

# Building the Assistive Technology Innovation and Training Center 2025 - 2026



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# 01

Barriers to Assistive Devices

# 02

CHAPTER

# A Global Crisis in Assistive Access

Many children who need assistive technology are denied access due to a confluence of systemic barriers, forcing families into impossible choices.



## High Costs

Prohibitively expensive products and services place essential devices out of reach for low-income families.



## Limited Availability

Scarce supply in key markets means waiting lists and extensive travel to distant specialized centers.



## Insufficient Financing

A lack of funding at national and global levels stifles production, distribution, and training initiatives.

# SEP's Grassroots Solution

To bridge the gap, SEP launched a workshop in Langata, creating a lifeline for families by providing high-quality, customized assistive devices.



## Local Materials & Craftsmanship

Devices are built from locally sourced steel, plywood, and foam, ensuring sustainability and community relevance.



## Free of Charge or at Subsidized Cost

A gift model ensures that financial hardship is never a barrier to a child receiving the support they need.



## Appropriate Paper-based Technology

Recycling cardboard and paper into Assistive Devices.



# 02

Demand & Land



# CHAPTER

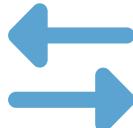
# Demand Exceeds Capacity

The Langata workshop is bursting at the seams, struggling to keep pace with the overwhelming need.

**20**

**Devices Produced / Month**

Under current constraints



**50+**

**Requests Received / Month**

And growing rapidly

**The Langata facility can no longer meet the challenge. Expansion is not an option; it is a necessity.**

# A Strategic Expansion to Kamangu

To scale its impact, SEP has secured a quarter-acre plot in Kamangu, Thigio, Kiambu County, providing the ideal foundation for a dedicated innovation and training center.



€ **Total projected cost: € 112.000**

📍 **Location: Easily accessible by public and private transport.**

⌚ **Proximity: Within 30 minutes of Nairobi**

✖ **Room to Grow: Sufficient space for a state-of-the-art facility.**

03

Center Vision

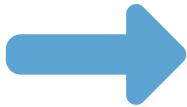
02

CHAPTER

# The Innovation Factory: A Production Boost

The new center will transform production capabilities, shifting from a cramped workshop to a modern facility designed for efficiency, quality, and innovation.

**Current State (Langata)**



**Future State (Kamangu)**



**20**/month

**50+**/month

# Empowering Through Education

The center will be more than a factory; it will be a training academy, building local capacity by equipping therapists, technicians, and caregivers with essential skills.



## For Therapists & Technicians

Training workshops on assessment, fitting, and maintenance.



## For Caregivers

Hands-on training to embed play and therapy into daily routines.



## A Multiplier Effect

Building a network of skilled professionals across counties.

# 04

Impact

# 02

## CHAPTER

# Transforming Caregivers into Confident Care Providers

The center will empower parents and caregivers, building confidence and ensuring consistent, safe, and therapeutic care at home.



05

Support West-Vlaanderen



CHAPTER

# Support to the Building



**West-Vlaanderen**

61.000 Euro



**Stichting Nederland**

10.000 Euro



**Proposal Kortrijk**

3.000 Euro



**Proposal Oost-Vlaanderen**

7.000 Euro

THANK  
YOU.

