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Database System for Managing Citizens

ឧត្តមសេនីយ៍ឯក បណ្ឌិត គុប នេត
អគ្គនាយករង អគ្គនាយកដ្ឋានអត្តសញ្ញាណកម្ម

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Project and Its Progress

Project Team

1. H.E. Mr. Thor Sethana, Secretary of State, MSC
2. H.E. Mr. Chuk Mony, Secretary of State, MSC
3. H.E. Ms. Sao Sokuntheary, Secretary of State, MSC
4. H.E. Ms. Chhy Vichara, Under Secretary of State, MSC
5. H.E. Ms. Pich Pitou Ratha, Under Secretary of State, MWA
6. H.E. Ms. Chhoeung Simorn, Under Secretary of State, MCFA
7. H.E. Mr. Chhoeun Bunnarath, Under Secretary of State, MSC
8. H.E. Mr. Ngoun Meas, Director General, MoEY
9. H.E. Ms. Peou Vorleaks, President of national Metrology, MIH
10. H.E. Dr. Top Neth, Deputy Director General, MOI
11. H.E. Mr. Ly Sararit, Deputy Governor, Preah Vihear Province

Backgrounds

▶ Cambodia had to rebuild from **ZERO after the fall of Khmer Rouge in 1979**. Identification documents such as **ID cards, birth certificates, marriage certificates, family registrations, passports, diplomas, or degrees** were lost or destroyed.

▶ The start of population registration in **Residential Book** and **Family Book** was initiated in 1980 and **ID card** issuance began in 1985, while standardized **birth certificates** did not become available until year 2000.

▶ The registration processes remain manually paper-based to date, with exception of the **IT-based ID Card** and **Passport** systems which were launched in 2013.

▶ After establishment in April 2014, GDI under Ministry of Interior conducted a survey in **Phnom Penh** and **Kandal Province** and found that about **1/3** of people's birth certificates carried inaccuracies and errors. In addition, data verification among identification documents for each individual person indicated that the personal data of about **30%** of respondents was not consistent with one another. This is the major challenge in managing population identities.

Backgrounds

- There is a need to establish an **Integrated Population Identification System** (IPIS) to ensure that **everyone is counted** and **each person's information** across various identification documents **is accurate and unique**.
- The establishment of **IPIS** will significantly contribute to both public and private sectors, including improving **public services, planning development programs, formulating policy, boosting economic growth, etc.**
- This is in line with **national policies** as well as the joint international commitment on people's identity. The integration of Cambodia into the ASEAN community also requires a reliable database on the population for a more effective cooperation with other ASEAN members including **labor exchange, combating transboundary human trafficking, crimes, smuggling, and so on**.

ASEAN MEMBER COUNTRIES

Backgrounds

- The Royal Government of Cambodia approved on **14 June 2016 the National Strategic Plan of Identification 2017-2026 (NSPI)**, paving the way for the establishment of a database identification systems for population registration.
- However, technical and financial resources are remaining major challenges which require support from donors and international communities to achieve.

Issues/Challenges

▸ **No reliable database system** for managing citizens in Cambodia. Manual basis have been applying until now.

▸ Manual processes for population registrations (i.e., in ID Card, civil registration, Residential Book) carry many mistakes and **errors as well as long time processing.**

▸ Manual processes for population registrations cannot track that one person with two or more identities **(faked identities).**

▸ **Only using IT based system can overcome the above challenges.** Integration of Cambodia to the international communities also required a reliable system for identification management.

▸ The government commits to providing better public services by approving the strategic plan on identification in June 2016. But technical and financial availabilities are yet limited. **Supports on that are crucial.**

Objectives

The objective of the current project is to establish identification system as a mean to manage population registrations (including in ID Cards, Civil Registrations, Residential Books, Passports and Nationalities) and provide better public service deliveries to the citizens
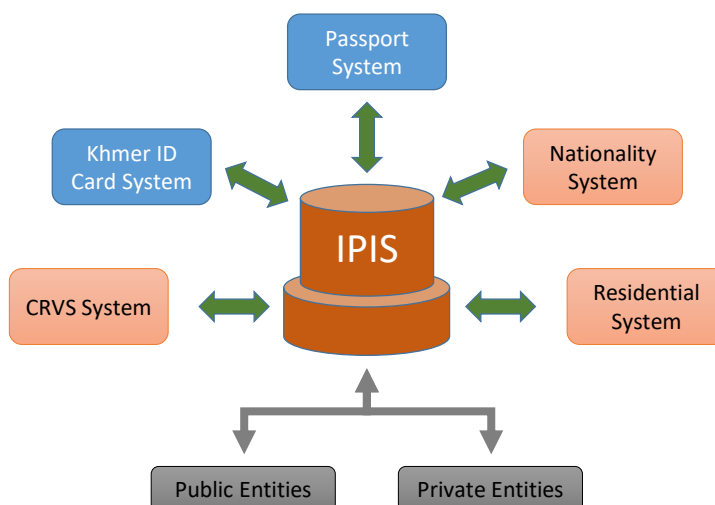
Strategic Goals

1. Develop legal frameworks for personal identification
2. Establish civil registration and vital statistics systems (including birth, marriage, death registration)
3. Establish Integrated Population Identification System - IPIS (Establish data center, KIDC, Residential System, Nationality System, and integration of all 5 systems into the IPIS)
4. Launch the data distribution system about population and share with public and private sectors
5. Align organization and introduce E-service for client oriented, efficient, and transparent service delivery.

IPIS System

Project Schedule: Phase Basis

No	Phase	Activities	Duration of The Project (2017 – 2026)									
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
1	P1	Create policy and legal frameworks	█	█	█							
2		Establish IPIS, CRVS, Residential System, Nationalities System	█	█	█							
3		Integrate data from ID Card to IPIS	█	█	█							
4		Create interface between IPIS, CRVS, Residential System, Nationalities System	█	█	█							
5	P2	Create data center			█	█	█					
6		Pilot use of data center			█	█	█					
7		Put in place data center for official use country wide			█	█	█					
8		Apply full data registration using system			█	█	█					
9	P3	Modernize ID Card system and link with IPIS							█	█		
10		Share data with public and private institutions							█	█		
11		Link with health system and others (vehicle system, land title system, etc.)							█	█		
12	P4	Diversify need of using IPIS ecosystem									█	█
13		Modernise passport system									█	█
14		Link passport system to IPIS									█	█

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Updated Progress

1. Draft Law on Civil Registration, Vital Statistics, and Identification, with support from **Bloomberg Data for Health Initiative** through **Vital Strategies**.

2. From May 2018, pilot one stop services on identification in a total of 10 Communes/Sangkats in Kampot and Kep Provinces *(providing services on CRVS documents, Residential Book, Family Book, ID Card)*.

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Challenges and Next Steps

▶ **Challenges**
- Technical Support
- Budget Support

▶ **Next Steps**
- Finish draft of law on Civil Registration, Vital Statistics, and Identification. Then submit the drafted law to NA for review and approval.
- Review and amend other relevant regulations.
- Strengthen the 10 pilot communes in Kampot and Kep Provinces and possibly extend to other provinces.
- **Seek fund** to establish CRVS and IPIS systems.
- Pilot systems' connection with other public institutions.

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Experiences from Singapore

Study Visit to ICA
Immigration and Checkpoint Authority (Aug 2018)

What is ICA is doing?

- ▶ Birth/Marriage/Death registrations
- ▶ ID Card
- ▶ Passport
- ▶ Visa/Visit/Working permit
- ▶ Permanent Resident Permit
- ▶ Citizenship/Nationalities
- ▶ Cargo, goods, products, clearance across the border
- ▶ Border security

"A leader in border security and identification"

What we have leant?

▸ Understand the systems and service they provided… (manage huge services for 100K customers everyday at ICA)

▸ **One stop place for registration service** from birth -to- death… From birth registration, marriage, ID card, passport, death registration, etc.

▸ Keep all residences' record or bio-data **(good and bad)** for national development and security.

▸ **Apply online and receive at home** for most of documents (e.g., reregistration at age 30 or 55 years olds).

▸ **One single reliable source** for population registration, information, verification, investigation, and national security, etc.

▸ Many lessons and models we've learnt and to be learnt to improve our project.

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