



BRIDGING AFRICA AND EUROPE: NEW QUALIFICATIONS AND COMPETENCIES IN TVET

Online Conference

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About CERMI

- CERMI-Centre for Renewable Energy and Industrial Maintenance is a public entity, under the supervision of the ministries of Energy, Finance and Vocational Training
- **Inaugurated in March 2015**, funded by the Luxembourg Cooperation
- **Mission:** Promote transfer and dissemination of knowledge in renewable energy, energy efficiency and industrial maintenance, to be the operational arm of the government in the implementation of energy policies
- **Vision:** To be an international reference Centre for the African market (ECOWAS, PALOP) for training, certification, audit, consulting, research and innovation



About CdC 3C



CENTRO COMPETÊNCIAS CABO VERDE
Energias Renováveis e Manutenção Industrial

**High Quality and high level
Professional Training
Energy Efficiency Business and
Innovation**



The Cabo Verde Competence Center (CDC 3C) is a private company in Cabo Verde, resulting from an innovative partnership between an EPE-public company, the Center for Renewable Energies and Industrial Maintenance (CERMI) of Cabo Verde and a private GIE (groupement d'intérêt économique) the Centres de Compétences Génie technique du Bâtiment (GTB) of Luxembourg.

CdC 3C vs. CERMI

Market positioning



CLIENTS

Industry; Private sector

TRAINING

Pedagogical Engineering; Consultancy;
Continuous training level 4-7; specialized
training in collaboration with universities;
international trainings.

SERVICES Engineering & EE

Industry; Private sector;

SERVICES Innovation

Consulting and capacity building for the public
and private sector

Certification & Metrology

Consultancy



CLIENTS

Public sector

TRAINING

Focus on initial professional training

SERVICES Engineering & EE

Dedicated to the public sector

SERVICES Incubation

Support for the creation and development
of companies

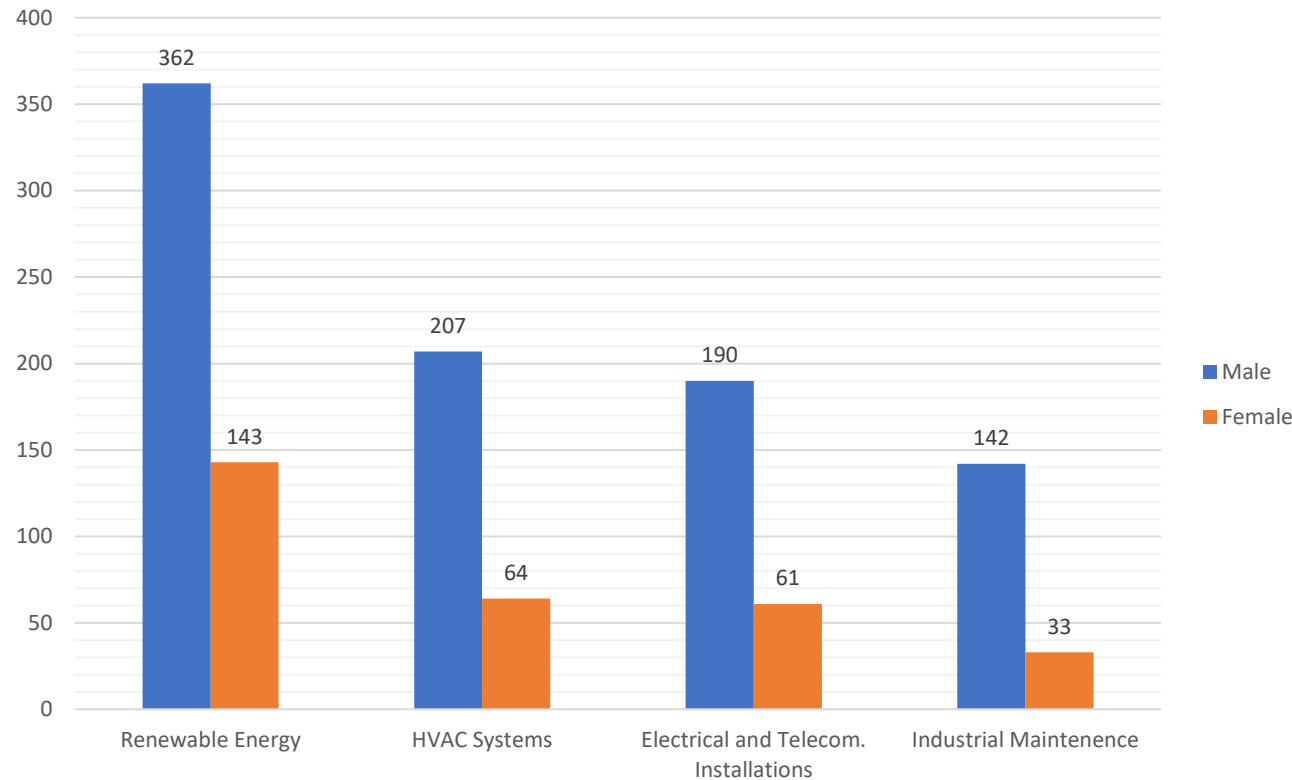
Certification & Metrology

Conformity Assessment Body (CAB);
OMV Statute

Some facts from CERMI

Some CERMI activities and numbers - initial training

Main Initial Training Areas



1,202 Trainees

4

TRAINING AREAS

Renewable Energies (Solar Thermal; Photovoltaic; Wind)
HVAC Systems
Industrial Maintenance
Electrical and telecommunications installations



75% Male

901 Male trainees

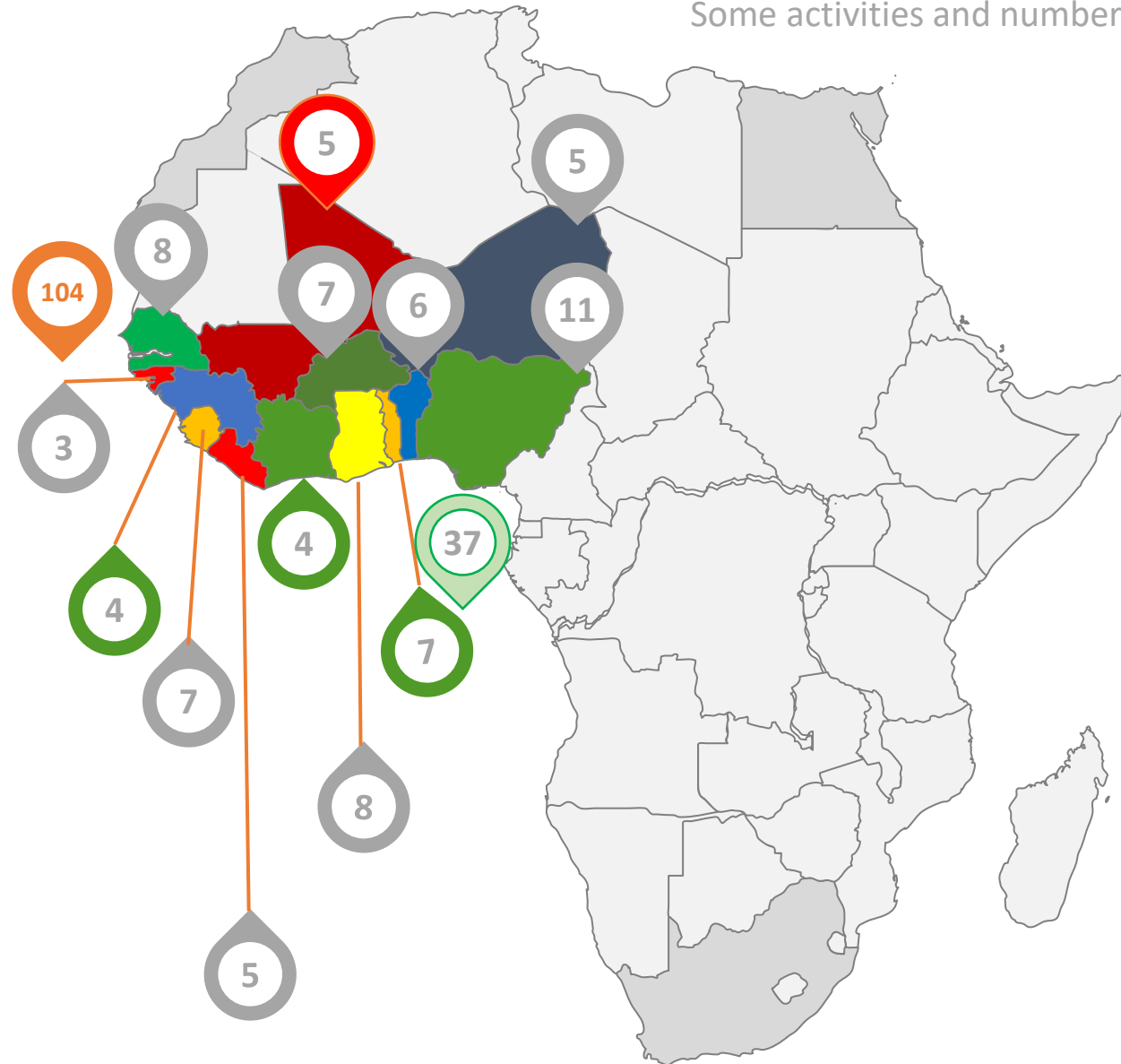


25% Female

301 Female trainees

Some facts from CdC 3C

Some activities and numbers of the CdC 3C – specialization training



221 Trainees

89% level of participants satisfaction

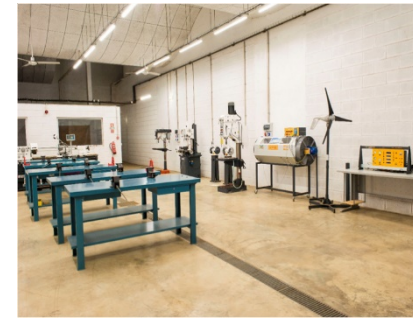
7 TRAINING AREAS
Solar Thermal; Photovoltaic
Energy efficiency
Welding; Machining
Project management
SHST

3 Languages
Trainings in English, French, Portuguese

17 different nationalities
At least 17 nationalities from the continent were present at the CoC 3C activities (15 ECOWAS countries plus Mauritania and STP)

Our facilities

7 technical training workshops: Mechanics, Welding, Automated and Electronic Systems, Wind Energy, Refrigeration and Air Conditioning, Photovoltaic Energy and Solar Thermal



Our green building

- 150 kWp - PV solar
- 7kWp - Wind turbine
- 4.5 kWth Solar Thermal
- Sustainable construction
- Energy efficient building
- Intelligent building
- Autoproducer: 40% ER
- 2015-2021 production: 1,01 GWh



997,30 MWh



13,7 MWh



GAIA PROJECT

Collaborative platform for the creation
and distribution of educational content

Creation of multilingual (pt-en-fr) educational content



Job referential



Initial training cursus



Training referential



Training program



Training catalog

Collaboration platform



Users with different profiles can connect to the platform and edit educational content



Editor profiles can review productions, request changes and then validate content



Administrators can manage the different users and their rights

Distribution of contents



The contents are stored in a cloud accessible directly from the internet browser



Administrators can manage content access permissions



Users can download pdf documents

Some advantages



Multilingual solution
(en-pt-fr)

Job referential based
on the European
Qualification
Framework

Cursus can be easily
composed by modules

Each module (training)
can be easily credited
with both European
Credits and Cabo
Verde credits

Each document can be
print on screen or in
PDF

Each document can be
easily updated
regarding the
professional sector
evolutions

THANK YOU
FOR
YOUR ATTENTION

+



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