



Fisuel Seminar – 15-16 of October 2025

Dakar – Senegal

**SECURING THE ELECTRICAL NETWORK OF
MARKETS AND SHOPPING CENTERS IN
SENEGAL**

Seminar – 15 and 16 October 2025

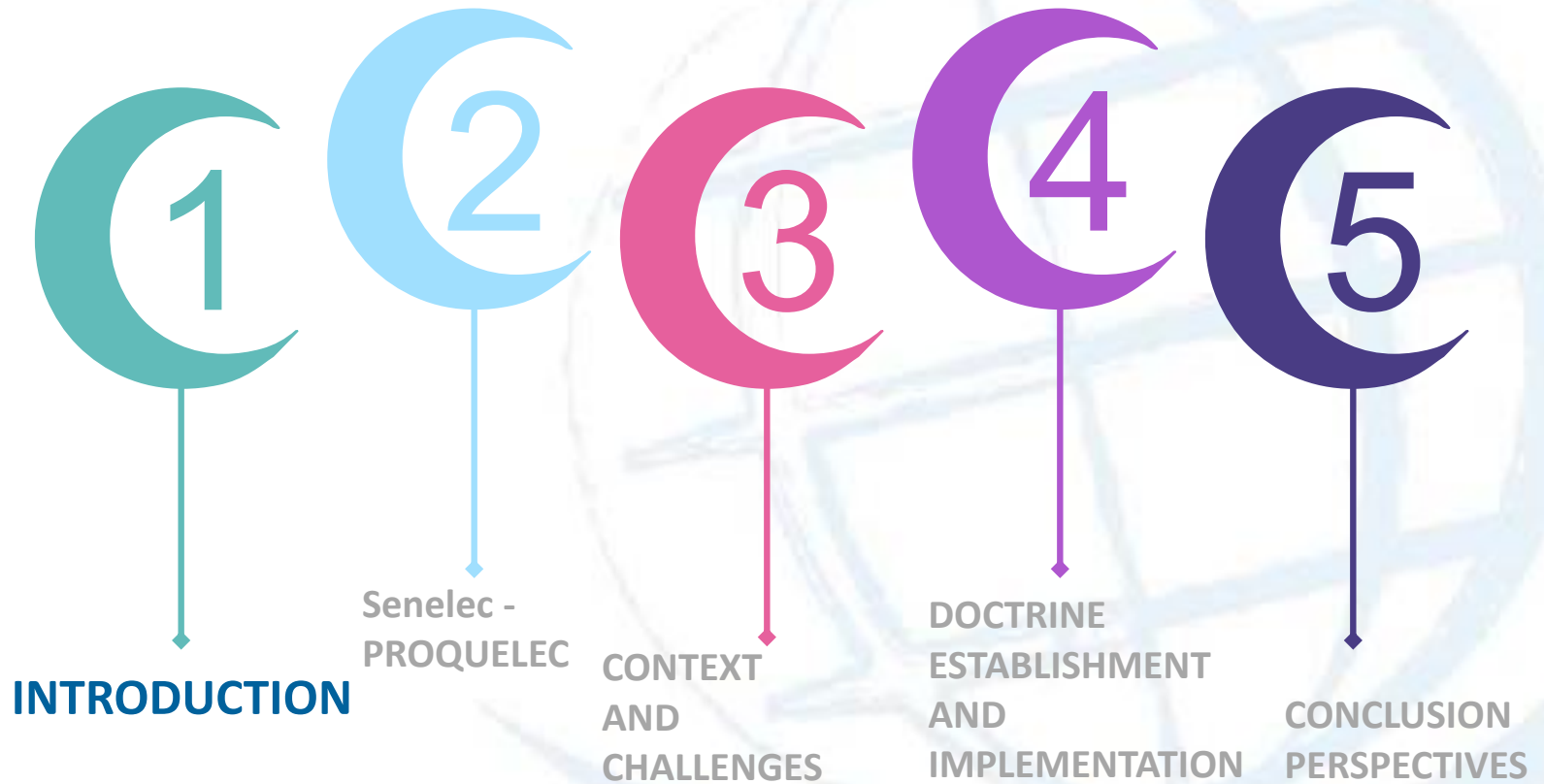
SECURISATION DU RESEAU ELECTRIQUE DES MARCHES ET CENTRES COMMERCIAUX AU SENEGAL

AG de la FISUEL

Du 13 au 16 octobre 2025 à Dakar

**Présentée par :
Mme Fatimatou GUEYE
Chef de Département Normalisation
et Qualité de Service
Senelec**







Anarchic installations



**Non compliant installations
High risk of non technical losses**





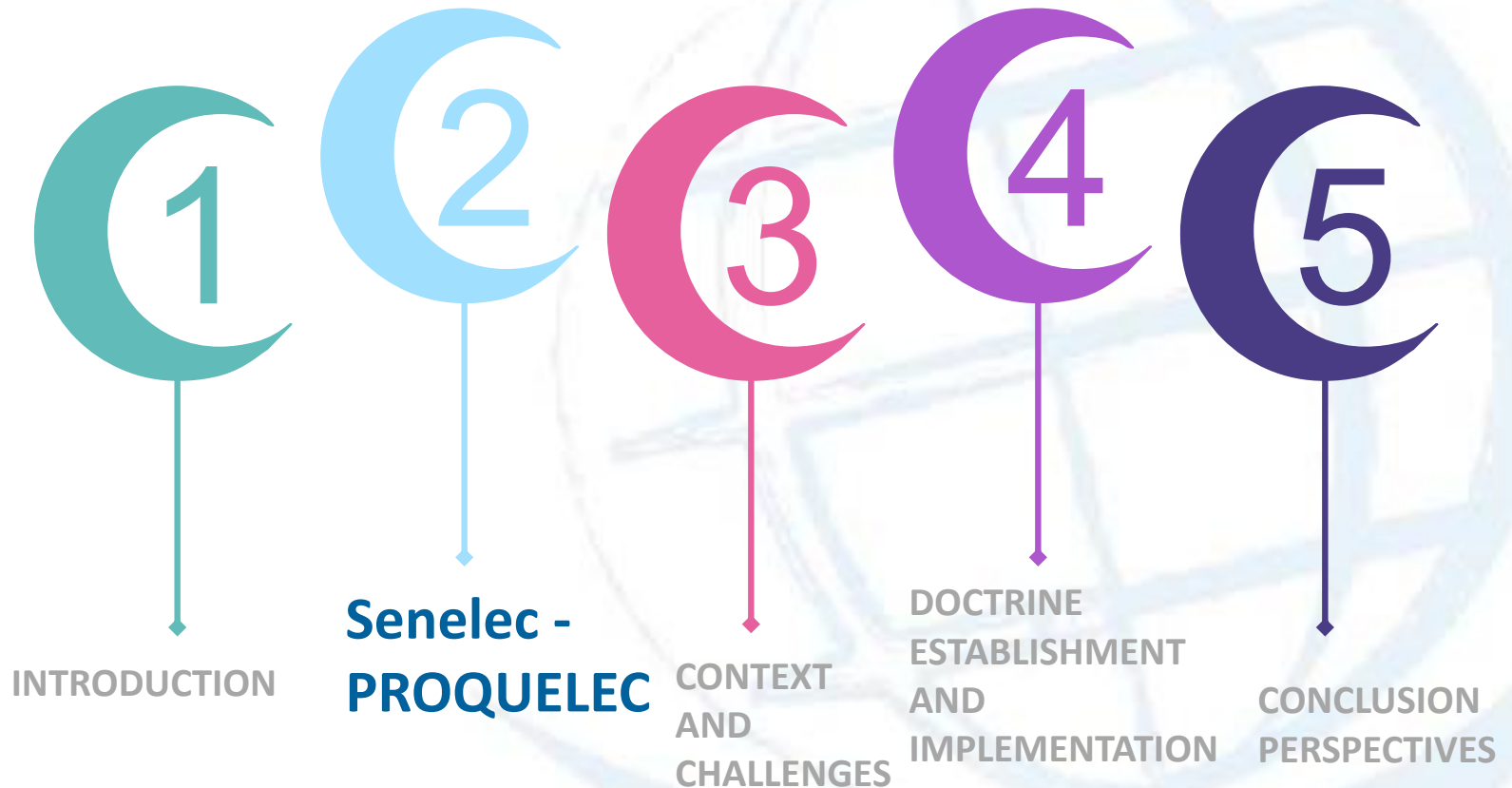
**Material damage
Huge losses**

INTRODUCTION

Markets and shopping centers are public buildings (ERP).

Faced with the fires and uncontrolled installations observed in these sites, Senelec, in partnership with Proquelec, have joined forces to develop standards to ensure the safety of electrical installations through the use of appropriate equipment.

This is a requirement of the Senegalese government, as these ERPs play an important role in the country's trade and economic life.



Senelec-PROQUELEC

Senelec - senegalese national company responsible for generation transmission distribution of electrical energy

Proquelec is an associative organization whose main goal is to promote the quality of equipment and interior electrical installations in Senegal

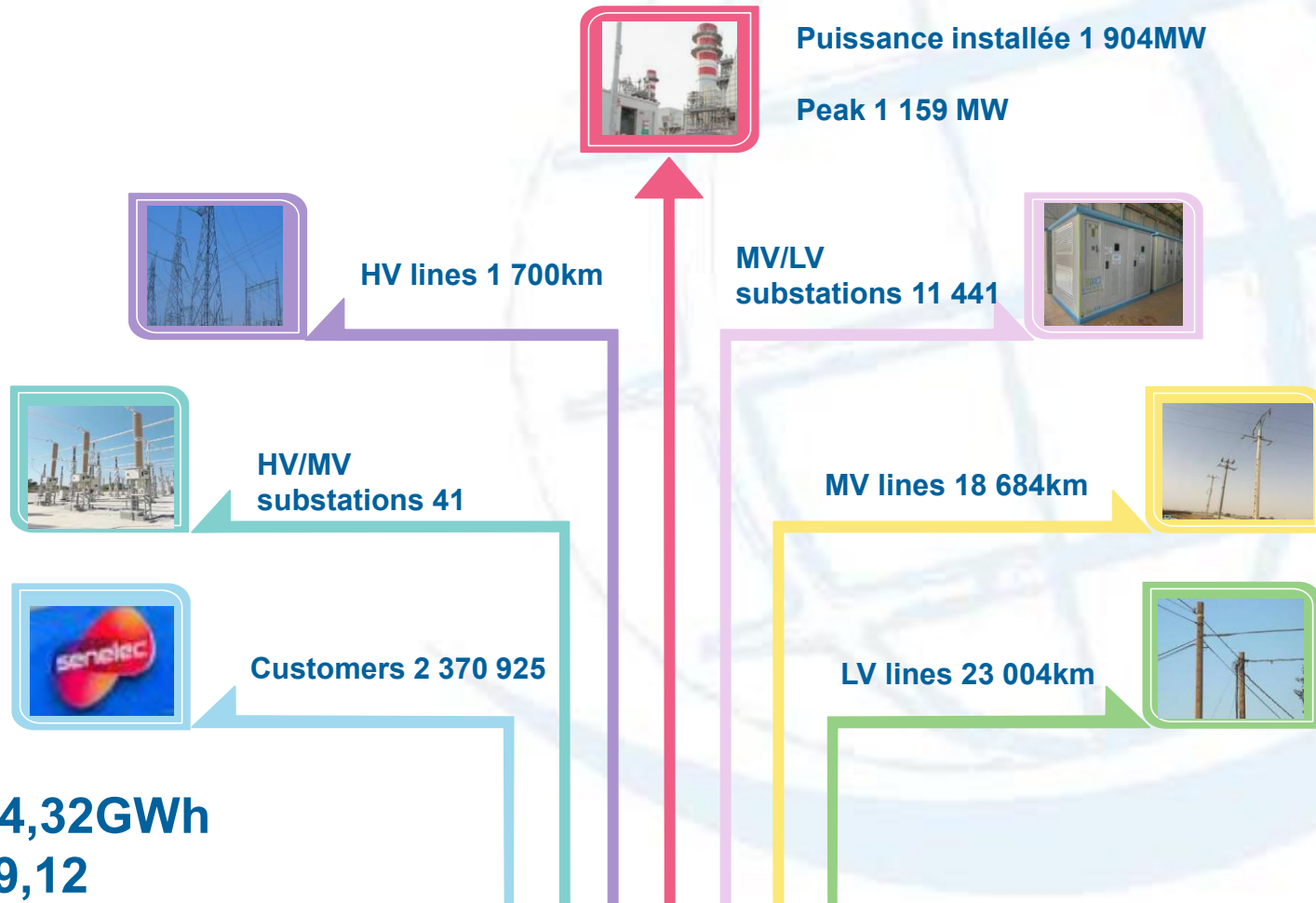
Senelec

Standardization of electrical equipment
Development of standards
Provide energy in sufficient quality and quantity at the lowest cost

Proquelec

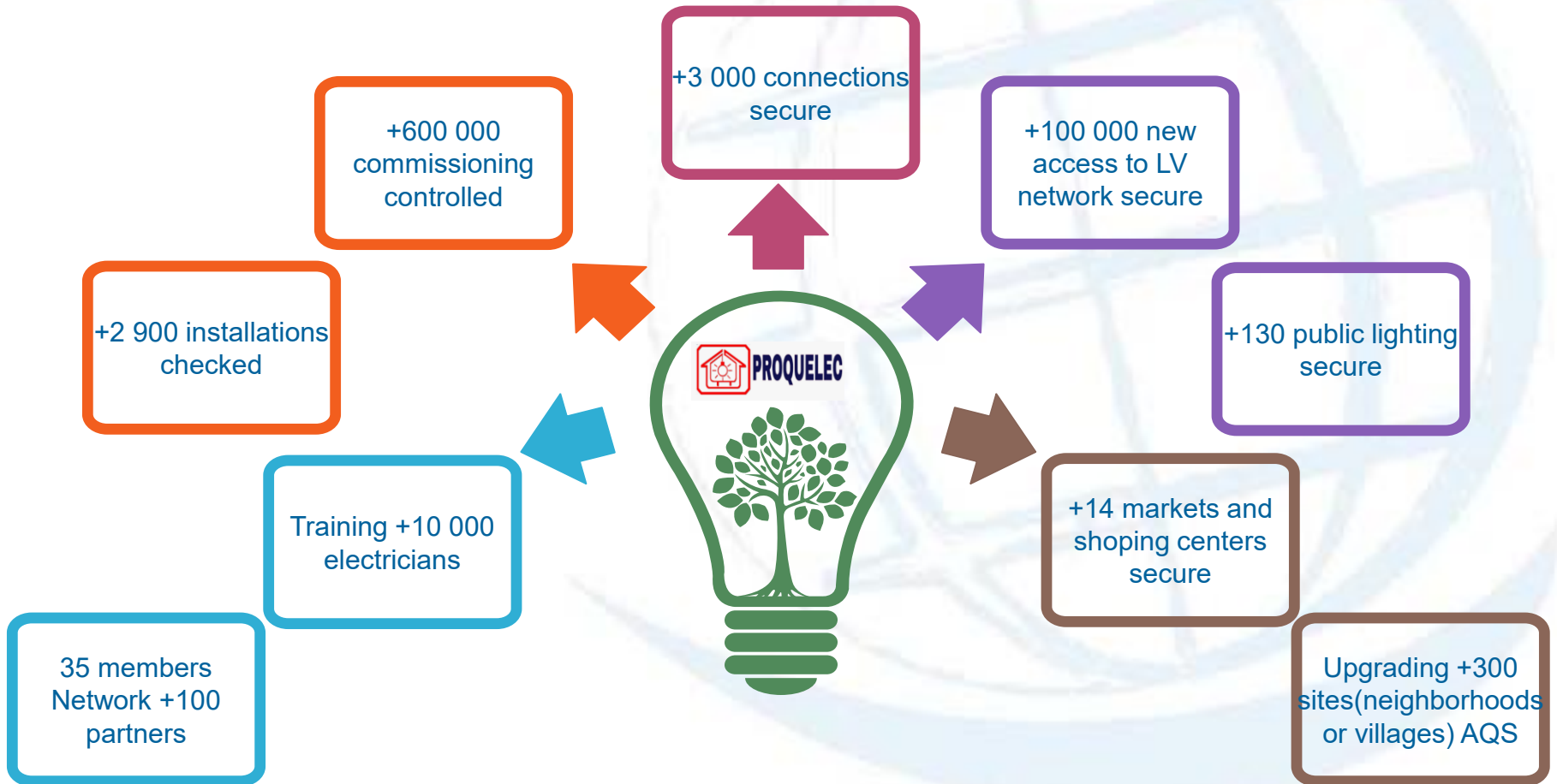
A non-profit association
Recognized as being of public utility, it works for the security of populations, property and infrastructure

Senelec-PROQUELEC



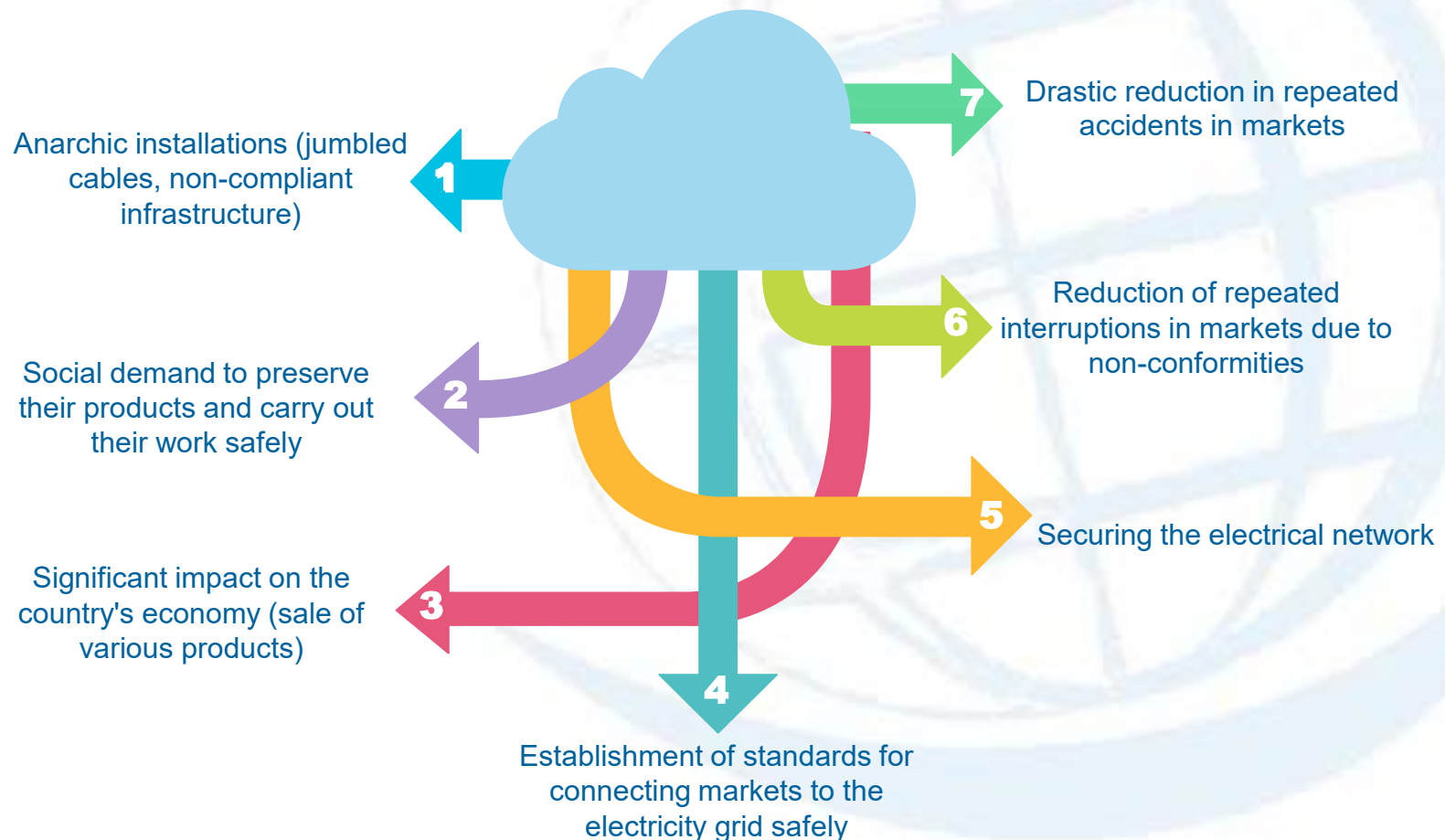
END : 14,32GWh
SAIFI : 9,12
SAIDI : 6h40

Senelec-PROQUELEC





CONTEXT AND CHALLENGES

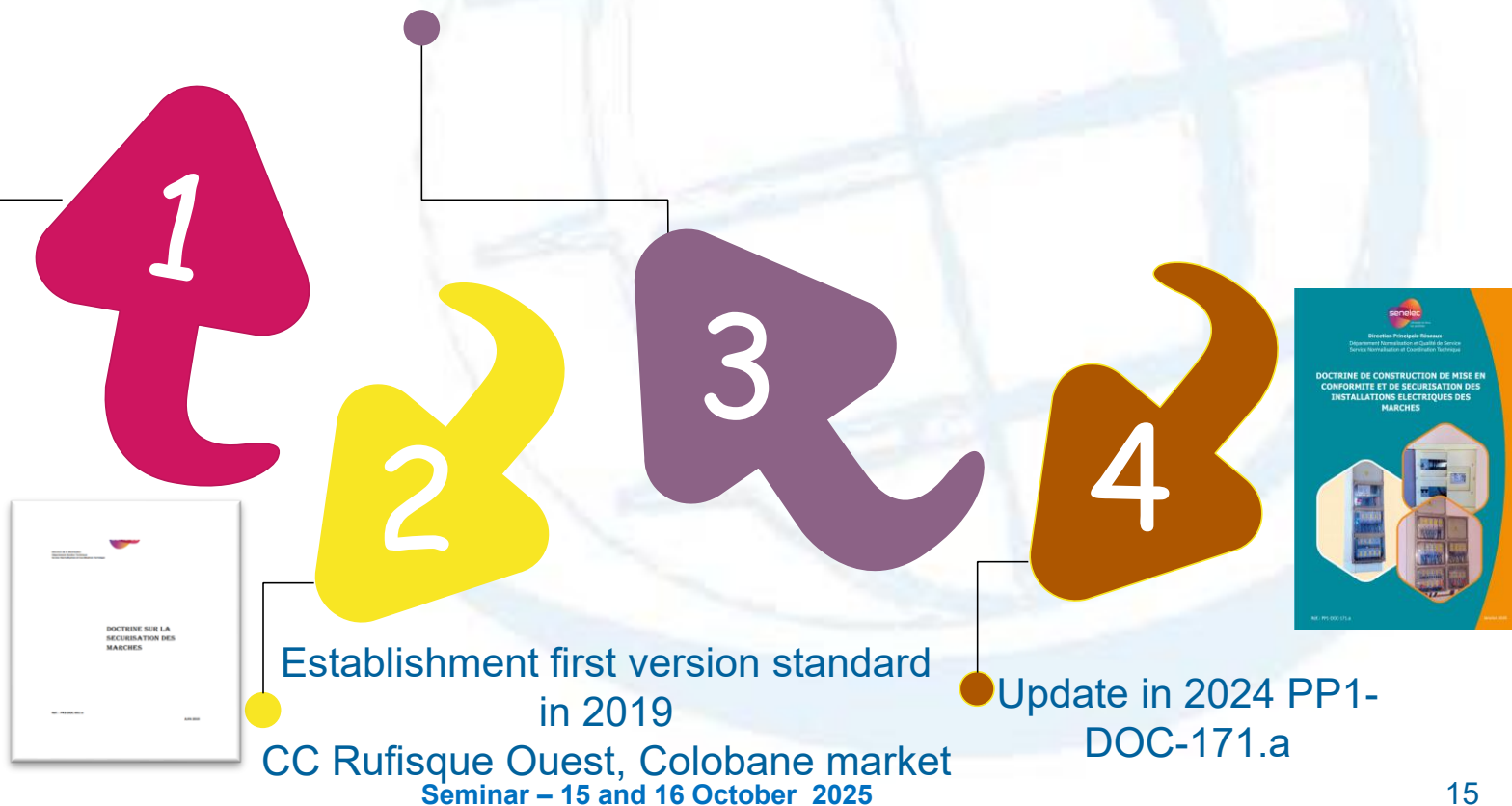




DOCTRINE ESTABL & IMPL

Pilot phase at Liberté
6 extension market
in 2017

Implementation in current
projects (20 000 stores)



DOCTRINE ESTABLISHED & IMPLEMENTED



Sizing of electrical power per store, sizing of cables, boxes to be installed, identification (supply from an underground or overhead network), Public lighting



Installation and connection of equipments
Tender 20 000 stores to be secured



Verification of the conformity of the work with the studies

DOCTRINE ESTABLISHED & IMPLEMENTED

Liste des marchés :

- SC Al Islam
- SC Babacar SY
- SC Dabakh
- SC Médina Baye
- Market HLM
- Market Mbabasse
- Market PA U11
- Market Waranka
- Market Ndoumbe DIOP Diourbel
- Market Nguelaw
- Market Ocass Touba
- Market Central de Thiès

**+ 11 000
stores of
SC&markets
studies**

**+ 6 000
stores of
SC&markets
control**



ECP



Sectionnement Protection Colonnes Multiples
Multiple Column Protection Sectioning



Distributeurs d'étage
Floor distributors



Coffret regroupement branchements
Connection grouping box

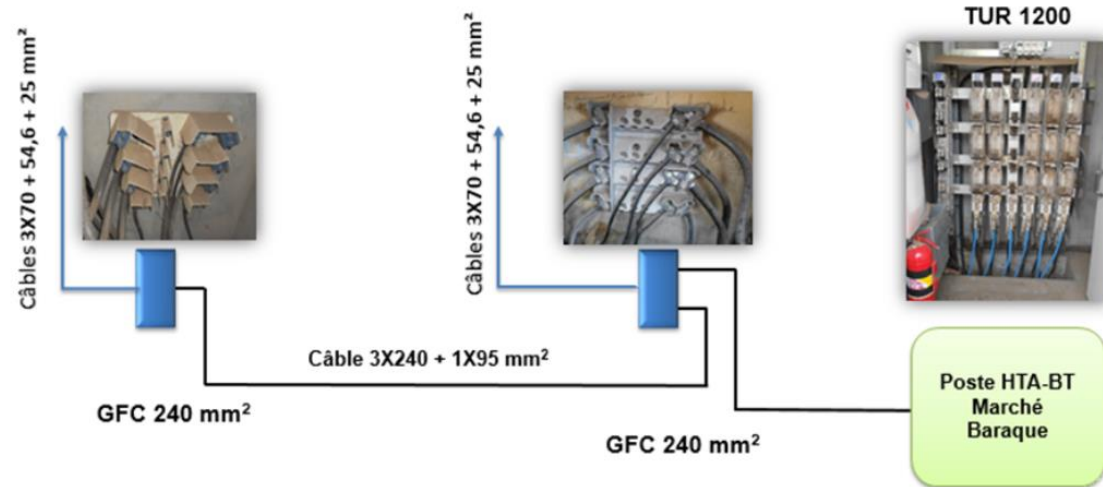


Coffret regroupement compteurs
Meter grouping box

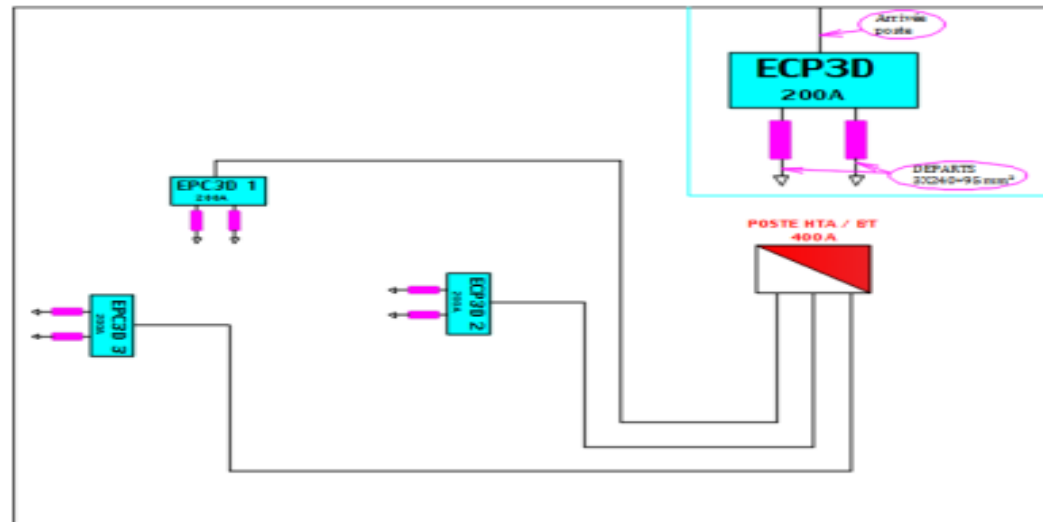


REMBT

Before



After





CONCLUSION - PERSPECTIVES

**SECURE MARKETS
WITH A QUALITY
ELECTRICAL
NETWORK**

Sharing standards at all levels with all stakeholders

Module : Senelec training center for service providers involved and electricians

Upgrading infrastructure of markets (shopping centers)

Funds : to increase the number of markets to be brought up to standard

Monitoring-evaluation standard





THANKS FOR YOUR ATTENTION



GOAL:
Ensuring
the safety
of electricity
users

Closing Seminar

MERCI - THANKS

