



Supporting training and professional integration in Côte d'Ivoire's ICT, sustainable construction and renewable energy sectors

Project implemented from: March 2022 to Dec. 2024
 Sectors: Sustainable construction, renewable energies, ICT
 Agency: Expertise France



Opportunity

The **construction sector** in Côte d'Ivoire is developing rapidly, with annual growth rates of 26%. This development is fuelled by rapid urbanisation and strong demographic growth, particularly in Abidjan, where the population has doubled in 15 years. Consequently, there is an increasing demand for modern and sustainable infrastructure to align with the country's goals for **sustainable development**.

Côte d'Ivoire is also focusing on **renewable energy** production, maintenance, and services, in line with the country's objectives and evolving labour markets. The National Renewable Energy Action Plan is leading the way for this development,

resulting in a higher demand for professionals with expertise in renewable energy.

In addition, **Information and Communication Technologies (ICTs)** are a key driver of the Ivorian economy. The Ministry of Digital Affairs has put in place an ambitious programme to make them an essential pillar of development, by investing massively in digital infrastructure, training and start-ups to create job opportunities.

To support these developments and reap the economic benefits, relevant skills need to be developed in the various construction, renewable energy, and ICT sectors. VET Toolbox addresses these skills gaps to unlock **employment opportunities**.



Achievements

VET Toolbox is working with public and private partners to create an environment conducive to local job creation and future investment in sustainable construction and the ICT sector. In particular, the project has achieved to:

- Set up a **public-private dialogue (PPD)** platform at the national level (steering committee) and two **operational sectoral technical workshops** bringing together public and private sector players to identify their skills needs along with 260 concrete job opportunities in the sustainable construction sector and 240 in the ICT and renewable energies sector.
- **Build the capacity** of the project's partner training centre managers in performance

management, and of the project's private and public partners in identifying skills needs and training engineering.

- Develop **flexible and modular dual training programmes** in Scandinavian plumbing, masonry, bioclimatic construction, web development, remote management, and solar energy.

Key targets



500 people trained

375 graduates employed



Private partners

VET Toolbox works closely together with companies to identify the need for technical skills and 'soft skills', participate in the development of training modules, in-company and onsite training with the provision of tutors, and in the training of trainers in partner centres. Companies also provide technical equipment and materials, and employ trainees on completion of their training.

- **Sustainable construction:**
 - **Messibat International** is a French company developing sustainable construction solutions in Africa.
 - **OHEL International** is a leading company in Côte d'Ivoire in the BTCS (Compressed and Stabilized Earth Block) construction system.
 - **PSOLES** is an Ivorian-based company with a monopoly in Scandinavian plumbing.
 - The **Bingerville Chamber of Trades** is an association of craftsmen.
- **Digital/renewable energy:**
 - The **French Tech** is an association bringing together a community of French tech entrepreneurs based in Abidjan.
 - **Lynays Entreprises** specialises in renewable energy in Côte d'Ivoire.
 - **Africa Project Management** specialises in DRIVE TEST* training.
 - The **Chambre Régionale des Métiers du District des Savanes** is a regional association of craftsmen.

Public partners

- The **Ministry of Technical Education, Vocational Training and Apprenticeship (METFPA)** is part of the national PPD platform and is contributing to the project via "L'école de la deuxième chance", an employment and integration programme that collects companies' skills needs for the project.
- The **Conseil National des Branches Professionnelles (CNBP)** is developing an electronic consultation platform to provide up-to-date sector information that is attractive to new foreign and domestic investors.
- The **Agence Emploi Jeunes** selects the beneficiaries and sits on the steering committee of the national dialogue platform.



*DRIVE TEST training teaches engineers how to carry out mobile network tests in equipped vehicles to assess signal quality and network performance.

VET providers

Five training centres, the *Centre de Perfectionnement aux métiers du bâtiment (CPM Bat)*, the *Centre d'Électronique et d'Informatique Appliquée (CELIA)*, the *Centre Multi Sectoriel Mohamed VI*, the *École Supérieure Africaine des TIC (ESATIC)* and the *Institut National Polytechnique Félix HOUPHOUËT-BOIGNY (INP-HB)* provide beneficiaries with theoretical training. These centres are working with private companies to write and update training modules and implement dual training approaches. They are experimenting with a light information and guidance system on sustainable construction and ICT occupations. In addition, the centres are benefiting from capacity-building activities, with the training of trainers in VET centres, to guarantee the quality of the training on offer.



Key success factors

- The setting up of a **sectoral PPD** at the operational level/technical working group complements the national structure and helps to identify each company's needs in terms of skilled workforce.
- **Short, modular training courses** providing a flexible, rapid response to the specific skills required by businesses.



Upscaling and sustainability

- The platform for **PPD** at national level (steering committee), as well as two operational sectoral technical workshops, has the potential to be sustainable and transposed on a larger scale.
- Several training centres will continue to implement the **training modules** developed in collaboration with METFPA and the private sector.
- The training companies will continue to provide **dual training courses**: PSOLES for Scandinavian plumbing, OHEL International for BTCS masonry, Messibat for bioclimatic construction, Lynays for renewable energies, and Africa Project Management and French Tech companies for TICS.



VET Toolbox is a programme developing opportunity-driven skills development initiatives aligned with investments' needs, supporting the private sector with local job creation. For additional information, please visit www.vettoolbox.eu.

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A partnership project