



JICA's Involvement for Cambodian Development

JICA Cambodia Office
IBC Open Meeting,
on 6th December, 2017

Japan International Cooperation Agency



Contents

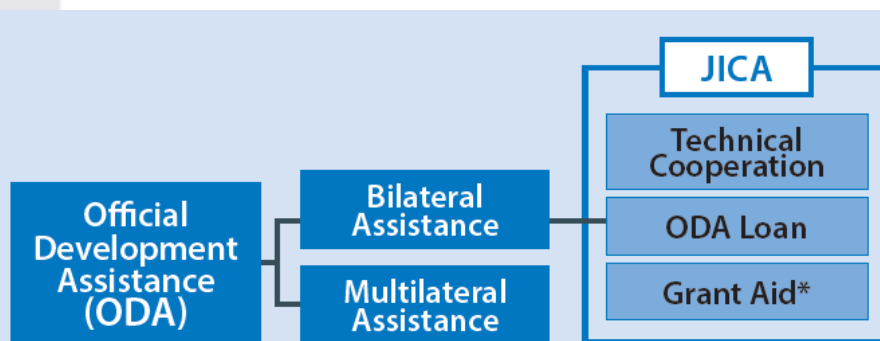
1. What is JICA
2. JICA's projects in Cambodia
 - 1) Logistics
 - 2) Urban Function/Urban Environment
 - 3) Industrial Human Resources Development

Japan International Cooperation Agency ²

Contents

1. What is JICA
2. JICA's projects in Cambodia
 - 1) Logistics
 - 2) Urban Function/Urban Environment
 - 3) Industrial Human Resources Development

What is JICA

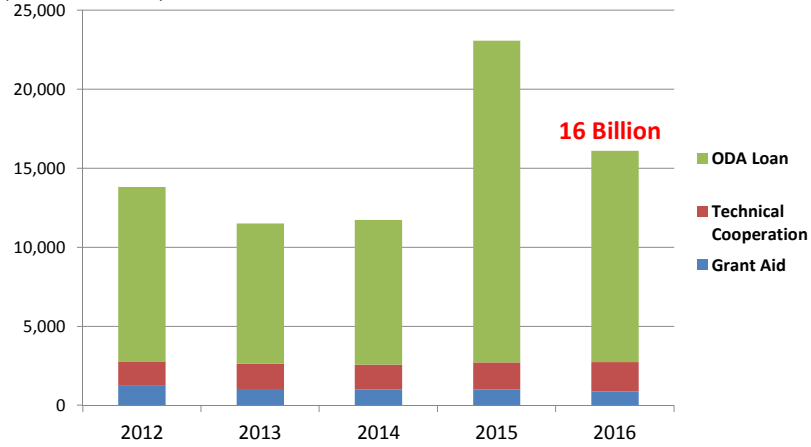


* This excludes Grant Aid directly implemented by the Ministry of Foreign Affairs for diplomatic consideration.



Japan's ODA: Global Operation

(Unit: Million USD)



	2012	2013	2014	2015	2016
Grant Aid	1,274	1,042	1,001	1,005	882
Technical Cooperation	1,510	1,596	1,588	1,725	1,869
ODA Loan	11,040	8,872	9,143	20,348	13,372

5
Japan International Cooperation Agency



JICA's approach

Hardware

Quality infrastructure

Software

Capacity Development
Strategic Planning
Ownership

Long – term Commitment

Holistic and Seamless Assistance

6
Japan International Cooperation Agency



Japan's ODA: Operation in Cambodia

(Unit: Million USD)



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015 (estimate)
Grant Aid	60.5	64	67.7	65.8	80.2	58.7	89.4	67.856	55.767	66.149
Technical Cooperation	37.9	37.2	34.8	42.2	47.6	34.8	36.9	42.131	35.15	39.715
ODA Loan	5.3	15.8	23.8	25	15.6	20.8	45.9	23.204	20.503	35.634

Source: ODA Database, CDC/CRDS

7 Japan International Cooperation Agency



JICA's Priority Area in Cambodia

Overall Goal

Support further strengthening of socio-economic foundations to achieve an upper-middle income country status by 2030

8 Japan International Cooperation Agency



JICA's Priority Area in Cambodia

1. Support for Industrial Development
2. Improvement of Quality of Life
3. Realization of Sustainable Society through Strengthening of Governance



Alignment with

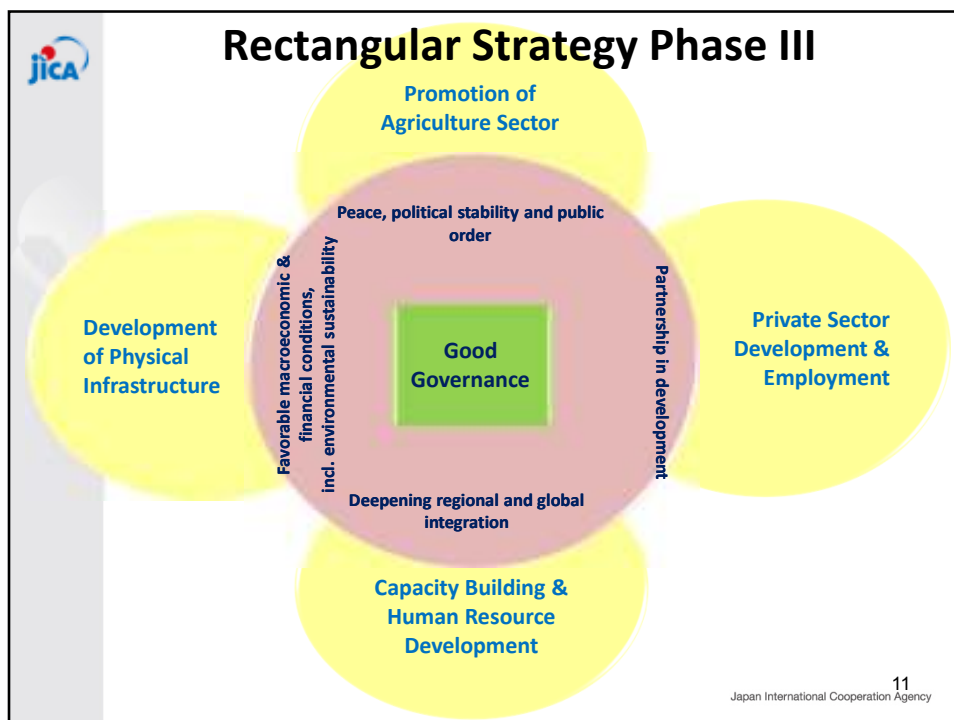
Rectangular Strategy Phase III

To become Upper Middle-Income Country by 2030,
and Developed Country by 2050

Cambodia Industrial Development Policy 2015- 2025

“Market Orientation and Enabling Environment for
Industrial Development”

& Other important strategies



Alignment with

Rectangular Strategy Phase III

To become Upper Middle-Income Country by 2030, and Developed Country by 2050

Cambodia Industrial Development Policy 2015- 2025

“Market Orientation and Enabling Environment for Industrial Development”

& Other important strategies

12
Japan International Cooperation Agency



JICA's Priority Area in Cambodia

1. Support for Industrial Development
2. Improvement of Quality of Life
3. Realization of Sustainable Society through Strengthening of Governance



JICA's Priority Area in Cambodia

1. Support for Industrial Development

- Logistics
- Investment Environment
- Industrial Human Resources Development
- Agricultural Promotion



What we have done so far : Logistics

11% (250/2240 km) of single-digit National Road (National Road 1-9) were **paved in asphalt**



What we have done so far : Investment Environment

Transmission Line from Kampot to Sihanoukville (230 KV, 90Km),
From **Sihanoukville to Stung Hav**
(115KV, 12Km)
(2013)





What we have done so far : Industrial Human Resources Development

Over **60,000 children** in Phnom Penh studied at **18 primary schools**
(2004-2014)



17
Japan International Cooperation Agency



What we have done so far : Agricultural Promotion

145km irrigation system
(2001-2014)



18
Japan International Cooperation Agency

JICA's Priority Area

2. Improvement of Quality of Life

- Urban Environment (water etc.)
- Urban Functions (transport etc.)
- Health System

What we have done so far : Urban Environment

More than 1 million people have newly gained access to safe piped water in urban areas since 2001





What we have done so far : Urban Function

About 100 Traffic signals in Phnom Penh City



21
Japan International Cooperation Agency



What we have done so far : Health System

About 130,000 babies born at National Maternal & Child Health Centre (1997 – 2017)



Japan International Cooperation Agency

JICA's Priority Area

3. Realization of Sustainable Society through Strengthening of Governance

- Legal System & Admin. Functions
- Environment Management
- Mines and UXO Removal

What we have done so far : Legal System & Admin. Functions

Civil Code & Civil Procedure Law in
Dec. 2011





What we have done so far : Environment Management

National REDD+* Strategy

*Reducing Emission from Deforestation and Forest Degradation in Developing Countries (REDD) + Conservation of Forest Carbon Stocks, Sustainable Management of Forest, Enhancement of Forest Carbon Stocks in Developing Countries



25
Japan International Cooperation Agency



What we have done so far : Mines and UXO Removal

8 times (79,143km²) Landmine removed area compared to 1995.
(2015)



26
Japan International Cooperation Agency

Contents

1. What is JICA
2. JICA's projects in Cambodia
 - 1) **Logistics**
 - 2) Urban Function/Urban Environment
 - 3) Industrial Human Resources Development

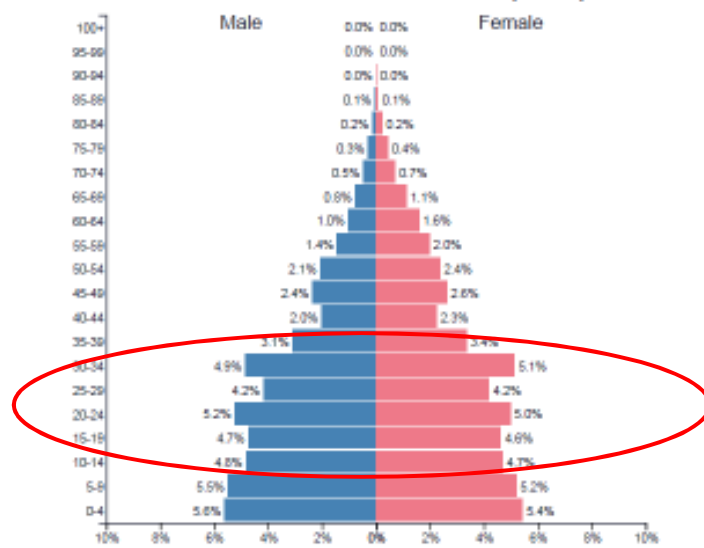
Why logistics?

Geographical Advantage

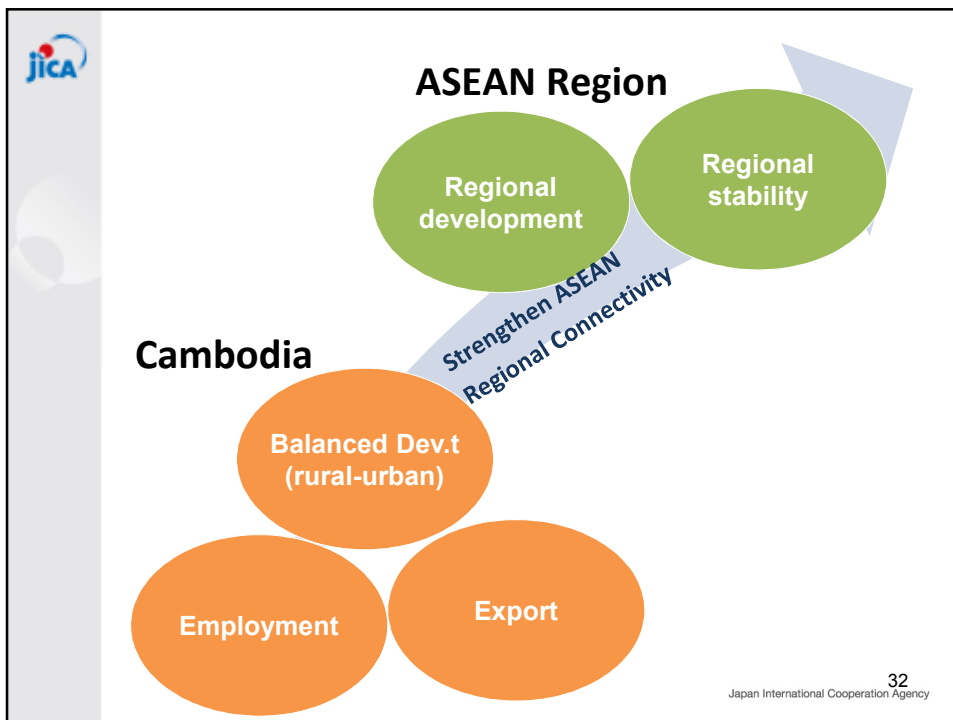
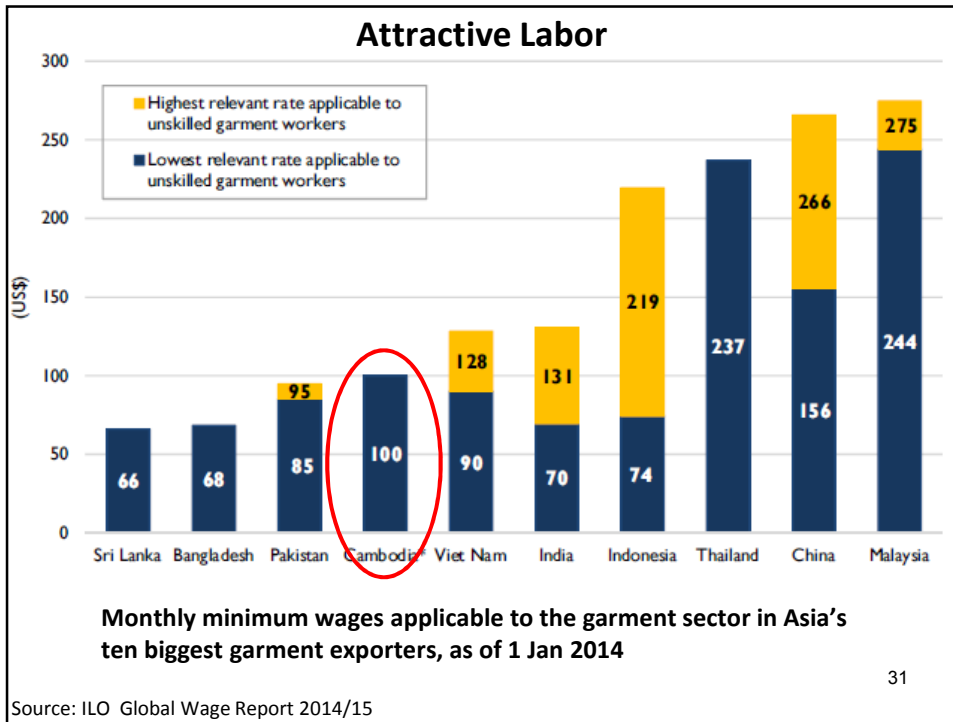


Attractive Labor

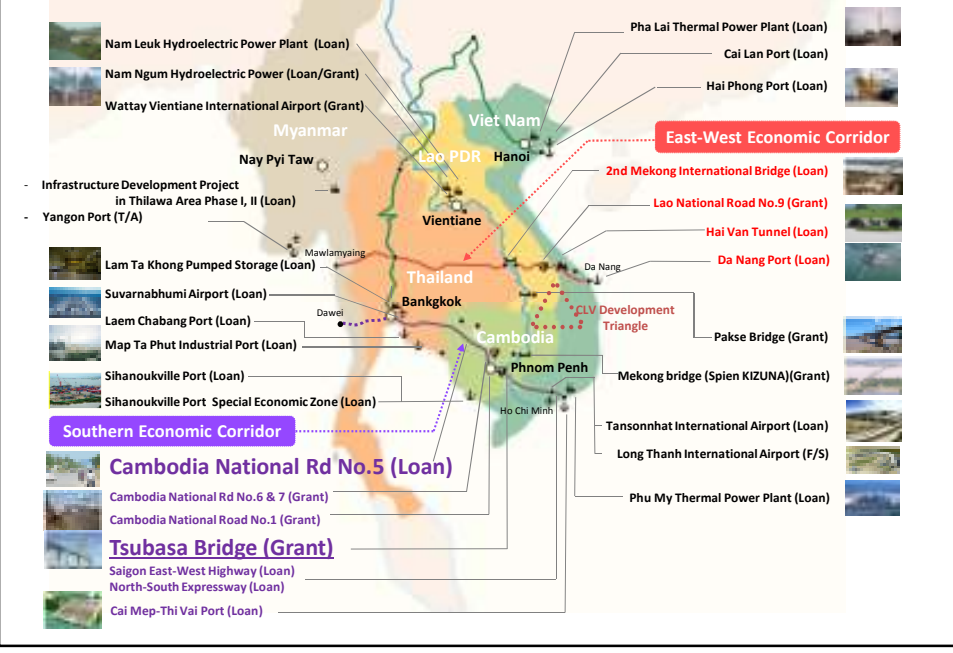
2017 Population: 16,076,370



Source: PopulationPyramid.net



ASEAN Regional Connectivity



But ...

34
Japan International Cooperation Agency

Voices from Private Sector

→ **High Logistics Cost**

Southern Economic Corridor



Tsubasa Bridge (Neak Loeng Bridge)



500 Riel Note



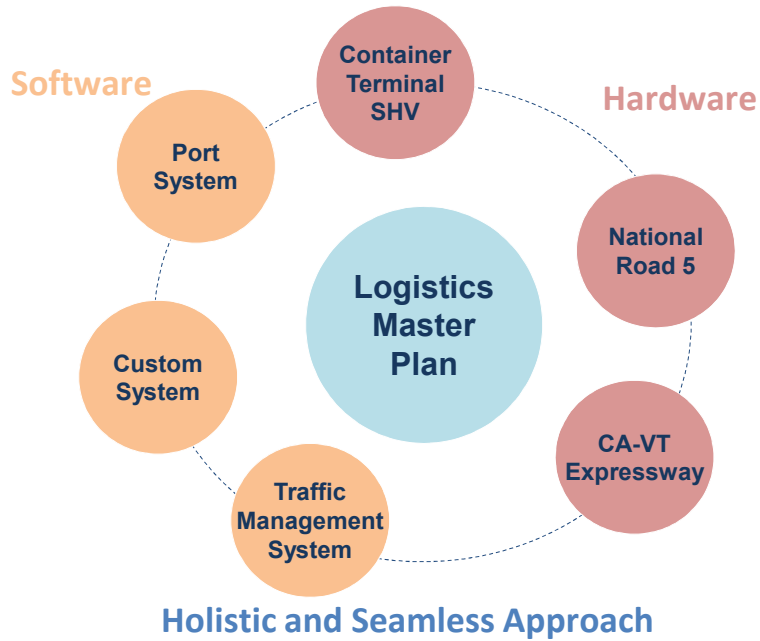
National Road No. 5



Sihanoukville Port



JICA's future project for logistics improvement

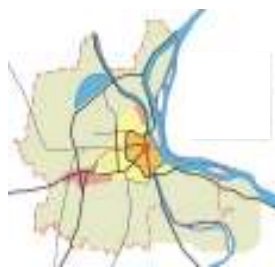


Contents

1. What is JICA
2. JICA's projects in Cambodia
 - 1) Logistics
 - 2) Urban Function/Urban Environment**
 - 3) Industrial Human Resources Development

Why Urban Function /Urban Environment?

Rapid Population Increase

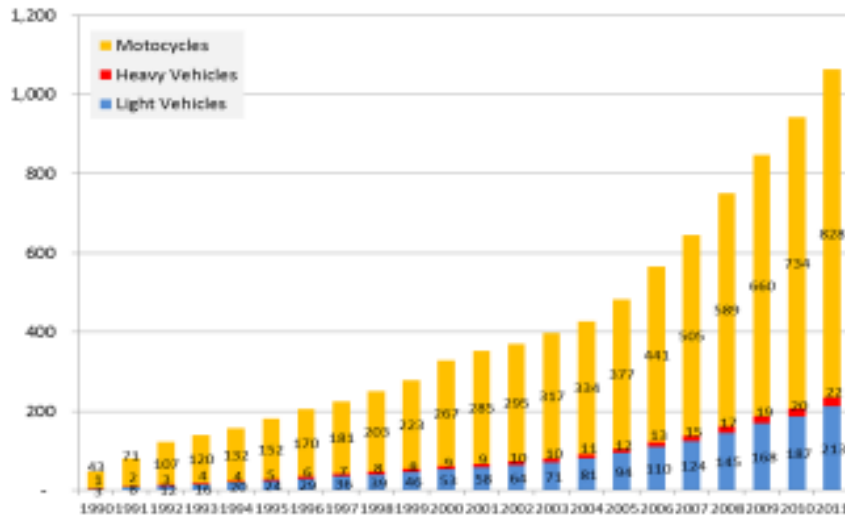


Population=1.85 mil
As of 2012



Population=2.87 mil
As of 2035

Increasing Vehicles



46

source: Phnom Penh City Hall



→ **Many Challenges for
Urban System**

47

Japan International Cooperation Agency



Urban Transportation

Phnom Penh Transport Master Plan

Traffic Management

Public Bus

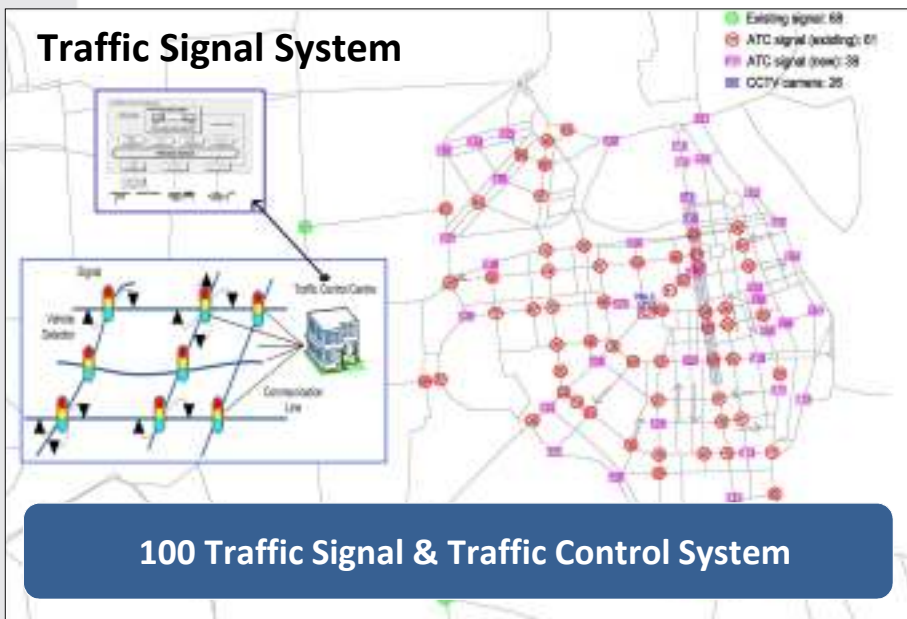
Urban Railway

Japan International Cooperation Agency



Traffic Management

Traffic Signal System



100 Traffic Signal & Traffic Control System



Promotion Video for traffic safety

Facebook:

<https://www.facebook.com/JICACambodia/videos/1188947454484672/>

YouTube: <https://www.youtube.com/watch?v=EsQR9lwcX2w>



Japan International Cooperation Agency

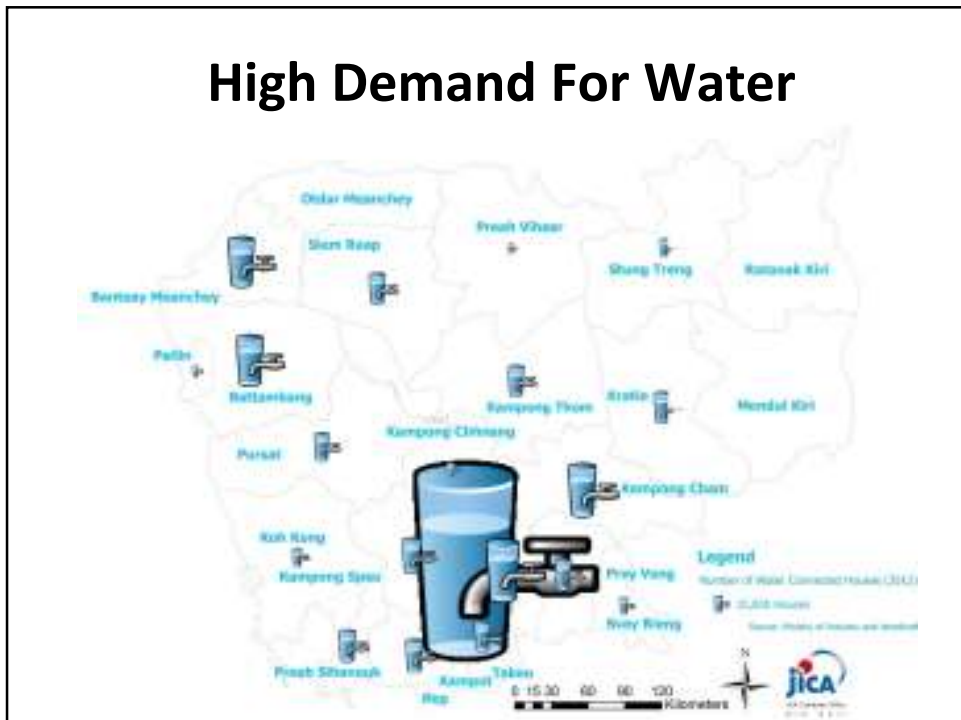


Public Bus



Predictable, Safety, Convenient

51
Japan International Cooperation Agency



“Miracle of Phnom Penh”

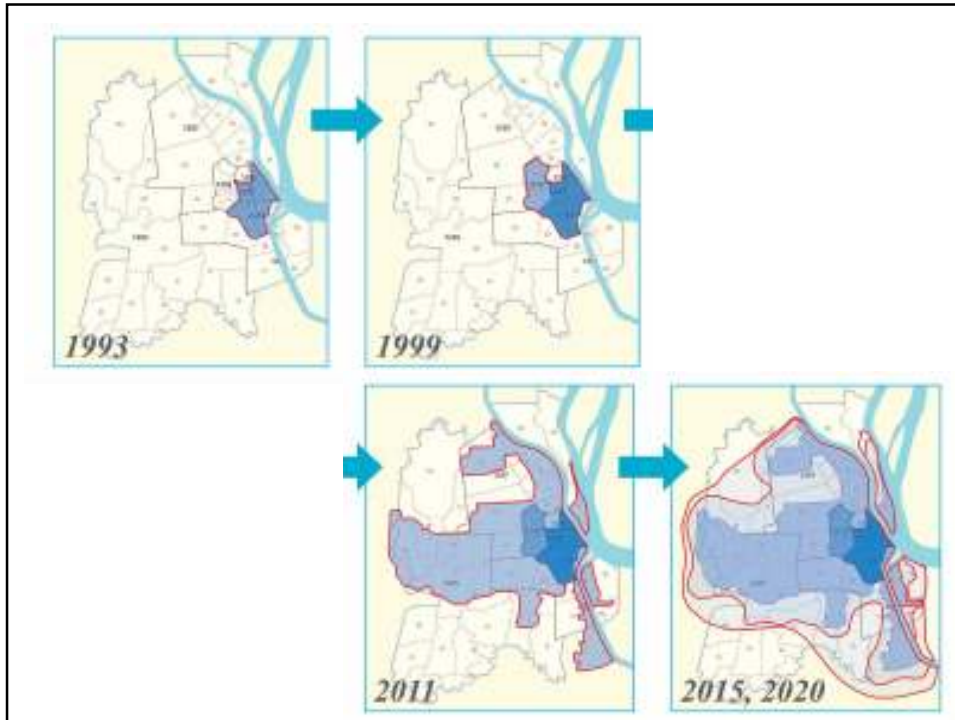


Water Supply Coverage Area

20%
(1993)



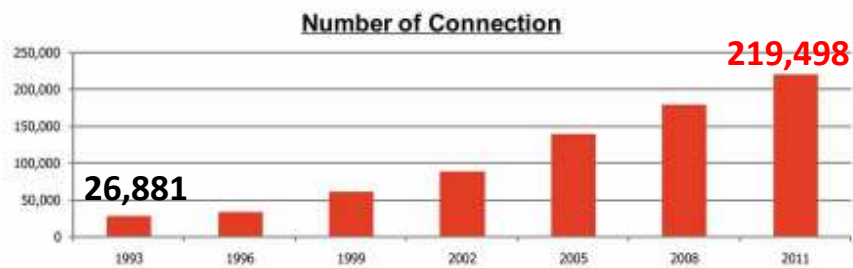
90%
(2011)



Number of Connections

26,881 (1993) → **219,498** (2011)

Most of people have connection to water now!



58



Supply Duration (h/day)

24h/7days

(2011)



10h/day

(1993)

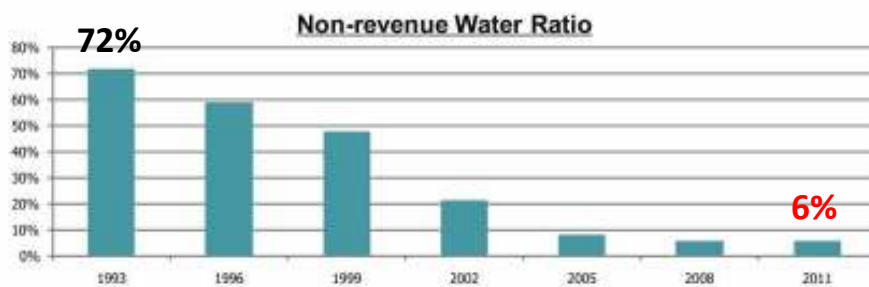
59
Japan International Cooperation Agency

Non-Revenue Water Ratio (%)

72%
(1993)



6%
(2011)



cf. Non-revenue Water Ratio in other countries

Country	Vietnam	Laos	Malaysia	Indonesia	India	China
Ratio	22.67%	20.85%	34.40%	30.40%	41.27%	20.54%
(year)	(2015)	(2008)	(2007)	(2004)	(2009)	(2012)

Success of Phnom Penh being replicated in **8 provinces**

(Siem Reap, Kampong Thom,
Kampong Cham, Battambang,
Pursat, Kampot, Svay Rieng)



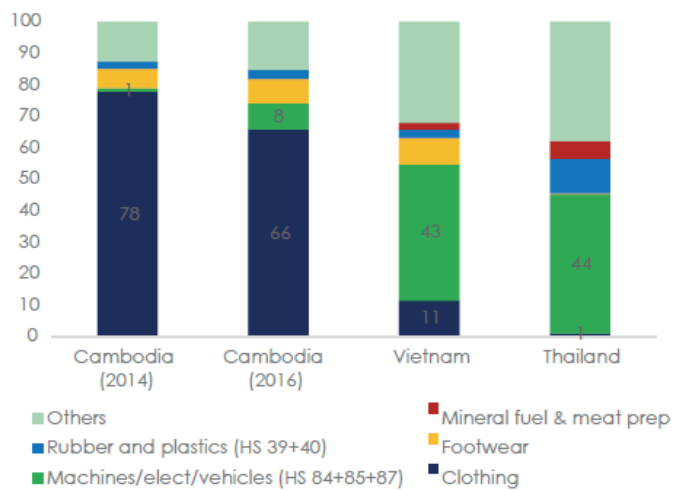
Contents

1. What is JICA
2. JICA's projects in Cambodia
 - 1) Logistics
 - 2) Urban Environment/Urban Function
 - 3) Industrial Human Resources Development**

Why Industrial Human Resources Development?

Growing value-added manufacture

Export diversification (% share, 2016)

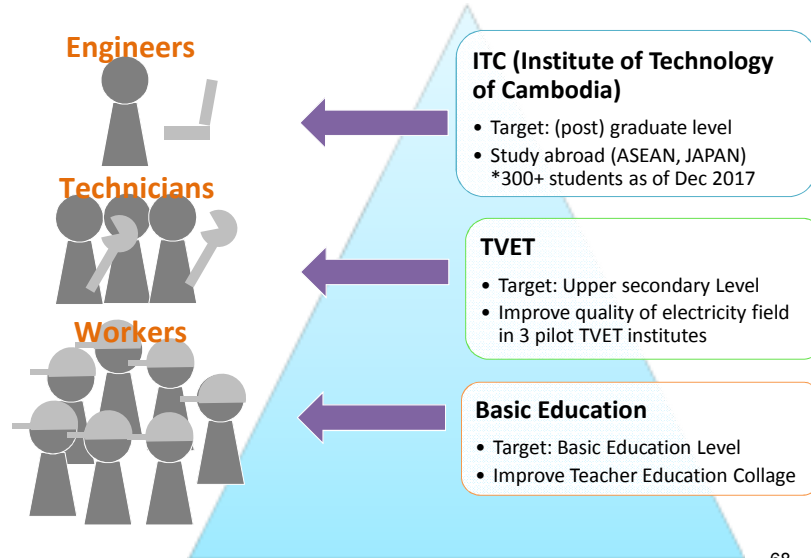


But ...

Voice from Private Sector

***→ Productivity of workers
especially in
technicians/engineers***

To meet the needs of Industries



For Workers

Basic Education

To improve Education Quality

Teacher Education Collage

Hardware

- Constructing Buildings & Providing equipment

Software

- Preparing syllabus and materials
- Training overseas for TEC teachers

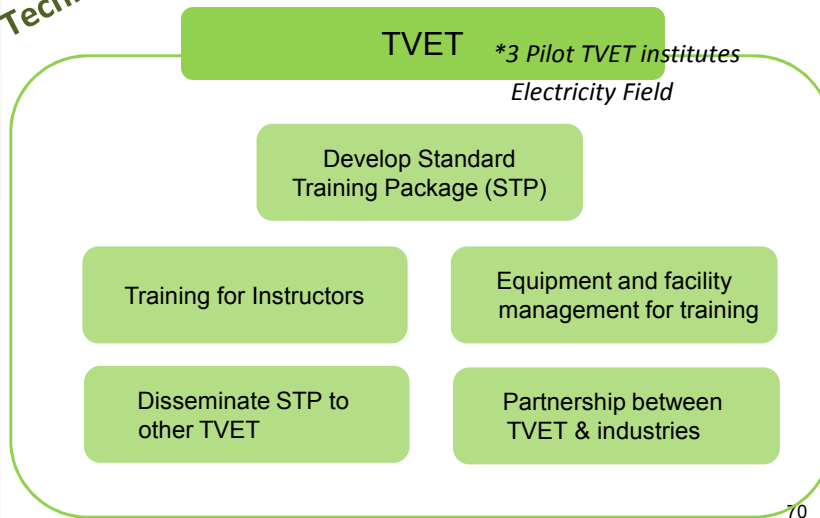


Teacher Training Center



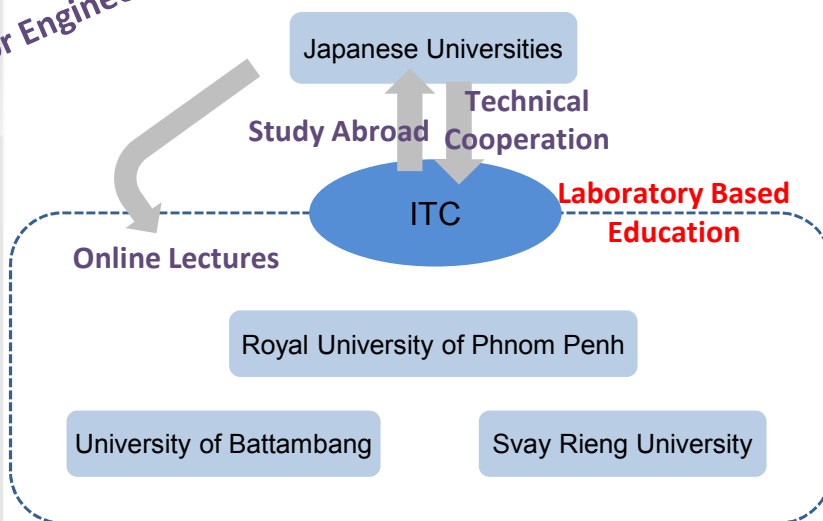
TVET (Technical Vocational Education and Training)

For Technicians



ITC (Institute of Technology of Cambodia)

For Engineers



For Business Friendly Environment *By Private Public Partnership*

**Needs from Private sector
Joint work with Private sector**



**Rectangular Strategy III
Industrial Development
Policy
Other important strategy**



Support Sustainable Dev.t
- Long-term commitment
- Quality Infrastructure
- Planning
- Ownership

***Thank you very much
for your attention...***

Q & A and Comments