

FISUEL SEMINAR

From the 13th to 16th of October 2025 Dakar

Theme: securing indoor electrical installations in Guinea

CHALLENGES, PERSPECTIVES AND ISSUES



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1. Presentation of DIAKELEC

Company profile

Founded: 2009 by Mr. DIAKITE
Algassimou

Location: Ratoma Centre, Conakry,
Republic of Guinea.

Field: Electricity (distribution and
services).

Staff: 25 permanent and 45 external
collaborators.

Key business sectors

Technical studies

Installation of:

MV/LV networks

Generating sets,

UPS

Lightning rods.

Maintenance of electrical equipment.

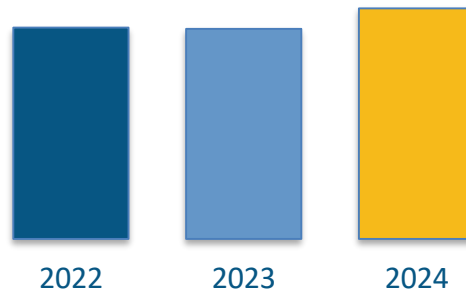
Audit & consulting

2. Financial performance

Revenue increased from 34.9 billion GNF in 2022 to 38 billion GNF in 2024, a progression of about 9% over three years, reflecting regular and **controlled growth** of the business.

Note: 1 USD $\approx$ 9,620 GNF

Year	Revenue (GNF)	$\approx$ USD
2022	34 869 478 106	3,67 M
2023	34 638 358 157	3,65 M
2024	38 007 731 135	4,00 M



3. Partnership and Collaboration

DIAKELEC collaborates with international manufacturers to guarantee quality and expertise:

Legrand & Schneider Electric

Control, protection equipment, devices and UPS.

Nexans

Supply of high-quality cables and transformers.

These collaborations include knowledge exchange and regular training for staff and artisan electricians.

4. Training Workshop

As part of our partnerships, DIAKELEC organized several training sessions with our international experts to upgrade our electrician artisans



5. Training overview

Practical learning

Participation in interactive sessions and practical exercises to consolidate knowledge.

International expertise

Acquisition of international expertise in the field of professional training.



6. Safety of indoor installations

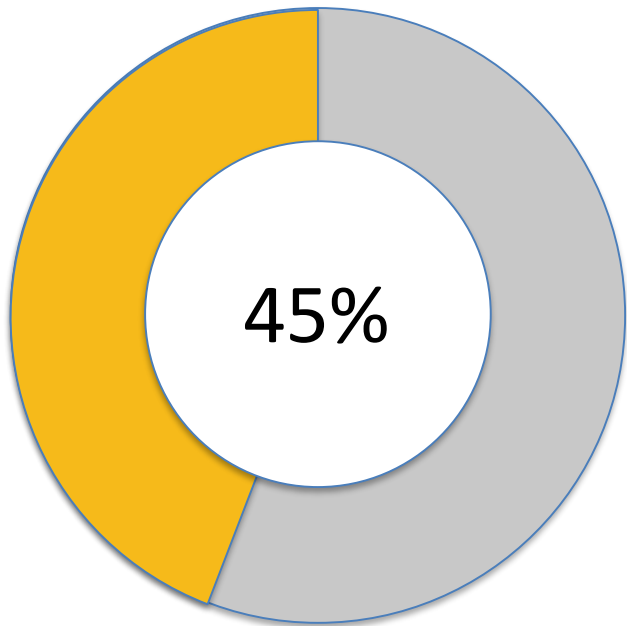
Electricity is indispensable, but poorly controlled it becomes an unpredictable danger with dramatic consequences.

Ensuring the safety of indoor installations is essential to protect people, property and infrastructure reliability.

In Guinea, building fires linked to electricity cause devastating material and human losses, calling for collective awareness.

7. Electrical fires

According to the Directorate General of Civil Protection (DGPC)



Approximately 250 to 400 fires per year over the last four years.

40 to 50% of fires in Conakry are attributed to electrical problems. This underlines an urgent need to improve infrastructure and urban electrical safety standards.

8. Creation and missions of SECURELEC

In response to the resurgence of building fires in Guinea, DIAKELEC has initiated an ambitious technical project to drastically reduce these incidents and protect the population.

Control & certification

Certify installations
before installing the
meter.

Audit & consulting

Audit and consulting
services for electrical
installations.

Training

Upgrade artisans to
international standards.

9. Main challenges of SECURELEC

Regulatory challenge

Non-compliance with current electrical standards.

Human challenge

Artisans not trained to international standards and limited awareness of risks.

Technical challenge

Frequent use of poor-quality electrical equipment.

Institutional challenge

Lack of effective coordination between public and private actors.

10. Perspectives & strategic issues

SECURELEC perspectives

- Make inspection & certification mandatory before meter installation
- Adopt a national framework based on international standards (e.g., NF C 15 100)
- Train & certify artisan electricians
- Create an accredited control body

Major stakes

- 1 Preserve infrastructure
- 2 Reduce accidents & fires
- 3 Safety of people & property

11. Action plans

1

Government advocacy

Make inspection and compliance certification mandatory before installing any meter.

2

Training and upgrading

Train electrician artisans to international standards and raise awareness of the dangers of non-compliance.

3

FISUEL partnership

Strengthen collaboration with other member entities of FISUEL.

12. Expectations

SECURELEC expectations of FISUEL

- Support in training engineers and technicians
- Assistance in acquiring specialized equipment and work tools
- Support for the implementation of standardized work materials



13.Conclusion

Electrical safety is a fundamental pillar of sustainable development.

Thanks to DIAKELEC's expertise and the creation of SECURELEC,
Guinea can become a regional model for electrical safety and compliance.

Closing Seminar

MERCI – THANKS

