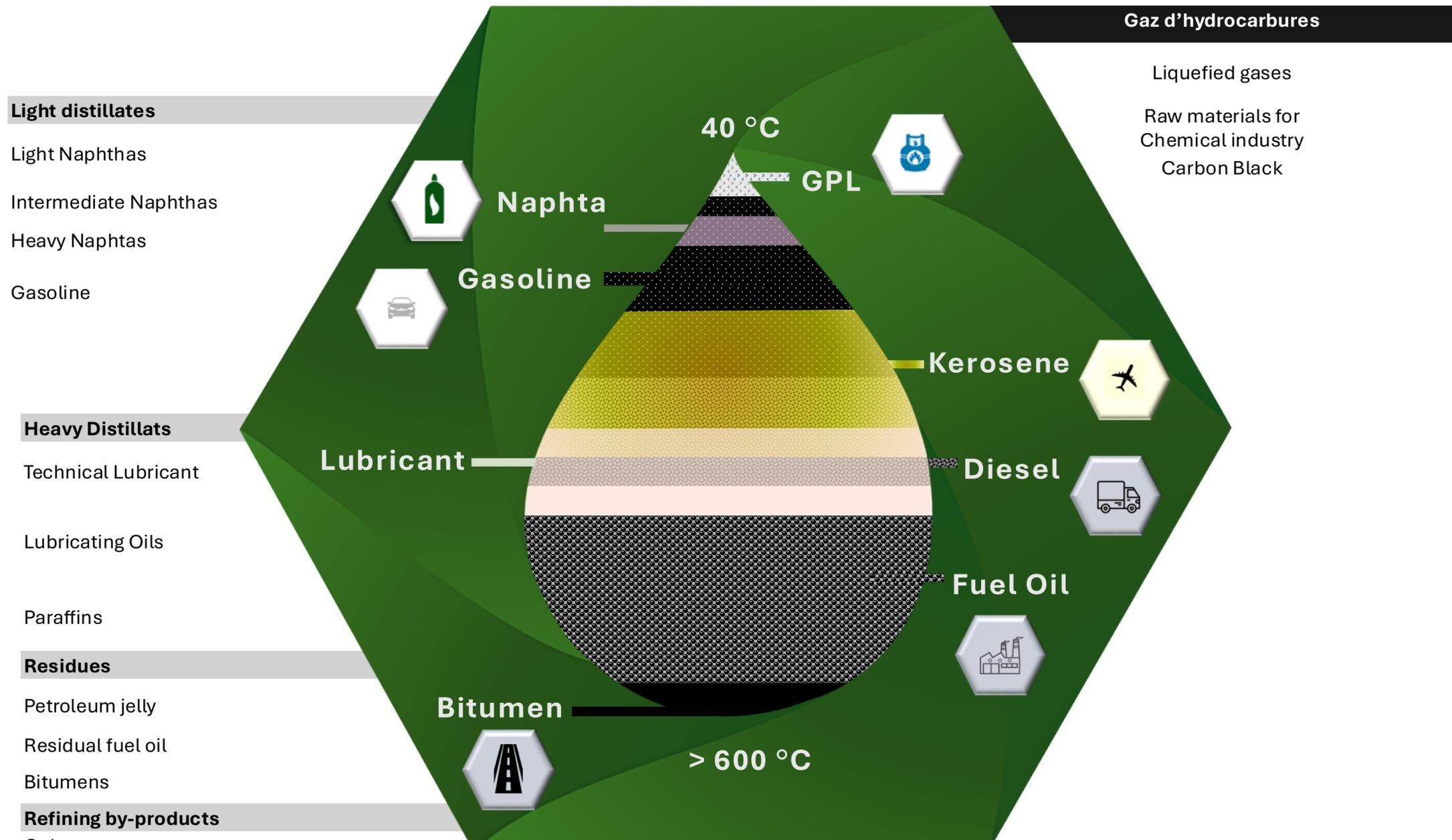
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## Petroleum – GPL



### GPL

Origin : Hors sanction

+ Optimisation Origin-Destination/Price/Insurance/ Schedule

Disponibility  test  1 delivery  Monthly   
Annual

Technical Support  INCOTERM & Payment Terms : On request

BITOL offers packaged LPG suitable for storage climates.

Type of LPG	Composition	Boiling point at 20°C	Boiling point at 30°C	Boiling point at 40°C	Storage pressure at 20°C	Storage pressure at 30°C	Storage pressure at 40°C
Propane	Mainly propane (C3H8)	-42°C	-36°C	-30°C	8-10 bars	10-12 bars	12-15 bars
Butane	Mainly butane (C4H10)	-0,5°C	+3,5°C	+7,5°C	2-3 bars	3-4 bars	4-5 bars
Propane/butane blend	Variable propane and butane blend	-20°C (env.)	-14°C (env.)	-8°C (env.)	5-8 bars	7-10 bars	9-12 bars
Refinery LPG	Complex mixture of hydrocarbons C3 to C5	Varies according to composition	Varies according to composition	Varies according to composition	Variable pressure depending on composition	Variable pressure depending on composition	Variable pressure depending on composition

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The required storage pressure increases with temperature due to the expansion of the gases. This information is crucial for the proper sizing of tanks and piping in liquefied petroleum gas (LPG) storage and distribution systems.

On request, BITOL undertakes a diagnosis of collective and domestic installations.

BITOL also offers anaerobic digestion solutions adapted to individual consumption, in continuous and discontinuous supply units. Without replacing LPG, anaerobic digestion units provide a significant additional energy that can be installed in a small garden, a garage, a factory, a street, a public park, to limit energy purchase expenses, or even constitute a new source of income.



# Petroleum – Naphta

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## Naphta

Origin : Hors sanction

+ Optimisation Origin-Destination/Prix/Assurances/Délai

Disponibility  test  1 delivery  Monthly   
Annual

Technical Support  **PACKAGE UNDER YOUR BRAND**

Property	Value
<b>Chemical composition</b>	Complex mixture of aliphatic and aromatic hydrocarbons
<b>Origine</b>	Light fraction from crude oil refining
<b>Apparence</b>	Clear, colourless to yellowish liquid
<b>Odeur</b>	Characteristic smell of hydrocarbons
<b>Density</b>	0,65 - 0,85 g/cm <sup>3</sup>
<b>Boiling Point</b>	30 - 200°C: This wide boiling range allows the separation of naphtha into different fractions with varying properties and applications.
<b>Flash Point</b>	-40 à 0°C
<b>Main use</b>	<p>The complete range of naphtha solvents may be divided, for convenience, into four general categories:</p> <ol style="list-style-type: none"> <li>1. Special boiling point spirits having overall distillation range within the limits of 30–165°C (86–329°F);</li> <li>2. Pure aromatic compounds such as benzene, toluene, xylenes, or mixtures (BTX) thereof;</li> <li>3. White spirit, also known as mineral spirit and naphtha, usually boiling within 150–210°C (302–410°F);</li> <li>4. High-boiling petroleum fractions boiling within the limits of 160– 325°C (320–617°F).</li> </ol> <p>Because the end use dictates the required composition of naphtha, most grades are available in both high- and low-solvency categories and the various test methods can have major significance in some applications and lesser significance in others. Hence the application and significance of tests must be considered in the light of the proposed end use. Odor is particularly important because, unlike most other petroleum liquids, many of the manufactured products containing naphtha are used in confined spaces, in factory workshops, and in the home.</p>
<b>Risks</b>	- Extrêmement inflammable - Toxique par inhalation et ingestion - Danger pour l'environnement aquatique
<b>Precautions for use above 25°C</b>	<ul style="list-style-type: none"> <li>- Augmentation du risque d'évaporation et d'inflammation</li> <li>- Renforcement de la ventilation et de la surveillance</li> <li>- Stockage dans des zones fraîches et à l'abri de la chaleur</li> <li>- Port de gants et lunettes de protection obligatoire</li> </ul>

BITOL offers a wide range of naphtha-derived products.

Products are classified into four main categories: (i) Special boiling point spirits: Distillation between 30 and 165 °C, (ii) Pure aromatic compounds: Including benzene, toluene and xylenes (BTX), (iii) White spirit: Also known as mineral spirit, with a boiling range of 150 to 210 °C, (iv) High boiling point petroleum fractions: Boiling between 160 and 325 °C. Each grade of naphtha is tailored to specific uses, with high and low solvency options, depending on the needs of the application.



## Petroleum – Gasoline

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GPL

Origin : Hors sanction

+ Optimisation Origin-Destination/Prix/Assurances/Délai

Disponibility  test  1 delivery  Monthly   
Annual

Technical Support  INCOTERM & Payment Terms : On request

BITOL offers essences that essentially meet European standards, to limit the environmental impact of species. That said, sulphur remains essential in these fuels:

Natural lubricant for engine parts and injection.

Fuel stabilizer helps reduce deposit formation.

Leak detection: gives a characteristic smell to the fuel.

Compliance with European standards is a guarantee against the disadvantages of sulphurised fuels:

Pollution: The combustion of sulphur produces sulphur oxides (SOx).

Corrosion: can contribute to the corrosion of engine parts and injection system and also high sulfur content can decrease combustion efficiency and engine performance.

Fuel Type	Sulfure Rate	Environnemental Impact
Unleaded Gasoline 95 E5	max 10 ppm	9/10
Unleaded Gasoline 98 E5	max 10 ppm	9/10
Super Unleaded Gasoline 95 E10	max 10 ppm	8/10
Super Unleaded Gasoline 98 E10	max 10 ppm	8/10
Premium Unleaded Gasoline 95 E5	max 10 ppm	9/10
Premium Unleaded Gasoline 98 E5	max 10 ppm	9/10
Unleaded Gasoline 95 E0 (no ethanol)	max 10 ppm	9/10
Unleaded Gasoline 98 E0 (no ethanol)	max 10 ppm	9/10
Ethanol Flex Fuel E85	max 10 ppm	7/10
Racing Gasoline (100 octane)	max 10 ppm	9/10

Regulations have gradually reduced the level of sulphur allowed in fuels from thousands of ppm to only 10 ppm maximum, while preserving the necessary lubricating properties.



# Petroleum – Kerosene

GPL

Origin : Hors sanction

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Disponibility  test  1 delivery  Monthly  Annual

Technical Support  INCOTERM & Payment Terms : On request

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Property	Value
<b>Boiling Point</b>	150 - 300°C
<b>Flash Point</b>	38 - 72°C
<b>Main use</b>	<ul style="list-style-type: none"> <li>- Aviation fuel (JET A1 aviation kerosene)</li> <li>- Fuel for boilers and diesel engines</li> <li>- Industrial solvent</li> </ul>
<b>Risks</b>	<ul style="list-style-type: none"> <li>- Flammable</li> <li>- Toxic by inhalation and ingestion</li> <li>- Hazard to the aquatic environment</li> </ul>
<b>Storage precautions below 25°C</b>	<ul style="list-style-type: none"> <li>- Storage in closed, ventilated tanks</li> <li>- Distance from heat and ignition sources</li> <li>- Grounding of equipment to prevent sparks</li> </ul>
<b>Storage precautions above 25°C</b>	<ul style="list-style-type: none"> <li>- Increased risk of evaporation and ignition</li> <li>- Storage in cool, shaded and well-ventilated places</li> <li>- Increased monitoring of tank levels and tightness</li> <li>- No smoking or use of open flames in the vicinity</li> </ul>

**Above 25°C, storage precautions must be reinforced to limit the risk of evaporation and ignition. These precautions are essential to ensure the safety of kerosene storage and distribution facilities in hot climates.**





# Petroleum – Lubricants

**GPL**  
 Origin : Hors sanction  
 + Optimisation Origin-Destination/Prix/Assurances/Délai  
 Disponibility  test  1 delivery  Monthly   
 Annual   
 Technical Support  INCOTERM & Payment Terms : On request

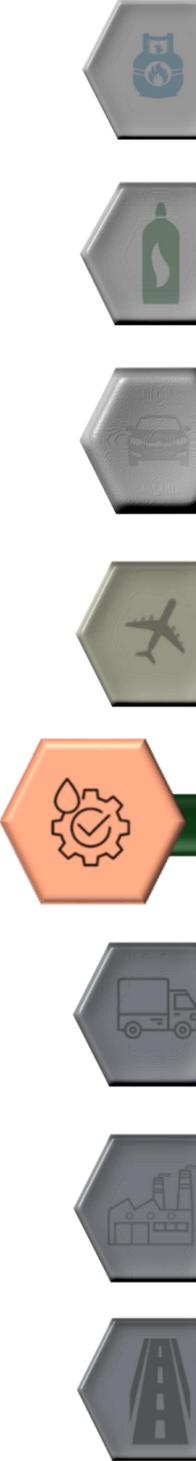
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Type of lubricant	Composition	Key qualities	Advice for use and storage above 25°C
<b>Mineral Oils</b>	<ul style="list-style-type: none"> <li>- Crude oil refining fraction</li> <li>- Primarily composed of aliphatic and naphthenic hydrocarbons</li> </ul>	<ul style="list-style-type: none"> <li>- Good lubrication</li> <li>- Medium oxidation resistance</li> <li>- Relatively low cost</li> </ul>	<ul style="list-style-type: none"> <li>- Increased risk of evaporation and thermal degradation</li> <li>- Monitor tank levels and tightness</li> <li>- Store in cool, shaded and well-ventilated places</li> </ul>
<b>Synthetic Base Oils</b>	<ul style="list-style-type: none"> <li>- Synthetic hydrocarbons, usually polyalphaolefins (PAOs)</li> </ul>	<ul style="list-style-type: none"> <li>- Excellent resistance to oxidation and thermal degradation</li> <li>- Very good fluidity over a wide temperature range</li> <li>- High lubrication performance</li> <li>- Longer lifespan</li> </ul>	<ul style="list-style-type: none"> <li>- Reduced risk of heat degradation</li> <li>- Monitor lubricant condition more regularly</li> <li>- Store in cool, shaded and well-ventilated places</li> </ul>
<b>Lubricating greases</b>	<ul style="list-style-type: none"> <li>- Mixture of base oil (mineral or synthetic) and a thickening agent (metallic soap, polymer, etc.)</li> <li>- Allows lubrication of parts under heavy load</li> </ul>	<ul style="list-style-type: none"> <li>- Excellent resistance to pressure and impact</li> <li>- Protects against wear and corrosion</li> <li>- Improved sealing due to paste-like consistency</li> </ul>	<ul style="list-style-type: none"> <li>- Risk of softening and loss of tightness</li> <li>- Monitor the condition of the fat and its behavior</li> <li>- Store in cool, shaded and well-ventilated places</li> </ul>

Mineral oils are more sensitive to heat and require increased level and tightness monitoring.  
 Synthetic oils are more resistant to thermal degradation.  
 Lubricating greases can soften and lose sealing at high temperatures, requiring special monitoring.  
 The choice of lubricant type and storage precautions depend on the technical, environmental and economic constraints of the application

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# Petroleum – Gasoil

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Petroleum

Mining

Agribiz

Services

RSE and Strategy

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GPL

Origin : Hors sanction

+ Optimisation Origin-Destination/Prix/Assurances/Délai

Disponibility  test  1 delivery  Monthly  Annual

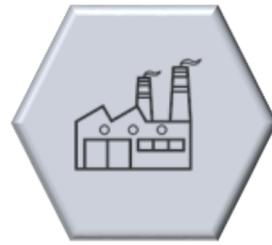
Technical Support  INCOTERM & Payment Terms : On request

Gasoil Type	Composition	Characteristics	Safety instructions above 25°C
<b>Standard Gasoil</b>	Blending of hydrocarbons from crude oil refining	<ul style="list-style-type: none"> <li>- Cetane value &gt; 51</li> <li>- Kinematic viscosity between 2 and 4.5 mm<sup>2</sup>/s</li> <li>- Flash point &gt; 55°C</li> </ul>	<ul style="list-style-type: none"> <li>- Increased risk of evaporation and ignition</li> <li>- Store in cool, shaded and well-ventilated places</li> <li>- Avoid sources of ignition and hot surfaces</li> <li>- Wear appropriate personal protective equipment</li> </ul>
<b>Low-Sulfur Diesel (LFDS)</b>	Same composition as standard diesel, with reduced sulphur content (< 10 ppm)	<ul style="list-style-type: none"> <li>- Cetane value &gt; 51</li> <li>- Kinematic viscosity between 2 and 4.5 mm<sup>2</sup>/s</li> <li>- Flash point &gt; 55°C</li> </ul>	<ul style="list-style-type: none"> <li>- Same instructions as for standard diesel</li> <li>- Avoid contact with skin and eyes</li> </ul>
<b>Synthetic paraffinic diesel (GTL)</b>	Paraffinic hydrocarbons produced by the conversion of natural gas	<ul style="list-style-type: none"> <li>- Cetane Value &gt; 70</li> <li>- Kinematic viscosity between 2 and 4.5 mm<sup>2</sup>/s</li> <li>- Flash point &gt; 55°C</li> </ul>	<ul style="list-style-type: none"> <li>- Lower risk of evaporation and ignition</li> <li>- Store in cool, shaded and well-ventilated places</li> <li>- Avoid sources of ignition and hot surfaces</li> <li>- Wear appropriate personal protective equipment</li> </ul>
<b>Biodiesel (EMHV)</b>	Methyl esters of vegetable oils or animal fats	<ul style="list-style-type: none"> <li>- Cetane value &gt; 51</li> <li>- Kinematic viscosity between 3.5 and 5 mm<sup>2</sup>/s</li> <li>- Flash point &gt; 120°C</li> </ul>	<ul style="list-style-type: none"> <li>- Increased risk of degradation at high temperatures</li> <li>- Store in cool, shaded and well-ventilated places</li> <li>- Monitor fuel condition and replace if necessary</li> <li>- Avoid contact with skin and eyes</li> <li>- Risk of degradation by bacteria under unsuitable storage conditions</li> </ul>

Store fuels in cool, shaded and well-ventilated places to limit the risk of evaporation and ignition.

Strictly avoid sources of ignition (open flames, hot surfaces, etc.) near storage and handling areas. Regularly monitor the condition of fuels, especially for biodiesel, and replace them if necessary in the event of degradation.





# Petroleum – Fuel Oil

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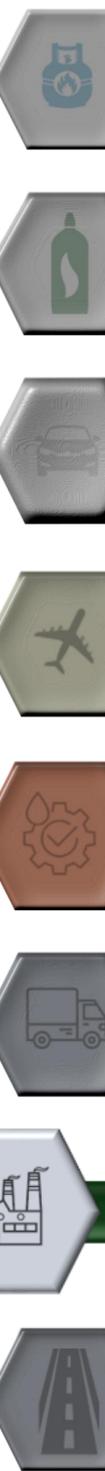
Technical Support  INCOTERM & Payment Terms : On request

Characteristic	Heavy fuel oil
Composition	- Complex mixture of heavy hydrocarbons from crude oil refining
Viscosity	- Very high, typically between 180 and 380 mm <sup>2</sup> /s at 50°C
Density	- High, typically between 0.95 and 1.01
Flash Point	- High, usually above 60°C
Sulphur content	- Variable, up to 3.5% by mass
Usage	- Primarily used as fuel in marine engines and industrial boilers

Safety tips for climates above 25°C:

- Store heavy fuel oil in closed, shaded and well-ventilated tanks to limit the risk of evaporation and ignition.
- Strictly avoid any source of ignition (open flames, hot surfaces, etc.) near storage and handling areas.
- Wear appropriate personal protective equipment (gloves, goggles, protective clothing, etc.) when handling heavy fuel oil.
- Regularly monitor the condition of the fuel and check for contamination or degradation.
- Scrupulously follow the instructions for use and safety
- Have an emergency plan and equipment to fight spills and fires.
- Properly train and equip personnel responsible for handling and using heavy fuel oil.

**BITOL offers admixtures, as well as network systems to optimize the storage and distribution of all distillates, thanks to its expertise in the behavior of hydrocarbons in hot and dry and hot and humid countries**





# Petroleum – Bitumen

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Disponibility  test  1 delivery  Monthly   
Annual

Technical Support  INCOTERM & Payment Terms : On request

Characteristic	Bitumen
<b>Composition</b>	- Complex mixture of heavy hydrocarbons and heterocyclic compounds from crude oil refining
<b>Aspect</b>	- Solid or semi-solid at room temperature, which can be liquefied by heating
<b>Viscosity</b>	- Very high, varying by grade and temperature
<b>Softening Temperature</b>	- Typically between 35°C and 60°C
<b>Flash Point</b>	- High, usually above 200°C
<b>Usage</b>	- Road surfaces, roofs, waterproofing, etc.

**Climates above 25°C:** Store bitumen in closed, shaded and well-ventilated tanks to limit the risk of overheating and degradation + Avoid contact with hot surfaces and sources of ignition.

**Very dry climates:** Monitor the evolution of the viscosity and consistency of the bitumen, which can change with prolonged exposure to dry heat + Consider the use of softer bitumen grades, better adapted to drought conditions + Apply surface treatments to limit premature aging phenomena.

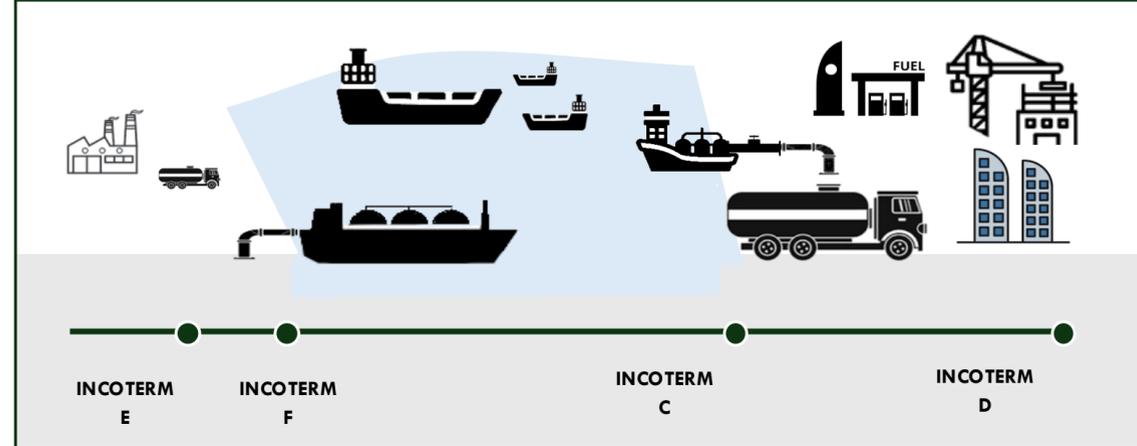
**High humidity climates:** Protect bitumen stocks from ambient moisture to avoid adhesion and compatibility problems with other materials + Regularly check the condition of packaging and storage tanks for water ingress + Adapt application and implementation methods to account for high humidity.

**BITOL offers fixed and mobile technical solutions for on-site management, to preserve your building materials purchased from us or not**



## DELIVERY

### PETROLEUM PRODUCTS SUPPLY



## LOCAL STORAGE



**BITOL Gas Tank Storage at Client Site**  
 Consulting for Fuel and gas Storage

## CLIMATE-RESILIENT PRODUCTS



**Development of Lubricants adapted to Sub-saharian Climates**

**Lubricants under Client Specificities**

Technical Training + O&M

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Delivery and Storage



Bitumen Furnace on worksite

## BITUMEN

Bitumen

Continuous

Replenishment



Technical Advice for Potential Admixtures



**BITOL**

Trading

Mining Operations



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# Mining



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## Strategic metals and minerals supplier

With its expertise in international trading, BITOL has expanded its activities into the mining sector, becoming a major player in the supply of essential metals and minerals.

### Diversified portfolio:

- High-quality, responsibly sourced diamonds
- Lithium, a key element for batteries and green technologies
- Zinc, essential for galvanizing and metal alloys
- Gold, a precious metal sought after for its industrial and financial applications

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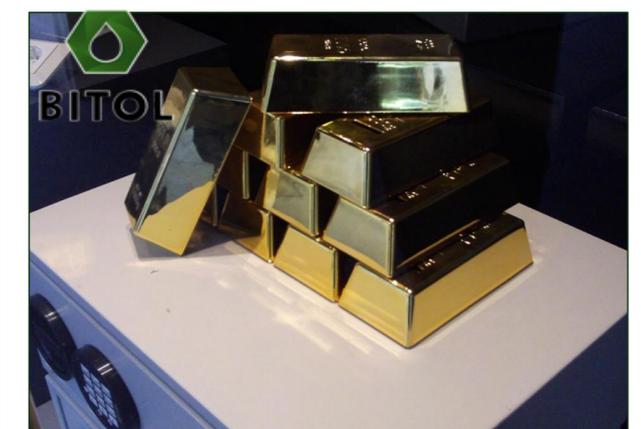
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Mining Operations

## Mining – Mineral Operation

Strategic investments in new mines:

- **Zinc mine rehabilitation project in sub-Saharan Africa to meet growing demand**

Achievement: 02 field missions (report available)

- **Acquisition of a gold mine in Central Africa, to diversify our precious metals offering**

Achievement: 01 project feasibility study

- **Acquisition of a bauxite mine in Guinea as a JV**

Achievement : Negotiation of the partnership

Field mission: site visit and coring



### Value-added services

- Traceability and certification of the ethical origin of products
- Integrated logistics from extraction to delivery to ensure reliable supply
- Expert advice on market trends and technological innovations: from studies to the limitation of environmental and social impacts to the rehabilitation of old sites.



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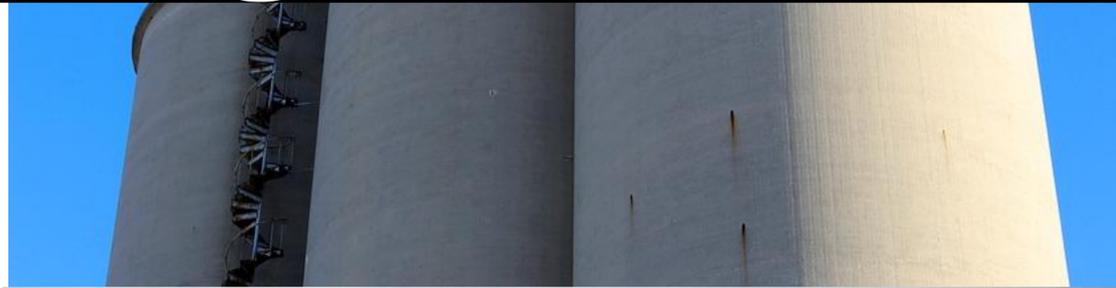
Mining

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# Agribusiness



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**PRODUCTION**

**Palm Oil – Benin**

**Maize – Benin, Guinea**

**Cashew – Benin, Guinea**

**Cowpeas – Ivory Coast**



**PROCUREMENT AND WAREHOUSING**

**Warehouses for bags**

**Trucks Fleet**

**Local Partners in 22 Countries**

Benin-Togo-Guinea-CAR-Angola-DRC-Congo-Senegal-Ivory Coast-Liberia

USA – Brasil

China – Vietnam-Singapor

UAE

England-France-Belgium-Holland-Germany-Kazakhstan



**PROCESSING SUPPORT**

**Calibration**

**Drying**

**Inspection**

**Conditioning**

**Routing**





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Simple Process

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CUSTOMER REQUEST

BITOL'S RESPONSE WITHIN 48 HOURS

NO

YES

DIRECT SUPPLY BY BITOL

INDIRECT SUPPLY BY BITOL: PARTNERS

PALM OIL

Cond. : tank, bottle  
under your brand

Origin: West Africa

SUGAR

Cond. : bulk, bag  
under your brand

Origin: Brasil and

MAIZE

Cond. : bulk

Origin: South America

RICE

Cond. : bulk, bag  
under your brand

Origin: India

VEGETAL OIL

Cond. : tank, bottle  
under your brand

Origin: America, Asia,  
Africa, Europe

OLAM network

PULSES

Cond. : tank, bag  
under your brand

Origin: Africa

UREA

Cond. : tank, bottle  
under your brand

Origin: West Africa

PHYTO PRODUCTS

Cond. : tank, bottle  
under your brand

Origin: Europe



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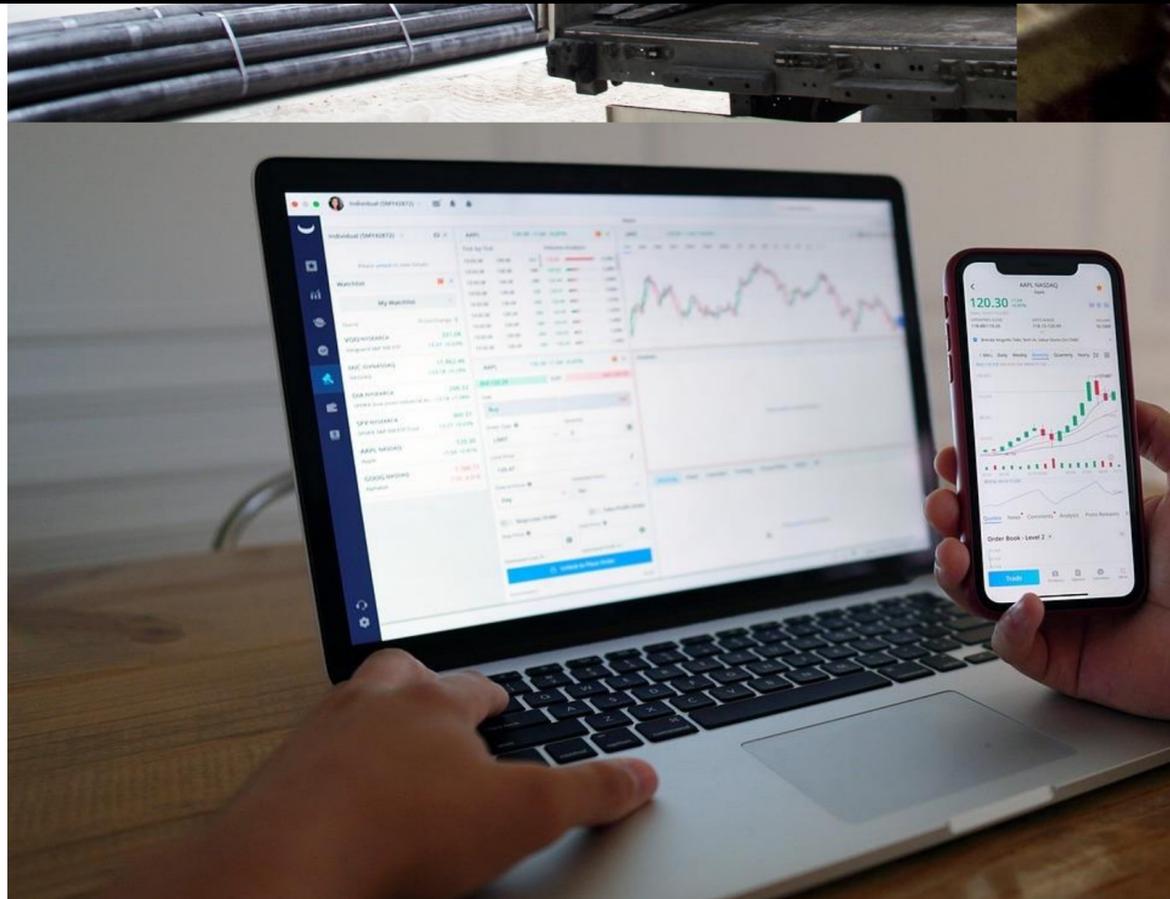
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# Services



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## **ANALYSIS MODULES AND MOBILE LABORATORIES**

ADDED VALUE OF BITOL FOR CLIMATE-RESILIENT INSTALLATIONS ADAPTED TO LOCAL ENERGY AND TECHNICAL CAPACITIES.

Fluid Analysis

Weather station

Air Release Analyses

Soil Testing - Water Testing

Monitoring of seismic activities

Continuous Facility Condition Readings

## **CONNECTED TERRESTRIAL SUPPLY CHAIN**

### **METHANISATION AND ENERGY SAVING**

**SMALL UNIT : SYSTÈME D'ALIMENTATION  
DISCONTINU**

**AND MEDIUM UNIT: CONTINUOUS FEEDING  
SYSTEM AND BATCH FEEDING**

## **CLEANING AND DEPOLLUTION SYSTEM FOR PEDOSOLS AND SURFACE WATER**

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## Intellectual services

- In-depth analysis of market trends, to make the best purchasing decisions
- Expert advice on the technical specifications and properties of lubricants and bitumen
- Support in the optimization of logistics processes, from transport to storage, and the preservation of the integrity of stocks adapted to material and climatic conditions.

## Case Study

### TECHNOLOGICAL RISK PREVENTION PLAN (PPRT):

- Administrative approach and procedures - Extended scope of study: hazards, challenges and spatial competition
- Multimodal transport infrastructure networks and platforms
- Synthetic map of the dynamics of spatial organization and raw zoning
- Design of materials for public consultations and support for technical services in French and English – Mission report and verbatim transcription – Regulatory and technological monitoring



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# RSE and Strategy



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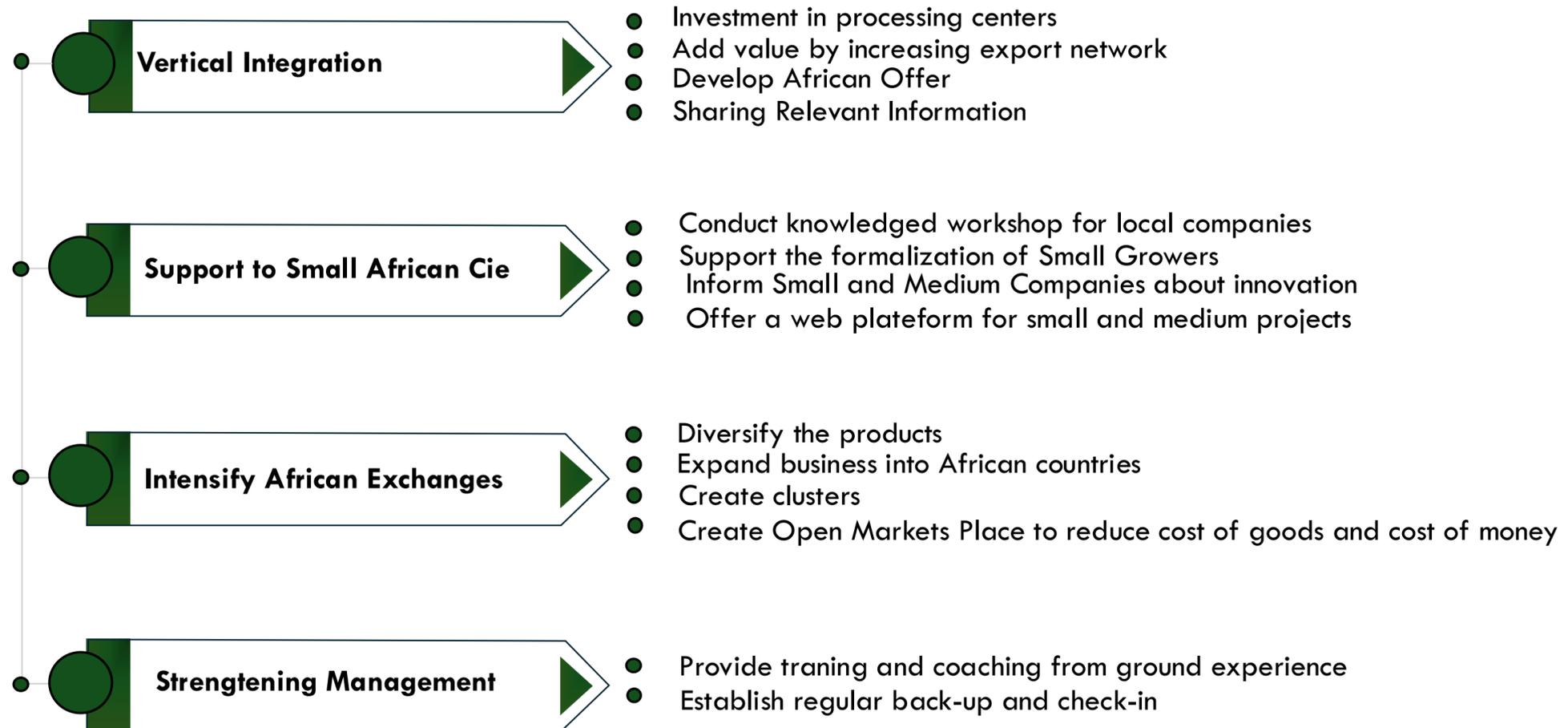
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Global Expansion strategy





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Corporate Social Responsibility initiatives by the Group

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Promotion of a nanofilter system designed for local pollutants

**NANOFILTER GONGALI**

TREATMENT OF RAW WATER FROM DOMESTIC AND RURAL NETWORKS

SDG 6 CLEAN WATER AND SANITATION

The Gongall Nanofilter is certified by the World Organization Health

**PARTNERS**

- ROYAL ACADEMY OF ENGINEERING
- HDIF
- UK Prof. Richard Williams: Birmingham University
- Dr. David Serphie: Bio-Nano Consulting
- HERIOT WATT UNIVERSITY
- HANYANG UNIVERSITY
- PURDUE UNIVERSITY
- e3empower
- globalgiving
- ANS LE
- KIVA
- loans that change lives
- IOP
- Global Sustainable Partnerships
- MANDELA WASHINGTON FELLOWSHIP FOR YOUNG AFRICAN LEADERS
- FOUNDER-CENTRIC
- TAHUDE FOUNDATION
- Primary Schools For Africa
- Microsoft

Technical support of the JIPET association for capacity building of African executives in urban and rural communities with a focus on youth



Free technical support for the implementation of OHADA and ICC recommendations. Promotion of ARDA.





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