

PROJECT SUMMARY

PERU gSENSE: PROMOTING THE DIGITAL HEALTH CARE AND MANAGEMENT ECOSYSTEM IN PERU (PE-G1018)

Type 2 diabetes affects 4.5% of the adult population in Peru, and its prevalence is on the rise due to poor dietary habits and an obesity rate exceeding 60%. Efforts to manage this chronic disease—which is linked to high morbidity, mortality and cardiovascular risk—face severe constraints in the public health system. Infrastructure gaps, a physician shortage, and a lack of tools for early detection make it difficult to control and monitor patients, particularly in vulnerable parts of the country.

The project seeks to close these gaps, and its objective is to enhance access to diagnostics, care, and monitoring of type 2 diabetes among vulnerable population groups in Lima Sur, using a digital health model that is integrated into MINSA's public network. The gSense digital system, developed by Nutrix AG and adapted to the Peruvian context, will enable early detection, remote monitoring, and management of complex cases through an artificial intelligence platform, while providing online coaching and personalized treatment plans. The project also mainstreams gender considerations for differentiated treatment between men and women on the basis of their specific needs and risk factors.

The project will benefit 18,000 people, at least 50% of them women, in the vulnerable districts of San Juan de Miraflores and Villa El Salvador. Type 2 diabetes screenings will be provided, and an estimated 4.5% of those screened (about 810 people) will be diagnosed for the first time. An additional 2,790 people previously diagnosed and listed in MINSA's system will receive treatment, control, and monitoring services. Thus, a total of 3,600 beneficiaries will gain access to enhanced health services through the project.

The project will last three years. Its total budget will be US\$1,761,728, of which IDB Lab will contribute US\$450,000 (26%) and the local counterpart will contribute US\$1,311,728 (74%).

The main outcomes expected from the project are as follows: (i) 18,000 people, at least 50% of them women, will be tested for the first time; (ii) 3,600 people will receive treatment through the gSense solution; and (iii) 1,840 of those receiving treatment will improve their glycemic control indicators.

Lastly, this project, to be executed by Nutrix AG in collaboration with MINSA, will promote digitalization and efficiency in health services in Peru while helping to enhance the quality of life of people with type 2 diabetes. The initiative will modernize the health care system and strengthen IDB Lab's govtech strategy, by promoting innovative solutions that will optimize access and quality in health services in Peru.