

PTB project “Metrology for Digital Transformation – International Cooperation” CABUREK Global Program

Working Group: WG 1 - Digital Transformation Strategy
National project title: Optimizing Metrology Services through Digital Transformation
National Metrology Institute: ATOMET Togolese Metrology Agency

Coach: CENAMEP, Republic of Panama

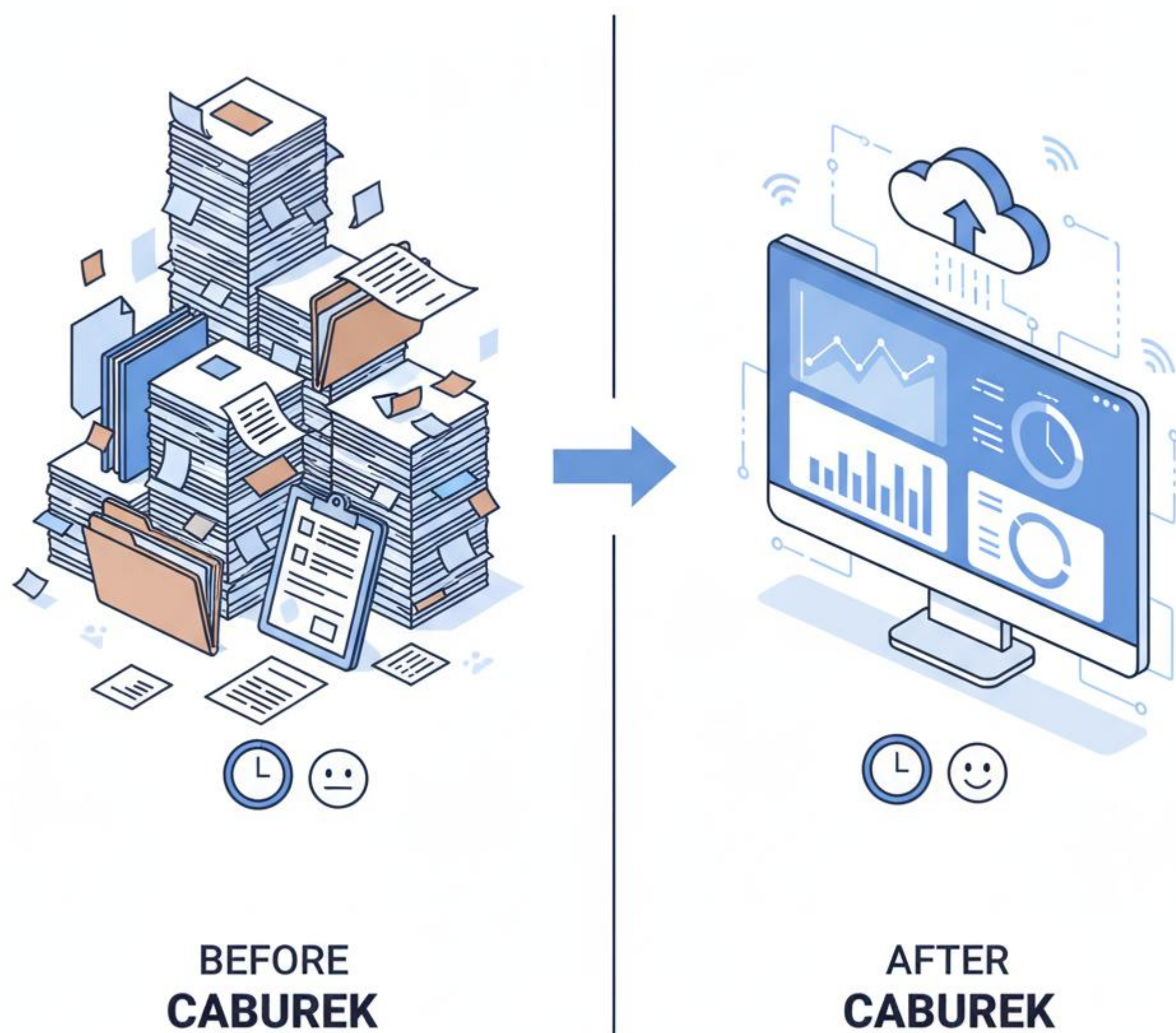
Importance of Metrology for Digital Transformation

Metrology ensures accuracy, traceability, and trust in all digital systems from manufacturing to health and energy. Digital transformation strengthens metrology by enabling data-driven measurement, remote calibration, and automation. Together, they create reliable, transparent, and globally compatible quality infrastructure.



Before CABUREK, ATOMET was at ground zero regarding digitalization. All processes were paper-based, from inspection to certificate delivery, leading to delays and customer dissatisfaction.

STARTING POINT: PAPER-BASED VS. DIGITAL



To enhance the efficiency and responsiveness of metrology services by implementing digital solutions that enable seamless and effective handling of partner and customer requests

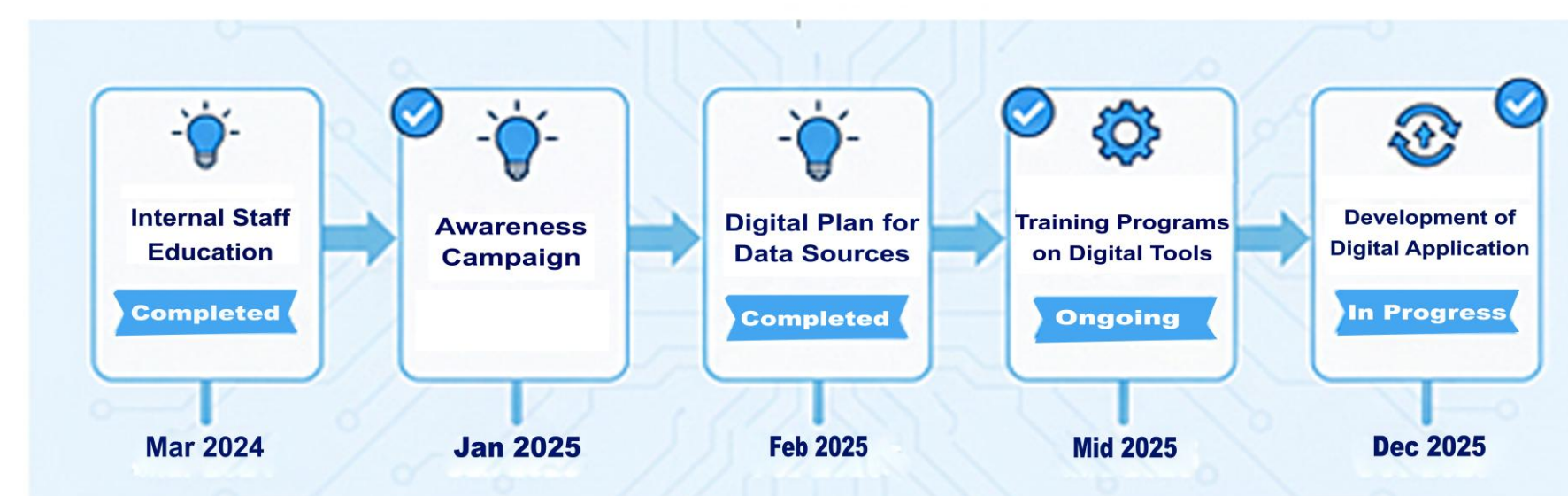


Implementation And Activities

Objectives

1. Promote awareness and readiness for digitalization acceptance.
2. Develop a digital platform to manage manual processes.

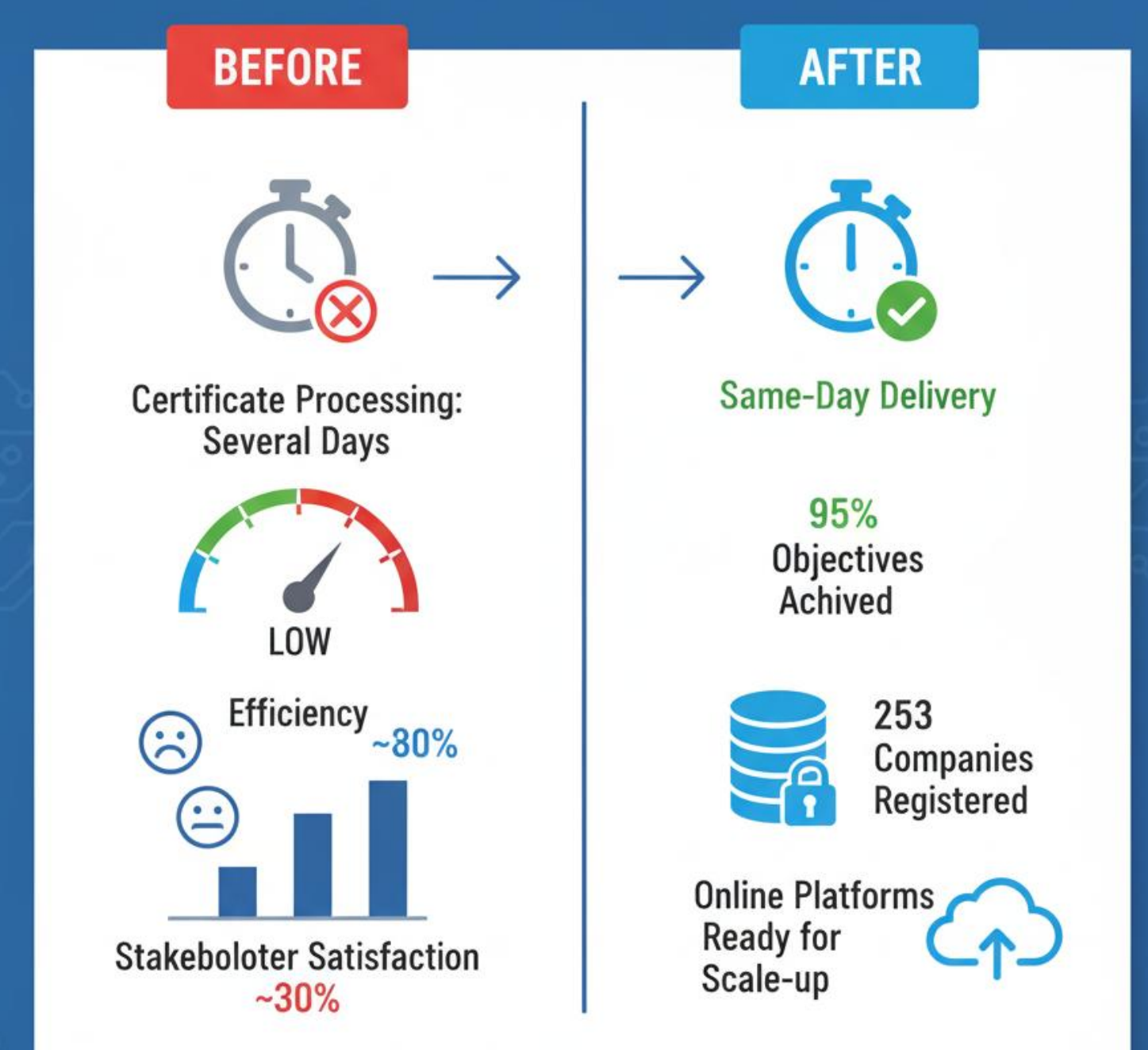
Key Activities



Capacity Building

1. Staff and stakeholder trainings and workshops conducted.
2. Creation of communication platforms to enhance collaboration.
3. Introduction of digital project tracking tools (via CABUREK workshops).

ACHIEVEMENTS & IMPACT



Future Outlook (2026 and Beyond)

1. Full deployment of digital platforms.
2. Integration of cloud-based calibration systems.
3. Continued training and data analytics.
4. Strengthened regional cooperation.