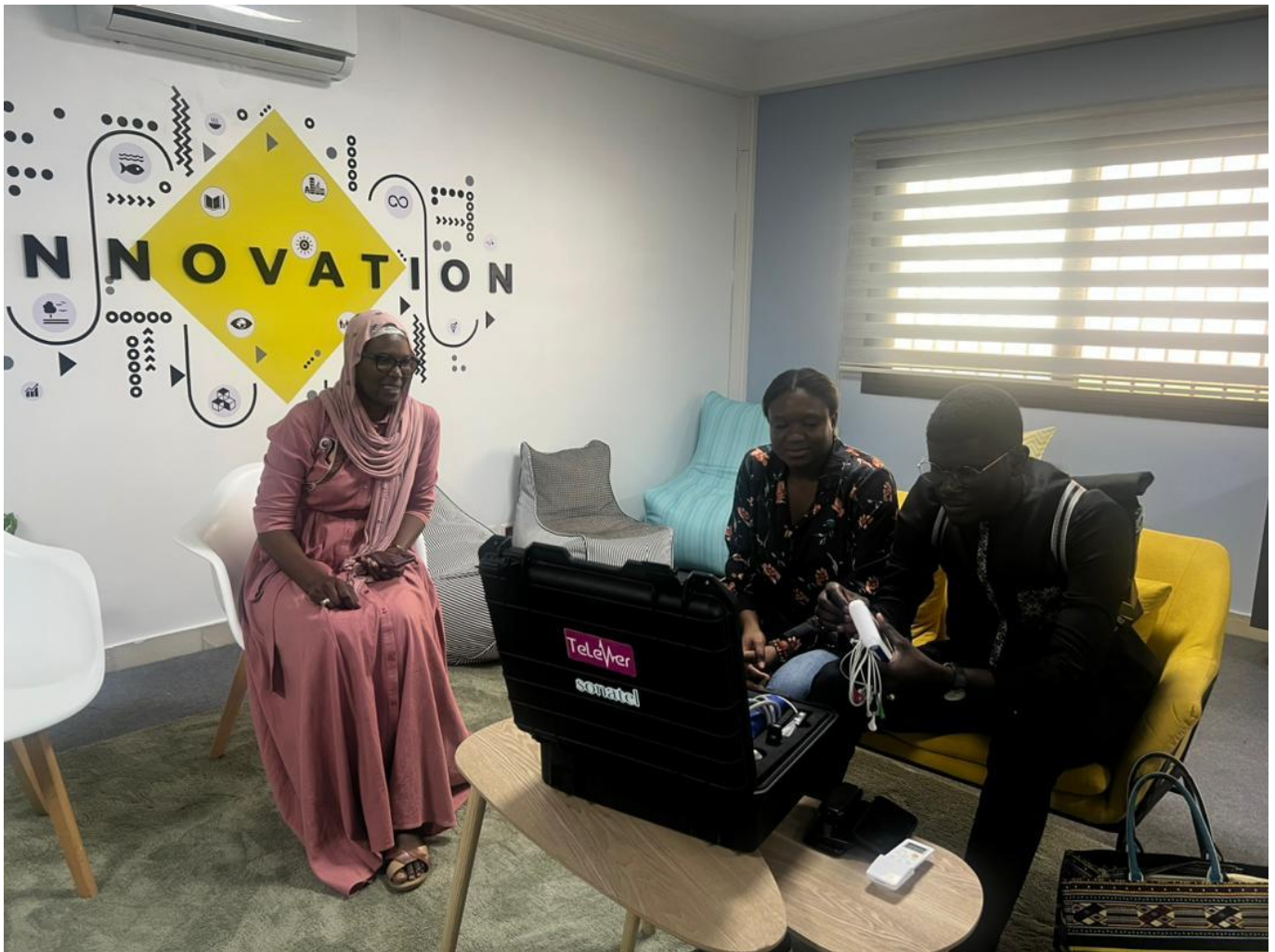


ACCELERATING COMMUNITY DEVELOPMENT THROUGH DIGITAL SOLUTIONS

Inauguration of the Innov space by Ms Noura Hamladji



The inauguration of the Innov space at Accelerator Lab (Acclab) Senegal by Ms Noura Hamladji, Deputy Assistant Administrator and Deputy Director of the UNDP Regional Bureau for Africa, in the presence of Mr Georges Conway, Deputy Assistant Administrator and Deputy Director of the UNDP Regional Bureau for Africa, was an opportunity to present several digital solutions developed by UNDP partners. These young start-ups offer relevant solutions to the most crucial development issues, notably climate change and access to healthcare.



Telehealth

In Senegal, access to healthcare is very limited in most regions, especially in border areas. In Sédhiou, Matam and Tambacounda, distances between a health post and a referral hospital vary from 43 to 60 km. Also, while in Africa access to healthcare staff is 1 doctor per 5,000 inhabitants, in Senegal the figure is 1 per 14,000 inhabitants. With its "TeleWer" solution, Senvital offers telehealth services via a digital platform bringing together healthcare professionals with these underprivileged populations, and people with limited access to healthcare infrastructures. In Senegal, access to healthcare is still very limited in certain regions, particularly in the north of the country and in border areas. The solution consists of a 5G connected suitcase integrating diagnostic equipment (temperature, blood pressure, electrocardiogram, glycemia control, skin examination, etc.), while a doctor directly interprets the results and prescribes the treatment to the patient. At the same time, the solution facilitates access to the patient's health record. Payments are also made online via mobile payment.

Digitizing farm services

It is essential to equip family farms with appropriate digital technologies. TOLBI uses satellite images and artificial intelligence to promote precision agriculture, enabling farmers to receive real-time advice and information in their local language, directly on their mobile. Through the use of satellite imagery, this solution supports small-scale agricultural producers by offering them tailored advice services for plant

maintenance. With its digital platform, e-Tolbi enables real-time decision-making and offers farm yield statistics, thus promoting intelligent farming practices based on variable-rate technologies. Thanks to the complete digitization of data sheets, farmers can reduce water wastage by 80%, use the right amount of fertilizers for healthy, sustainable agriculture, and maximize yields by following the best planting and harvesting dates.



Biometric business cards to promote external communication

Sam Corporate is an IT start-up specializing in the production of biometric business cards equipped with QR codes, websites, community management and IT project development. As a partner of the UNDP, it is helping the office to equip its staff with biometric business cards that contribute to preserving the environment and reducing carbon footprints and printing costs. A business card is valid for 3 years and can be updated any time.



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