

Assistive Tech Innovation in Emerging Markets

Web-based accessible map

Contents

1. [Introduction](#)
2. [Taxonomy](#)
3. [Accessible organisations table](#)
4. [Notes on the organisations' classification](#)
5. [Partners](#)

Introduction

The potential for disability innovation as an investment opportunity, and disability inclusion as a lens on investment at large, is vast and yet globally it remains a significantly under-filled gap. Understanding the growing assistive and inclusive tech sectors is vital for the identification of opportunity. By exploring regional ecosystems and market intricacies we can provide the foundations for investment, offering funders knowledge on new markets and extending portfolio opportunities around assistive tech. The map is the first-of-its-kind visualisation of key innovators and stakeholders in the assistive technology and disability innovation ecosystem across emerging markets to be published by a consortium of public and private actors. The map puts a spotlight on the different types of digital tech-driven and inclusivity-focused startups and organisations that are creating state of the art solutions for people with disabilities in Africa, Latin America, the Middle East and Asia from prosthetics to digital sign language software.

Taxonomy

Assistive Tech	Definition	Disability Domain	Inclusive of
Mobility	Devices that support or enhance body functions such as balance, navigation, daily life activities and being independent.	Mobility	Walking aids such as: <ul style="list-style-type: none"> • Walking sticks • Crutches • Walking frames • Walking chairs • Rollators • Axillary crutches • Walking tables • Elbow and forearm crutches • Tripod and quadripod sticks. • Accessories for walking aids • Wheelchairs • Seats Pads/cushions • Shock absorbers • Object holders. • Accessories for wheelchairs • Accessories for changing body position or lifting persons • Standing frames and supports for standing
Tactile Design	Consists of surfaces manufactured with materials or elements that enable users to use the sense of touch to interact with any device or interface.	Vision, Cognition, Mobility, Hearing	<ul style="list-style-type: none"> • Braille Reader • Braille systems • Learning materials adapted with textures • Texturized handles • Grip enhancers • Fidget toys • Sex toys
Cognition	Electronic and non-electronic devices that support and/or enhance thinking, memory, sensory processing and emotional processing.	Cognition	<ul style="list-style-type: none"> • Medication dispensers • Time management products • Memory support products • Apps for journaling experiences, emotions, chronic illness or disability indicators
Vision	Devices that replace vision loss, enhance impaired vision or enhance vision.	Vision, Cognitive	<ul style="list-style-type: none"> • Spectacles • Tactile devices • Magnifiers • Intraocular lenses (IOLs) • Artificial retinas, iris, cortical implants • Telescopic lenses • Smart eyewear (including augmented and virtual reality) • Wearables

Assistive Tech	Definition	Disability Domain	Inclusive of
Screening & diagnostics services	Apps, software and devices that help to identify impairments that can be disabling so that AT or medical interventions can be prescribed.	Hearing, Vision, Mobility, Cognition	<ul style="list-style-type: none"> • Apps to classify hearing impairments • Eyeglasses prescriptions and eye health assessment • Apps that characterize neurodivergence without diagnosing labels.
Hearing	Devices that amplify, interpret, filter or attenuate sound for individuals who have hearing or cognitive impairments. Devices that enhance hearing (amplify).	Hearing	<ul style="list-style-type: none"> • Behind the ear hearing aids • In the ear hearing aids • Sound amplifiers • Induction loops • Signalling products • Closed captioning devices • Video interpretation services • Automated lip reading • Gesture (sign language) to voice and text • Cochlear implants • Non-invasive bone conduction • Ossicular replacement implants and prosthetics • Auditory brainstem implants (ABIs) • Smart earphones • Earpieces that filter certain frequencies of sound
Prosthetics & Orthotics	Prostheses are devices that replace a lost limb. Orthoses provide support and stability to any part of the body. Prostheses and orthoses can focus on providing comfort, control, function, and aesthetics.	Mobility, Appearance	<ul style="list-style-type: none"> • Upper and lower-limb prosthetics • Shoes, boots, and insoles • Orthoses and braces for lower limbs, upper limb, spine, abdomen and cranium
Navigation	Hardware and software that interprets the built environment to help people navigate using audio, physical and/or visual feedback.	Vision	<ul style="list-style-type: none"> • GPS software and apps • Warning systems • Sound detection and alarms • Obstacle detection

Assistive Tech	Definition	Disability Domain	Inclusive of
Communication	Augmentative and alternative communication (ACC) tools (non-electronic devices, electronic devices and software) provide a way for communication that enables social connection and interaction. Typically, communication can be via text to speech, text, symbols or a combination.	Hearing, Communication, Cognition, Mobility	<ul style="list-style-type: none"> • Sign Language • Communication books • Symbol boards • Speech generating devices • Voice Output Communication software • Visual communication • Text-to-speech (TTS) and speech-to-text • Switches and input devices • Brain-computer interface (BCI) • Sensory substitution aids • Smart assistants • Social media
Education	Tools and software that help people in education systems to participate in learning.	Cognition, Hearing, Vision	<ul style="list-style-type: none"> • Computer software
Computers, tablets and mobile devices	Modified or alternative keyboards, special software, input and output devices, alternative access aids and other devices and/or accessibility software solutions specifically designed to enable people with disabilities to use computers and elements of an app, software or websites.	Cognition, Hearing, Vision, Mobility	<ul style="list-style-type: none"> • Adaptive keyboards and mice (e.g., sip-and-puff, head-mouth sticks, trackball) • Eye-tracking and control • Voice recognition software (e.g., Siri) • Accessibility tools and checkers • Picture-based communications • Video communication devices • Speech input (general) • IVR and services • Messaging systems • Computing device control • Telephony – call captioning • Document writers/dictation to text • Text-to-speech (general) • Document/text scan to speech • Personalized voice generators
Finance	Apps, websites and Fintech software that are specifically	Vision, Hearing,	<ul style="list-style-type: none"> • Inclusive personal Finance app • Adaptive Mobile banking app • AT financing solutions

Assistive Tech	Definition	Disability Domain	Inclusive of
	designed to help people living with disabilities to purchase AT, manage their finances, and be included and supported by financial systems and institutions.	Mobility, Cognition	
Digital therapy	Digital solutions for accessing therapeutic services	Cognition, Mental Health, Mobility	<ul style="list-style-type: none"> • Virtual Reality • Remote/online call or video call • Videos with pre-recorded content (e.g., YouTube) • Social media
Sign Language Systems	Sign Language tools and solutions help people with hearing impairments/ Deafness to communicate	Hearing	<ul style="list-style-type: none"> • On-demand sign language services • AI interpretation
Inclusive Employment	Platforms that facilitate access to employment for people with disabilities.	Social and physical environments	<ul style="list-style-type: none"> • Job boards for persons with disabilities • High-quality informal work access • Remote workings tools and software (computers)
Travel	Platforms that facilitate access to disability-friendly travel opportunities.	Social and physical environments	<ul style="list-style-type: none"> • Portable travel aids
Self-care	Assistive tools and devices that compensate for impairments and functional limitations and enable a quicker, safer or more efficient performance of self-care needs (e.g., feeding, dressing, bathing, grooming and personal hygiene routines)	Mobility	<ul style="list-style-type: none"> • Adaptive clothing • Adaptive eating devices • Incontinence products • Personal grooming • Dental care • Assistive products for sexual activity • Health and emotion monitoring • Smart medication dispensing and management • Beds and their accessories • Light fixtures • Sitting arrangements and their accessories • Storage Food preparation • Tables and their accessories • Workplace and domestic safety • Hoisting or repositioning, crane

Assistive Tech	Definition	Disability Domain	Inclusive of
Built Environment	Buildings and spaces that are designed in a way that enables people with disabilities to participate in and navigate those environments	Physical environments, Vision, Hearing, Mobility, Cognition	<ul style="list-style-type: none"> • Smart cities • Smart homes • Assistive robots • Domestic/workplace assistive technologies and devices • Assistive products for vertical accessibility • Assistive technologies for sports, culture, recreation and leisure • Environment alarms

Organisations

Region	Country	Assistive Tech	Organisation
Global	Australia	Other	Inclusive Innovation Now
Global	Australia	Other	Remarkable
Global	Austria	Mobility	Light for the World
Global	Canada	Education	Partnerships for Inclusive Research and Learning (PIRL) Project
Global	Canada	Other	Access to Success
Global	Croatia	Education	Omoguru
Global	Czech Republic	Vision	DOT Glasses, s.r.o.
Global	Germany	Prosthetics & Orthotics	Amparo
Global	Hong Kong	Other	Disability Impact Fund
Global	Ireland	Hearing	MEDTRONIC
Global	Italy	Mobility	Italian Association Amici di Raoul Follereau - AIFO
Global	Netherlands	Prosthetics & Orthotics	Enablement
Global	New Zealand	Other	Global Centre of Possibility
Global	Switzerland	Prosthetics & Orthotics	Project Circleg
Global	Switzerland	Prosthetics & Orthotics	SwissLimbs Association
Global	United Kingdom	Education	MathTalk
Global	United Kingdom	Mobility	Motivation
Global	United Kingdom	Other	Assistive Tech Impact Fund
Global	United Kingdom	Other	Catalyst Fund
Global	United Kingdom	Other	Forever Learn Ltd
Global	United Kingdom	Other	GSMA
Global	United Kingdom	Other	Leonard Cheshire
Global	United Kingdom	Prosthetics & Orthotics	Exceed Social Enterprises Ltd (owned by Exceed Worldwide)
Global	United Kingdom	Prosthetics & Orthotics	Koala Ltd.
Global	United Kingdom	Prosthetics & Orthotics	Legs4Africa
Global	United Kingdom	Prosthetics & Orthotics	The Leprosy Mission England & Wales (TLM)
Global	United Kingdom	Vision	Vision Aid Overseas
Global	United States of America	Education	Dyscalculia

Region	Country	Assistive Tech	Organisation
Global	United States of America	Education	Ginger - Ginger Software
Global	United States of America	Education	Key2Enable
Global	United States of America	Education	Kurzweil 3000
Global	United States of America	Education	McLain Association for Children, Georgia (MAC Georgia)
Global	United States of America	Hearing	Sound world solutions
Global	United States of America	Mobility	BethanyKids
Global	United States of America	Mobility	CLASP
Global	United States of America	Mobility	Participant Life
Global	United States of America	Other	Arise
Global	United States of America	Other	Field Ready
Global	United States of America	Prosthetics & Orthotics	Click medical
Global	United States of America	Prosthetics & Orthotics	LegWorks
Global	United States of America	Prosthetics & Orthotics	Nonspec Inc.
Global	United States of America	Vision	Beeline
Global	United States of America	Vision	Global Vision 2020. Inc.
Global	United States of America	Vision	VocalEyes
Latin America	Argentina	Inclusive Employment	Incluyeme.com
Latin America	Argentina	Mobility	GiveMove
Latin America	Argentina	Screening & diagnostics services	uSound
Latin America	Brazil	Communication	Livox
Latin America	Brazil	Hearing	Signa
Latin America	Brazil	Hearing	Solar Ear
Latin America	Brazil	Navigation	Sunu
Latin America	Brazil	Vision	Lysa
Latin America	Brazil	Vision	Veever
Latin America	Chile	Navigation	Lazarillo

Region	Country	Assistive Tech	Organisation
Latin America	Chile	Prosthetics & Orthotics	Take A Hand
Latin America	Chile (United States of America)	Travel	Wheel The World
Latin America	Colombia	Vision	Cine Para Todos
Pacific Islands	Fiji	Other	Frank Hilton Organization (FHO)
Middle East and North Africa	Ecuador (United States of America)	Hearing	Talov
Middle East and North Africa	Egypt	Digital therapy	Vrapeutic
Middle East and North Africa	Israel	Computers, tablets and mobile devices	Ghotit
Middle East and North Africa	Israel	Hearing	Alango – BeHear
Middle East and North Africa	Israel	Navigation	Right Hear
Middle East and North Africa	Israel	Vision	EyeControl
Middle East and North Africa	Jordan	Sign Language Systems	Mindrockets
Middle East and North Africa	Jordan (United States of America)	Hearing	3dp4me
Middle East and North Africa	Morocco	Finance	Sispay
Middle East and North Africa	Palestine	Vision	Swift Braille
Middle East and North Africa	Qatar	Tactile Design	BrailleEasy
Middle East and North Africa	Tunisia	Mobility	HawKar
Middle East and North Africa	Tunisia	Prosthetics & Orthotics	Cure Bionics
East Asia	Japan	Prosthetics & Orthotics	Dream GP Inc.
East Asia	South Korea	Hearing	Olive Union
East Asia	South Korea	Vision	Dot
South Asia	Bangladesh	Inclusive Employment	Elegant IT
South Asia	Bangladesh	Other	CMED health
South Asia	India	Built Environment	RampMyCity
South Asia	India	Built Environment	True Assistive Technology - TurnPlus
South Asia	India	Cognition	Punarjeeva

Region	Country	Assistive Tech	Organisation
South Asia	India	Communication	Aum Voice Prosthesis' (by Innaumation Medical Devices Pvt Ltd)
South Asia	India	Communication	Good Vibes
South Asia	India	Communication	Inclov
South Asia	India	Communication	Kuluk by Sightica Solutions Pvt Ltd
South Asia	India	Communication	See Sound Live
South Asia	India	Communication	TorchIt
South Asia	India	Communication	Vaani Foundation
South Asia	India	Communication	Wanted Umbrella
South Asia	India	Computers, tablets and mobile devices	BarrierBreak
South Asia	India	Computers, tablets and mobile devices	Bobble ai
South Asia	India	Digital Therapy	Stamura
South Asia	India	Digital Therapy	Tactopus
South Asia	India	Education	Daad.io
South Asia	India	Education	Kidaura
South Asia	India	Education	Titration ColorCam
South Asia	India	Education	Trestle Labs
South Asia	India	Hearing	BleeTech Innovations
South Asia	India	Hearing	DeepVisionTech
South Asia	India	Hearing	SignABLE Communications
South Asia	India	Inclusive Employment	Enable India
South Asia	India	Inclusive Employment	Mind Assets
South Asia	India	Mobility	Arcatron
South Asia	India	Mobility	Beable Health
South Asia	India	Mobility	Flexmotiv Technologies
South Asia	India	Mobility	Indent Designs
South Asia	India	Mobility	Kickstart Cabs by Wheels of Change
South Asia	India	Mobility	myUDAAN
South Asia	India	Mobility	NeoMotion Assistive Solutions Pvt Ltd
South Asia	India	Mobility	R2D2, Arise by IIT Madras
South Asia	India	Other	Armilo

Region	Country	Assistive Tech	Organisation
South Asia	India	Other	AssisTech Foundation
South Asia	India	Other	I-STEM
South Asia	India	Other	The Association of People with Disability (APD)
South Asia	India	Prosthetics & Orthotics	Aumeesh Tech
South Asia	India	Prosthetics & Orthotics	Bionic Yantra
South Asia	India	Prosthetics & Orthotics	Grasp Bionics Pvt. Ltd.
South Asia	India	Prosthetics & Orthotics	Inali Foundation
South Asia	India	Prosthetics & Orthotics	Robo Bionics
South Asia	India	Prosthetics & Orthotics	Symbionic
South Asia	India	Screening & diagnostics services	CogniAble
South Asia	India	Tactile Design	Raised Lines Foundation
South Asia	India	Vision	BrailleMe (By Inceptor Technologies)
South Asia	India	Vision	EYE-D
South Asia	India	Vision	Forus Health
South Asia	India	Vision	Illuminify Tech
South Asia	India	Vision	Innovision
South Asia	India	Vision	Thinkerbell Labs - Annie™
South Asia	India	Vision	XL Cinema
South Asia	India (United States of America)	Education	Avaz Inc
South Asia	Pakistan	Education	Wonder Tree
South Asia	Pakistan	Mobility	Paraplegic Centre Peshawar (PCP)
South East Asia	Indonesia	Inclusive Employment	Difalink
South East Asia	Indonesia	Inclusive Employment	Kerjabilitas
South East Asia	Indonesia	Inclusive Employment	Parakerja
South East Asia	Indonesia	Navigation	TuneMap
South East Asia	Philippines	Inclusive Employment	Virtualahan
South East Asia	Philippines (Canada)	Hearing	ACCESS

Region	Country	Assistive Tech	Organisation
South East Asia	Singapore	Communication	Knocify by Embodied Sensing
South East Asia	Singapore	Computers, tablets and mobile devices,	(these)abilities
South East Asia	Singapore	Computers, tablets and mobile devices,	Assistive Technologies Asia
South East Asia	Singapore	Digital Therapy	XCLR8 Technologies
South East Asia	Singapore	Education	Digital Dream
South East Asia	Singapore	Education	iGain by Trampoline
South East Asia	Singapore	Education	STEMS by Trampoline
South East Asia	Singapore	Hearing	DeafTawk
South East Asia	Singapore	Hearing	Project Quiet Storm by Wika Media
South East Asia	Singapore	Hearing	WSAudiology
South East Asia	Singapore	Inclusive Employment	AHEAD by Trampoline
South East Asia	Singapore	Inclusive Employment	Empauwer by Xopa AI Pte Ltd
South East Asia	Singapore	Inclusive Employment	Enabler
South East Asia	Singapore	Inclusive Employment	Enabling Village
South East Asia	Singapore	Inclusive Employment	SPD
South East Asia	Singapore	Inclusive Employment	Tech Able by SG Enable
South East Asia	Singapore	Mobility	HeartWheels by Hapticus
South East Asia	Singapore	Mobility	SPARK by MOVINC (Mobearlize)
South East Asia	Singapore	Navigation	Smart BFA by Trampoline
South East Asia	Singapore	Other	SG Enable
South East Asia	Singapore	Other	Trampoline
South East Asia	Singapore	Tactile Design	iC2 Prehouse
South East Asia	Singapore	Vision	Navistar by MyrLabs
South East Asia	Vietnam	Inclusive Employment	Enablecode
Sub-Saharan Africa	Algeria (Canada)	Navigation	Dalil
Sub-Saharan Africa	Botswana	Hearing	Deaftronics (Pty) Ltd
Sub-Saharan Africa	Botswana (United Kingdom)	Screening & diagnostics services	PEEK Vision

Region	Country	Assistive Tech	Organisation
Sub-Saharan Africa	Democratic Republic of the Congo	Mobility	Kadiwaku Foundation
Sub-Saharan Africa	Ethiopia	Other	Cheshire Ethiopia
Sub-Saharan Africa	Ghana	Vision	Tech Era
Sub-Saharan Africa	Kenya	Built Environment	Syna consultancy
Sub-Saharan Africa	Kenya	Education	Lugha Ishara Company Limited
Sub-Saharan Africa	Kenya	Education	Village2Nation
Sub-Saharan Africa	Kenya	Hearing	Hali Halisi
Sub-Saharan Africa	Kenya	Hearing	Hear(oes) on Demand
Sub-Saharan Africa	Kenya	Hearing	Sekani
Sub-Saharan Africa	Kenya	Hearing	Sign io
Sub-Saharan Africa	Kenya	Hearing	Signs Media
Sub-Saharan Africa	Kenya	Inclusive Employment	Errands Guy
Sub-Saharan Africa	Kenya	Inclusive Employment	Gigs for PWDs
Sub-Saharan Africa	Kenya	Inclusive Employment	Kenya Business and Disability Network
Sub-Saharan Africa	Kenya	Inclusive Employment	On the Table Africa
Sub-Saharan Africa	Kenya	Inclusive Employment	Riziki source
Sub-Saharan Africa	Kenya	Mobility	Lincell Technology
Sub-Saharan Africa	Kenya	Mobility	Safariseat by The Accessibility Institute (TAI) Ltd.
Sub-Saharan Africa	Kenya	Mobility	Totosci
Sub-Saharan Africa	Kenya	Mobility	Walkabout Kenya
Sub-Saharan Africa	Kenya	Other	Innovate Now
Sub-Saharan Africa	Kenya	Other	KeNAAM
Sub-Saharan Africa	Kenya	Other	Kiljenzi/ Kiliji
Sub-Saharan Africa	Kenya	Other	Positive Exposure
Sub-Saharan Africa	Kenya	Prosthetics & Orthotics	Association for the physically disabled of Kenya Busia branch

Region	Country	Assistive Tech	Organisation
Sub-Saharan Africa	Kenya	Prosthetics & Orthotics	Gateway Prosthetics and Orthotics Ltd
Sub-Saharan Africa	Kenya	Sign Language Systems	AssistAll
Sub-Saharan Africa	Kenya	Sign Language Systems	Deaf eLimu Plus
Sub-Saharan Africa	Kenya	Sign Language Systems	Veeza Viz
Sub-Saharan Africa	Kenya	Travel	ACE Mobility
Sub-Saharan Africa	Kenya	Travel	Turnup.Travel Global
Sub-Saharan Africa	Kenya	Vision	Batian Eyeglasses
Sub-Saharan Africa	Kenya	Vision	Hope Tech Plus
Sub-Saharan Africa	Kenya	Vision	LaPaire Glasses
Sub-Saharan Africa	Kenya	Vision	Vision Vijana (by Vijana Reloaded)
Sub-Saharan Africa	Kenya (United Kingdom)	Mobility	Freedom One Life
Sub-Saharan Africa	Mali	Navigation	Yelenkoura
Sub-Saharan Africa	Nigeria	Other	Greymate Care
Sub-Saharan Africa	Nigeria	Vision	Vinsighte
Sub-Saharan Africa	Nigeria (United States of America)	Prosthetics & Orthotics	Miracle Feet
Sub-Saharan Africa	Rwanda (Bulgaria)	Prosthetics & Orthotics	Prosfite
Sub-Saharan Africa	Somalia	Other	Diversity Action Network (DAN)
Sub-Saharan Africa	South Africa	Education	Walter Sisulu University
Sub-Saharan Africa	South Africa	Hearing	Deaftouch
Sub-Saharan Africa	South Africa	Hearing	HearX
Sub-Saharan Africa	South Africa	Hearing	Senso
Sub-Saharan Africa	South Africa	Hearing	ShazaCin Accessible Media (SAM) PTY Ltd
Sub-Saharan Africa	South Africa	Mobility	Anathoth Solutions
Sub-Saharan Africa	South Africa	Mobility	Ludada and Associates Orthopaedic Services
Sub-Saharan Africa	South Africa	Mobility	Shonaquip Social Enterprise (SSE)

Region	Country	Assistive Tech	Organisation
Sub-Saharan Africa	South Africa	Prosthetics & Orthotics	OCRAM O And P and Ocram Mobility Foundation
Sub-Saharan Africa	South Africa	Prosthetics & Orthotics	Wits Enterprise
Sub-Saharan Africa	South Africa	Vision	Oplene Group
Sub-Saharan Africa	South Africa (United States of America)	Vision	BeSpecular
Sub-Saharan Africa	Sudan	Prosthetics & Orthotics	Nayla Prosthetics
Sub-Saharan Africa	Tanzania	Education	Karagwe Community Based Rehabilitation Programmes(KCBRP)
Sub-Saharan Africa	Tanzania	Inclusive Employment	Employable Africa
Sub-Saharan Africa	Tanzania	Mobility	Kyaro Assistive Tech
Sub-Saharan Africa	Tanzania	Other	Comprehensive Community-Based Rehabilitation in Tanzania (CCBRT)
Sub-Saharan Africa	Tanzania	Other	Tusaidiane Disabilities Resources and Charity Organization of Tanzania (TDRCT)
Sub-Saharan Africa	Togo	Prosthetics & Orthotics	OADCPH (Organisation Africaine pour le Développement des Centres pour Personnes Handicapées)
Sub-Saharan Africa	Uganda	Hearing	Opensigns Impact Innovations (Uganda) Ltd
Sub-Saharan Africa	Uganda	Other	Axiom Zorn
Sub-Saharan Africa	Uganda	Other	Comprehensive Rehabilitation Services for People with Disability in Uganda (CoRSU)
Sub-Saharan Africa	Uganda	Other	Hope for Street Kids and Vulnerable People - HSKVP Foundation
Sub-Saharan Africa	Uganda	Vision	Wazi Vision
Sub-Saharan Africa	Uganda (Canada)	Prosthetics & Orthotics	Nia Technologies
Sub-Saharan Africa	Zimbabwe	Inclusive Employment	Local Rehabilitation Workshop (LOREWO)

Notes on organisations' classification

- The companies and organisations have been classified according to their headquarters.
- The global section represents companies headquartered outside of the markets in focus i.e., outside Sub-Saharan Africa, Asia, Latin America and the Middle East, but that have operations in multiple countries around the world
- Organisations with headquarters outside of markets in focus but with operations in only one country in regions of focus have been added to the operational country. In the table, the HQ Country has been added in parentheses after the operational country where the organisation's logo has been classified.

Partners



Global
Disability
Innovation
Hub



**ASSISTIVE TECH
IMPACT FUND**

