

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



CONTENTS

- 01 Barriers to Assistive Devices
- 02 Demand & Land
- 03 Center Vision
- 04 Impact
- 05 Support West-Vlaanderen



01

Barriers to Assistive Devices



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

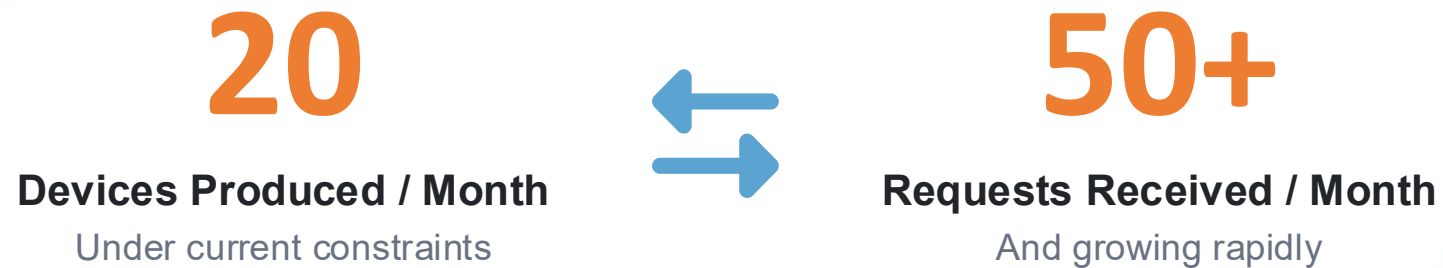
Demand & Land



CHAPTER

Demand Exceeds Capacity

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



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



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)



20/month



Future State (Kamangu)



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



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.

