

# Equitable Deployment and Reintegration of Labor Migrant Workers

Pitch Deck

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# Use Case Persona

**Name:** Maria

**Occupation:** Land-based OFW

**Brief Profile:**

- Worked several jobs abroad for 5 years in Middle East
- Former housewife with 2 kids
- Wishes to return to the Philippines for good in the future

**How can we help and encourage Maria to return to the Philippines?**



# Labor Migration of Filipino Workers

## Philippines as a third world country

- More Filipinos are driven to pursue career opportunities abroad
- Increasing no. of OFWs = challenge to the government and embassies to provide the necessary attention



# Labor Migration of Filipino Workers

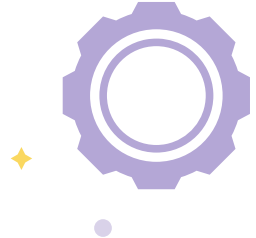
Several reintegration programs and services to entice OFWs to return or stay

- Many OFWs are still **not aware** of these = **repeat migration**
- Repeat migration is **higher in females**
  - **Susceptible to labor exploitation**



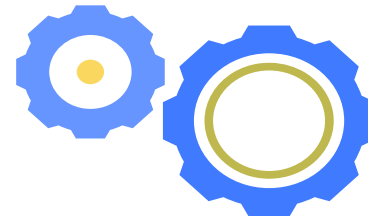


# Objectives



## **Help in equal treatment of women and resource allocation**

Skills training, job and economic opportunities, social protection



## **Predict possible effects of reintegration and deployment programs**

Guidance for policy making, services and programs to offer





# Data Sources



Office of the President of the Philippines  
**COMMISSION ON FILIPINOS OVERSEAS**



International  
Labour  
Organization



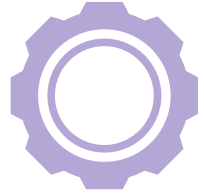
**TESDA**

Technical Education & Skills  
Development Authority





# Challenge Addressed by the Solution



## **Solution 1: Labor Deployment and Reintegration Optimization Calculator**

Challenge Addressed: Disparity in salary and benefits, financial and capacity building



## **Solution 2: Migration Simulation Policy Making**

Challenge Addressed: Appropriate policies, intervention programs, reintegration





# Methodology

1

**Labor Deployment and Reintegration  
Optimization Calculator**

**Multi-objective  
Optimization Model**

2

**Migration Simulation Policy  
Making**

**Agent-based Simulation  
Model**



## Deployment Optimization Equation

$$\max \sum_{prioritization=0}^P \left( \sum_{gender=0}^G prioritization_{gender} deployment_{gender} \leq z \right)$$

## Reintegration Optimization Equation

$$\max \sum_{prioritization=0}^P \left( \sum_{gender=0}^G prioritization_{gender} reintegration_{gender} \leq z \right)$$

Equitable Deployment and Reintegration of Labor Migrant Workers About

Start Step Reset

### Policy Making Parameters

#### Economic Factors

##### Purchasing Power



##### Inflation



### Deployment of Migrant Workers

#### Intended Migration Destination

☒ ON

#### International Migrants

☒ ON

#### Intended Migration Destination

☒ ON

#### Persons with Functional Difficulty

☒ ON

### Reintegration of Migrant Workers

#### Employment to Population ratio

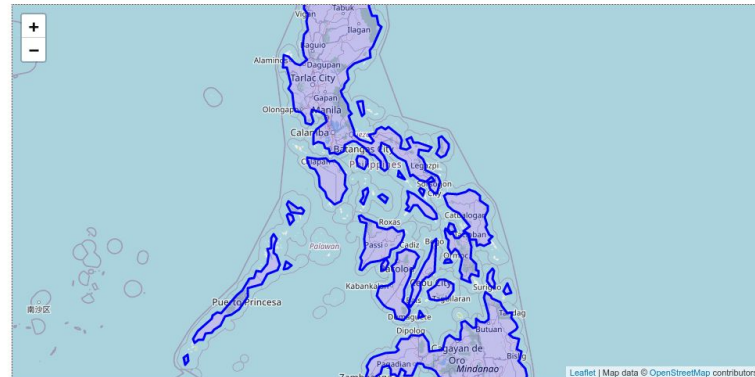
☒ ON

#### Share of youth not in education, employment or training

☒ ON

Frames Per Second 0 20

Day: 34





# Expected Benefit or Impact



## Labor Deployment and Reintegration Optimization Calculator

- Competitive wage and benefits
- Equal opportunity for employment, wage, skills value, and working conditions



## Migration Simulation Policy Making

- Probable impact of the reintegration and deployment programs



# Thank you!

Team: Equitable Deployment and Reintegration of Labor  
Migrant Workers

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