



ASEAN
DATA SCIENCE
EXPLORERS



ENABLING ALL

Empowering **Inclusive Employment** for the Sustainable Future of the ASEAN Community

8 DECENT WORK AND
ECONOMIC GROWTH



TEAM OUTLIERS | Somphors Yun
Sreylin Chey

OBJECTIVES

To increase the employment of the differently-abled by adopting inclusive end-to-end technological employment solutions and promoting inclusive career opportunities with educational campaigns.

TARGET 8.1



TARGET 8.5



TARGET 8.6



The
differently-abled
with the desire and
willingness to work
are facing many
obstacles.

THE PROBLEMS

01



Lack of awareness
and accessibility on
information

02



Low education
level

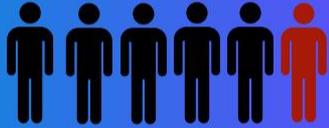
03



Lack of necessary
qualifications

POPULATION WITH DISABILITIES

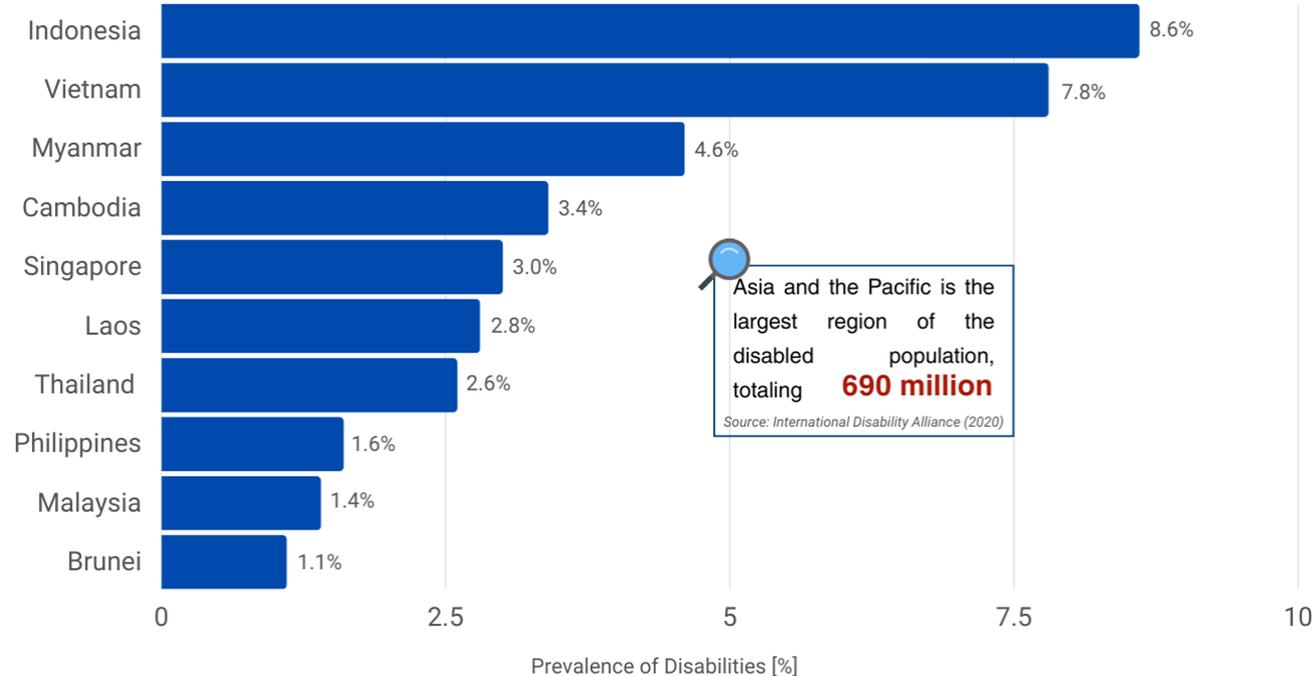
1 in 6 of us have
experienced disability



An estimated 1.3 billion
people globally have
experience disability.

This accounts for **16%**
of the world's population.

Source : WHO- World Population with Disabilities (2023)



DISABILITY PREVALENCE IN SOUTHEAST ASIA

Source: The ASEAN Post (2020)

DISABILITY AND EDUCATION



Nearly **240** million children aged from birth to 17 or **1 in 10** of all children worldwide live with a disability.

Source: UNICEF Fact Sheet- Children with Disabilities (2022)

**10
TIMES
LESS LIKELY**

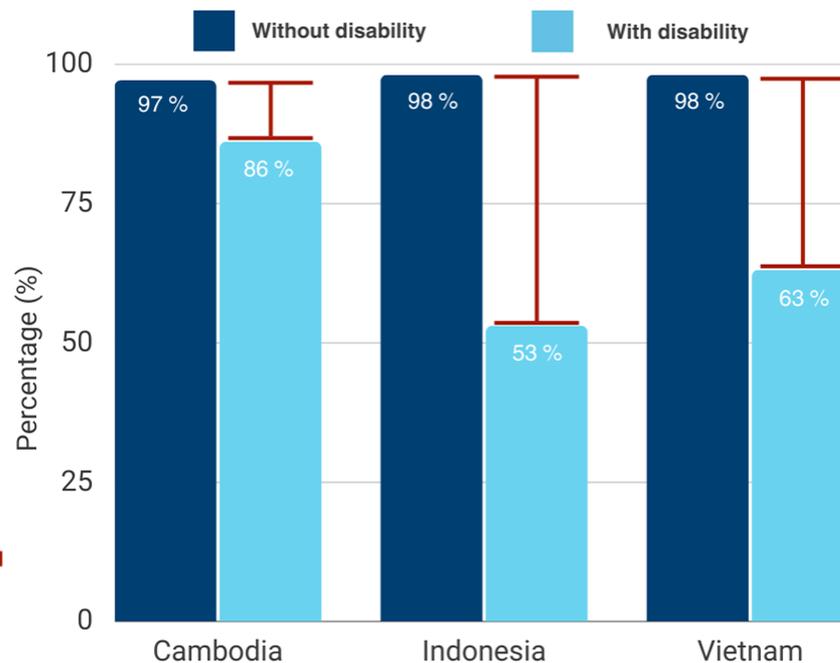
Children with disabilities are **10 TIMES** less likely going to school than children without disabilities.

Source: Plan International (2013)

Approximately, **10% to 45%** of disabled children aged 15-19 years old in Cambodia, Indonesia, and Vietnam are not attending schools.



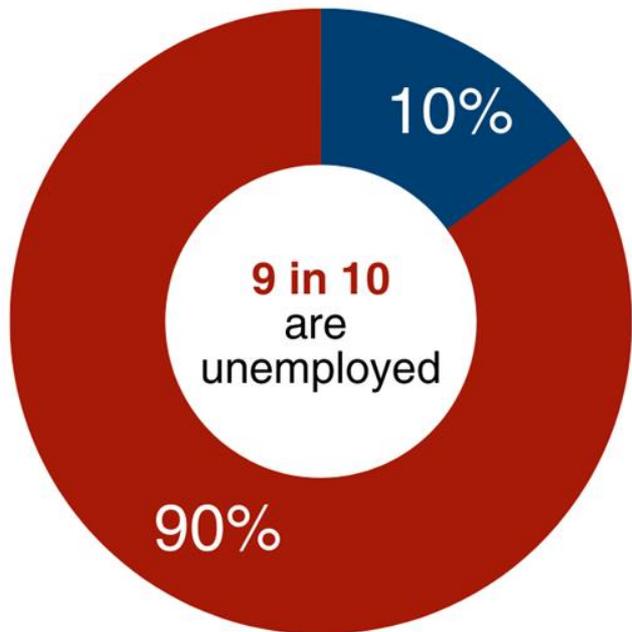
POPULATION 15-19 YEARS OLD WHO ATTENDED SCHOOL



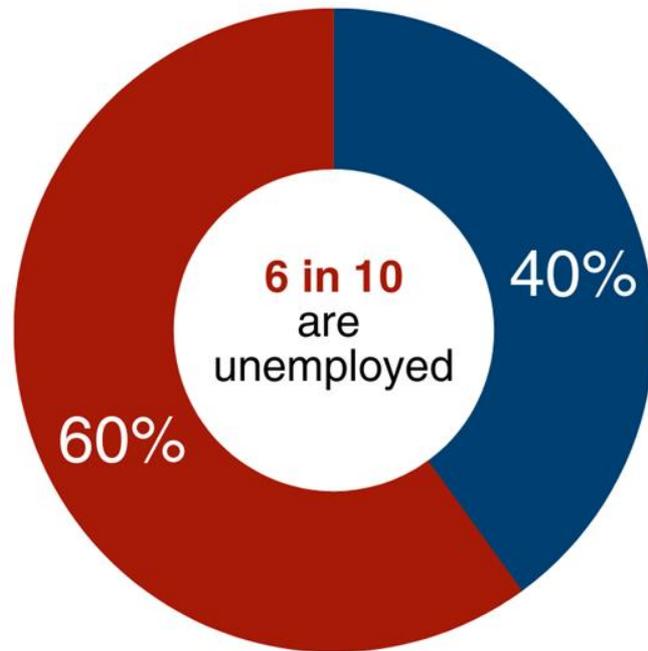
Source: IPUMS-International and SWTS (2006-2015)

PERCENTAGE OF UNEMPLOYED PWD

PERCENTAGE OF UNEMPLOYED PWD IN
DEVELOPING COUNTRIES



PERCENTAGE OF UNEMPLOYED PWD IN
INDUSTRIALIZED COUNTRIES



EMPLOYED

UNEMPLOYED

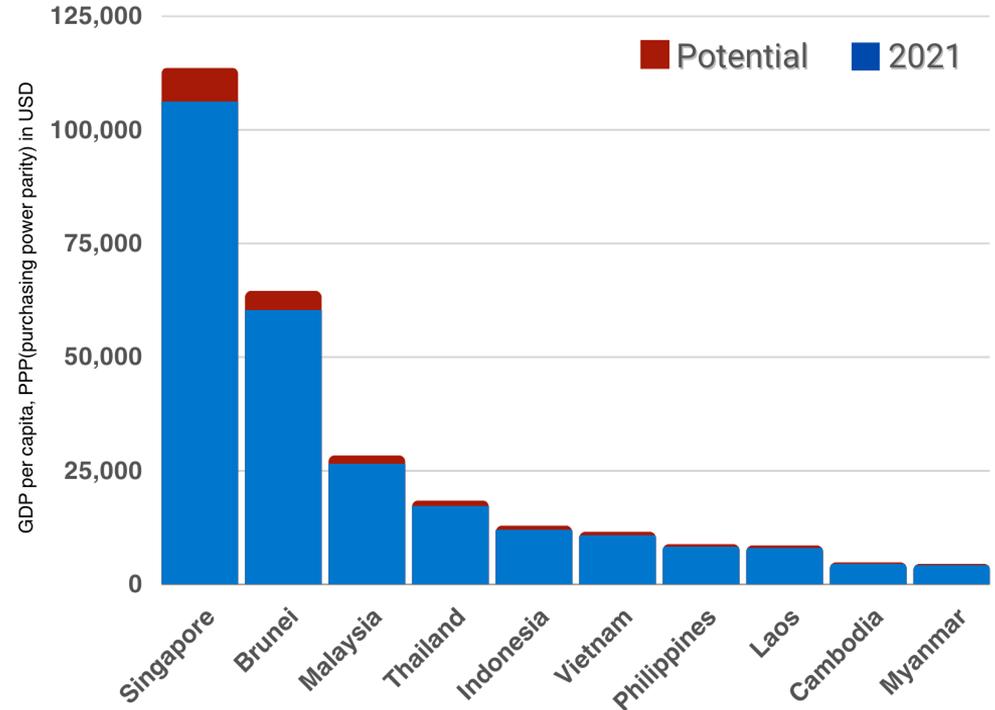
GDP INCREASE WITH INCLUSIVE HIRING

Studies from **UNESCAP** show that if persons with disabilities (PWD) were paid on an equal basis as their colleagues without disabilities, the **GDP** of many ASEAN could increase by

up to 7%

Source : UNESCAP- Disability the Facts (2016)

ESTIMATED GDP PPP OF ASEAN COUNTRIES WITH PWD ECONOMIC INCLUSION



Source : The Global Economy (2021)

FIRST RECOMMENDATION



Introducing **N-ABLE**

An **inclusive third-party platform** that provides an **end-to-end employment solution** for **speech and hearing impaired** job seekers interested in technology careers and employers.

FEATURES

- Self-assessments of Interests
- Career Consultations
- Bootcamp Trainings
- Internship Opportunities



CONSULTATION

Discuss about career personalities, interests, strengths, and pathways.



AI Sign Language Interpreter



ONLINE BOOTCAMP

Enroll in training courses that focus on upskilling and building profile.



INTERNSHIP

Do an internship to gain real work experience in social enterprises.



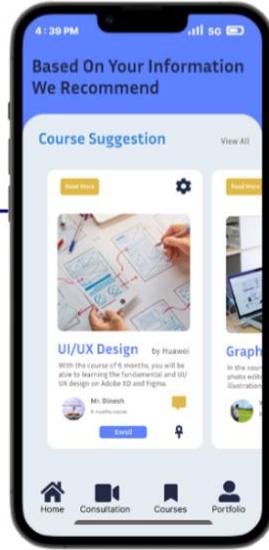
TALENT PLACEMENT

After completing all phases, you will be sourced to a company for employment.

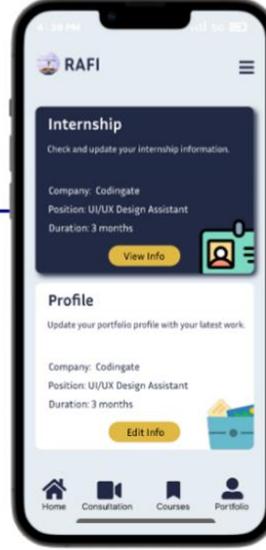
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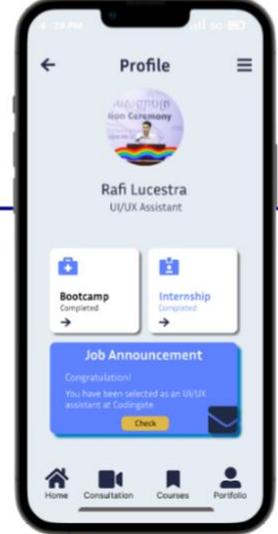
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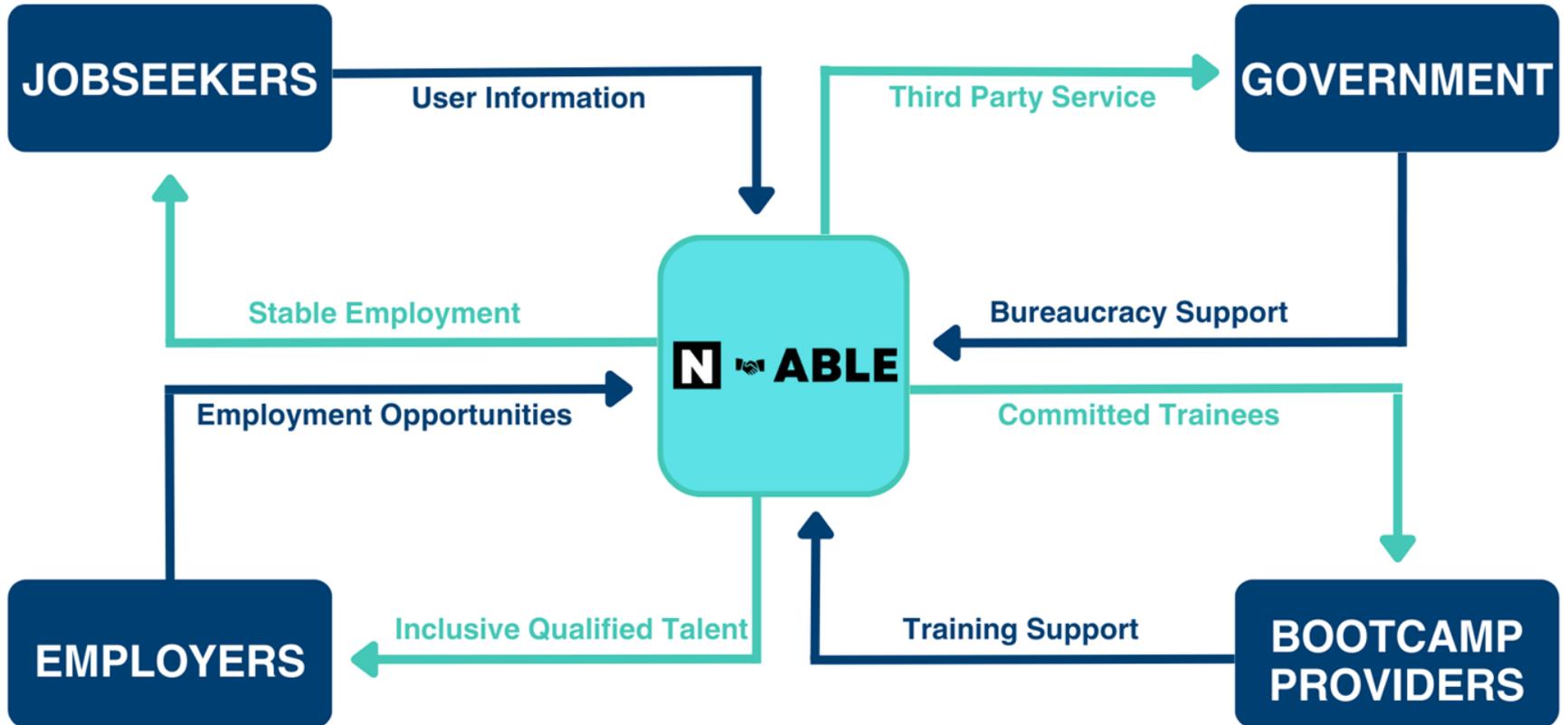
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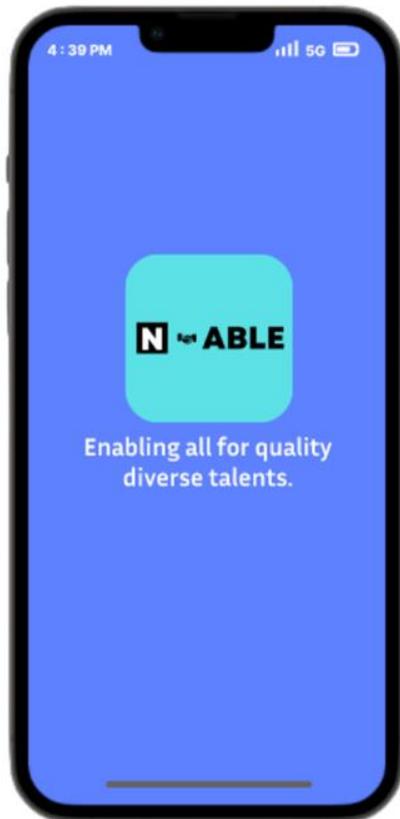
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STAKEHOLDERS MUTUAL BENEFITS



N-ABLE FEASIBILITY



THIS RECOMMENDATION WILL BE MORE FEASIBLE THROUGH PARTNERSHIP WITH



**SAP
Analytics Cloud**

Provide effective management and analysis of data to facilitate business operation purposes



CDPO

Accelerate development of PWDs with general knowledge and experience



**Ministry of Social Affairs,
Veterans, and Youth
Rehabilitation**

Create and enforce policy to consistently support PWDs with basic necessities



BRIDGE THE GAP AND PROVIDE OPPORTUNITIES FOR THE PWDs

SECOND RECOMMENDATION

PROMOTE FUTURE CAREER OPPORTUNITIES TO DIFFERENTLY-ABLED YOUTHS



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PROMOTE FUTURE CAREER OPPORTUNITIES TO DIFFERENTLY-ABLED YOUTHS

2023 - 2024

PHASE
01 BUILDING NETWORKS OF
PARTNERS

2024 - 2027

PHASE
02 HANDS-ON WORKSHOP
& INFORMATION SHARING

2027 - 2030

PHASE
03 INCLUSIVITY BEYOND
BORDERS

TIMELINE

FOR IMPLEMENTATION

SECOND RECOMMENDATION

INPUT

TARGET

PROCESS

FEASIBILITY

PHASE 01

2023 - 2024

BUILDING NETWORKS OF PARTNERS

SPECIAL SCHOOL, ORGANIZATION, AND JOB PROVIDERS

- PWDs Job Fair
- Mutual stakeholders agreement
- Financial assistance

Partnership with



PHASE 02

2024 - 2027

HANDS-ON WORKSHOP & INFORMATION SHARING

URBAN AND RURAL AREAS

- Research and curriculum creation
- Onsite and online workshop
- Sharing platform

Partnership with



PHASE 03

2027 - 2030

INCLUSIVITY BEYOND BORDERS

ASEAN COMMUNITIES

- Integration with N-ABLE to all ASEAN nations
- Expanded partnership

Partnership with



RECOMMENDATIONS ARE ANCHORED WITH

SUSTAINABLE DEVELOPMENT GOALS

8 DECENT WORK AND
ECONOMIC GROWTH



TARGET 8.1



TARGET 8.5



TARGET 8.6



ASEAN SOCIO-CULTURAL COMMUNITY BLUEPRINT 2025

Section B.1

REDUCING BARRIERS

Section B.2

INCLUSIVE

Section E.1

**TOWARDS AN OPEN AND
ADAPTIVE ASEAN**

ASEAN ECONOMIC COMMUNITY BLUEPRINT 2025

Section C.2

**INFORMATION AND
COMMUNICATION TECHNOLOGY**

Section D.1

**STRENGTHENING THE ROLE OF
MICRO, SMALL, AND MEDIUM
ENTERPRISES**

LEAVE
NO
ONE
BEHIND



N-ABLE, enabling ALL!

References

UNESCO. Education and disability: Analysis of data for Asia-Pacific countries (2018)

<https://bangkok.unesco.org/content/education-and-disability-analysis-data-asia-pacific-countries>

The GlobalEconomy. GDP per capita, PPP - Country rankings(2021)

https://www.theglobaleconomy.com/rankings/gdp_per_capita_ppp/South-East-Asia/

World Health Organization. Disability(2023)

<https://www.who.int/news-room/fact-sheets/detail/disability-and-health#:~:text=Key%20facts,1%20in%206%20of%20us.>

ASEAN Disability Forum. Introducing the Works from the Organisation of Persons with Disabilities(2020)

https://www.internationaldisabilityalliance.org/sites/default/files/baseline_sdg_report_asean_2020_final_1_1.docx

Unescap.Disability in Asia and the Pacific: THE FACTS

<https://www.unescap.org/sites/default/files/Disability%20The%20Facts.pdf>

Unescap.The shaping of disability-inclusive Employment in Asia and the Pacific (2021)

<https://www.unescap.org/kp/2021/disability-glance-2021-shaping-disability-inclusive-employment-asia-and-pacific>

Unescap.Disability at a Glance 2015

https://www.unescap.org/sites/default/files/publications/SDD%20Disability%20Glance%202015_Final.pdf

UNICEF Fact Sheet: Children with Disabilities-2022

<https://www.unicef.org/media/128976/file/UNICEF%20Fact%20Sheet%20:%20Children%20with%20Disabilities.pdf>

ABOUT THE TEAM



Sreylin Chey

Leader
Research



Somphors Yun

Developer
Data Analysis

CASE STUDIES



Matching opportunities to accelerate **women's** careers in **India**.

Source : Jobs For Her (2023)



Providing **PWD** with occupational training to improve skills and get a job in **Indonesia**.

Source : parakerja.co.id (2023)

ROUTES TO MARKET

Awareness

PWD

- Speech and Hearing Impairment Organizations
- Special Needs Schools

EMPLOYER

- PWDs Job Fairs
- Referrals

Acting Selling

- Diversity and Inclusion Consultancies
- Networking Events

- Recruitment Agencies
- Webinars
- LinkedIn Advertisement

PILOT PROJECT

We aim to work with:

- 3 organizations & schools
- 14 speech & hearing impairment persons
- 1 bootcamp/training provider
- 4 organization partnerships
- 3 corporate partnerships



MVP: Website

To test MVP, provide trainings, internships, and job placement, and iterate our solution.