



National Employment Agency



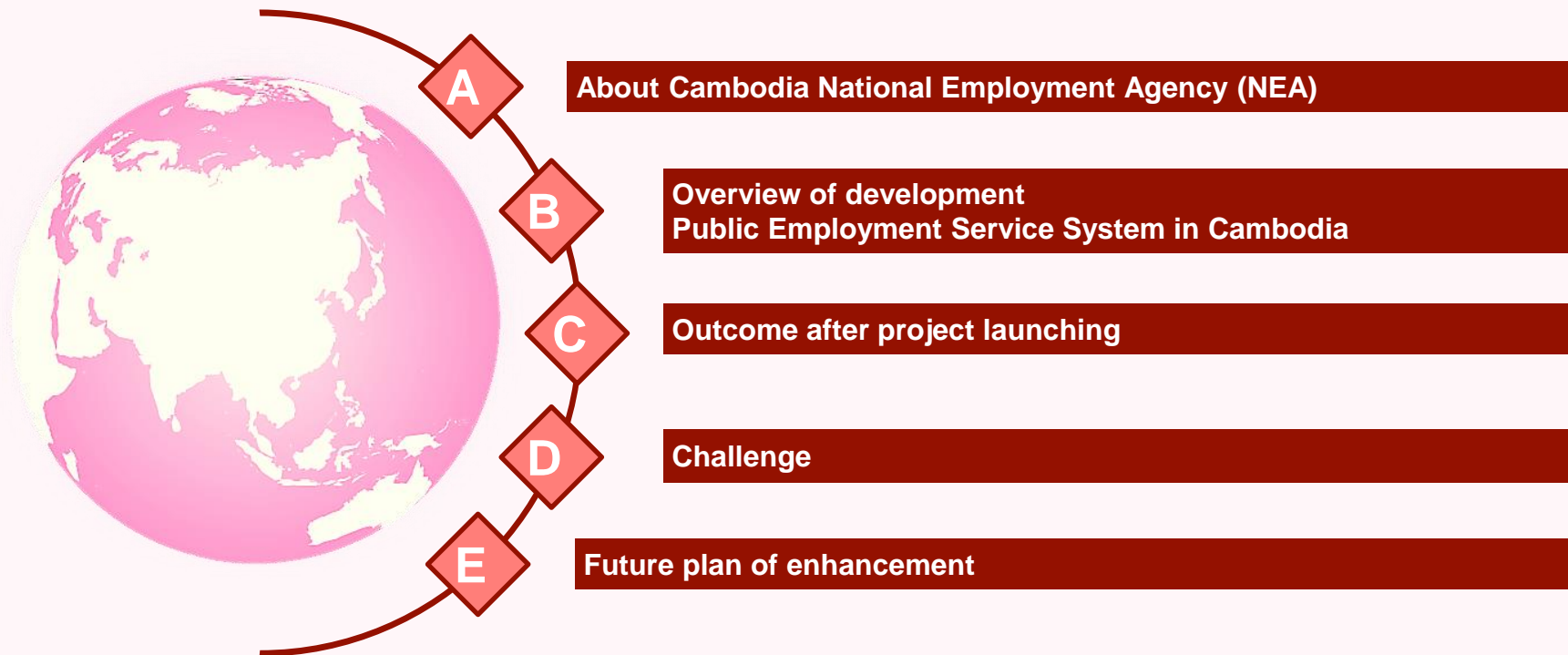
Ministry of Labour and Vocational Training

Development of Public Employment Service (system) in Cambodia

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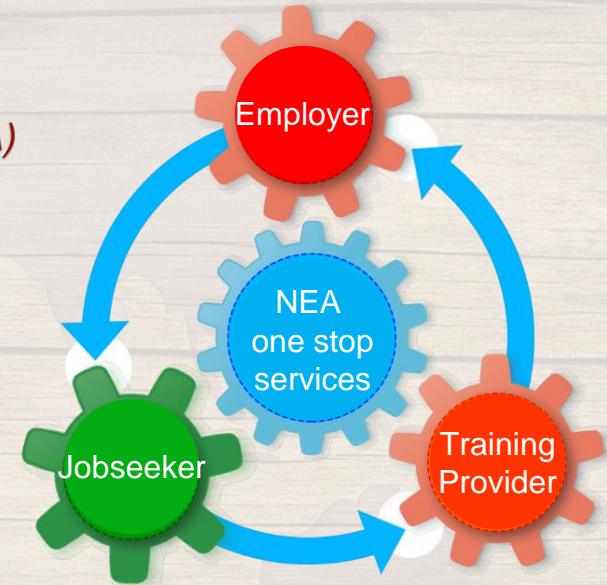
Content





National Employment Agency - NEA

- Was established in 2009 As a *Special Operating Agency (SOA)* under the National Training Board (NTB) to provide *Employment Service (ES)*
- Began operational in March 2010
- Assigned as a “Designated Statistical Unit” in 2010 to compiling, analyzing data and information to be publicly disseminated the *Labor Market Information (LMI)*



Services delivery



www.nea.gov.kh

- PES System
- Career fair
- Internal mgt.



- Job Search
- Career Fair
- Soft Skill



14 Job Centers



03 Mobile Job Center



CAMBODIA





Overview of development Public Employment Service (system) in Cambodia

Before project implement (base on internal resource)

Employment system

- Built many fragment system
- Manually process of screening, selection, referral and feedback
- Registration mostly done by staff
- Paper format based, no sharing data

Network infrastructure

- Lack of tools and equipment, hardware ICT infrastructure
- Database and system hosting with private company

Database structure

- Fragment data table, many index and joins, low performance, difficult to ensure data consistency and reliability
- Manually data management, no systematic backup and insufficient

Project implement (MOEL - Republic of KOREA)

Under cooperation and the Knowledge Sharing Project (KSP) among WAPES members countries Cambodia and the Republic of Korea had an arrangement for cooperation signed on April 16, 2018, in Sejong, Republic of Korea.

Title: Korea-Cambodia WorkNet

“Development of Public Employment Service System in Cambodia”.

Objective: To improve the quality and efficiency of the current employment service process in Cambodia.

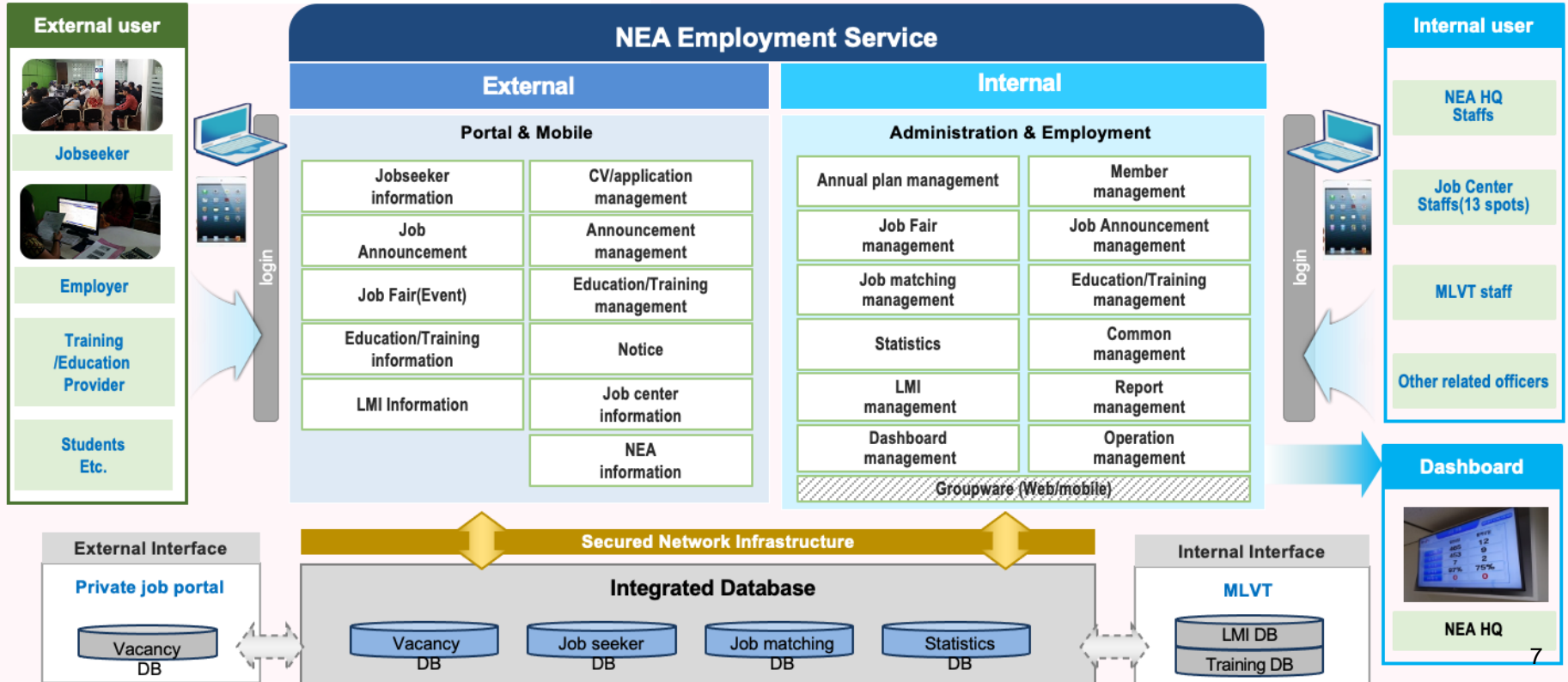
Project Duration: 2018-2021

Project Title	Development of Public Employment Service System in Cambodia
1 st Year 2018	Design IT Service model and system architecture for the modernization of Cambodia PES, by conducting survey and analysis to making Information Strategic Plan (ISP)
2 nd Year 2019-2020	<ul style="list-style-type: none">- Development Public Employment Service Portal- Construction for IT infrastructure of the system- Development for IT technical capacity for PES operation
3 rd Year 2020-2021	System stabilization and maintenance

Information Strategic Plan (ISP)

Target Modeling to be develop

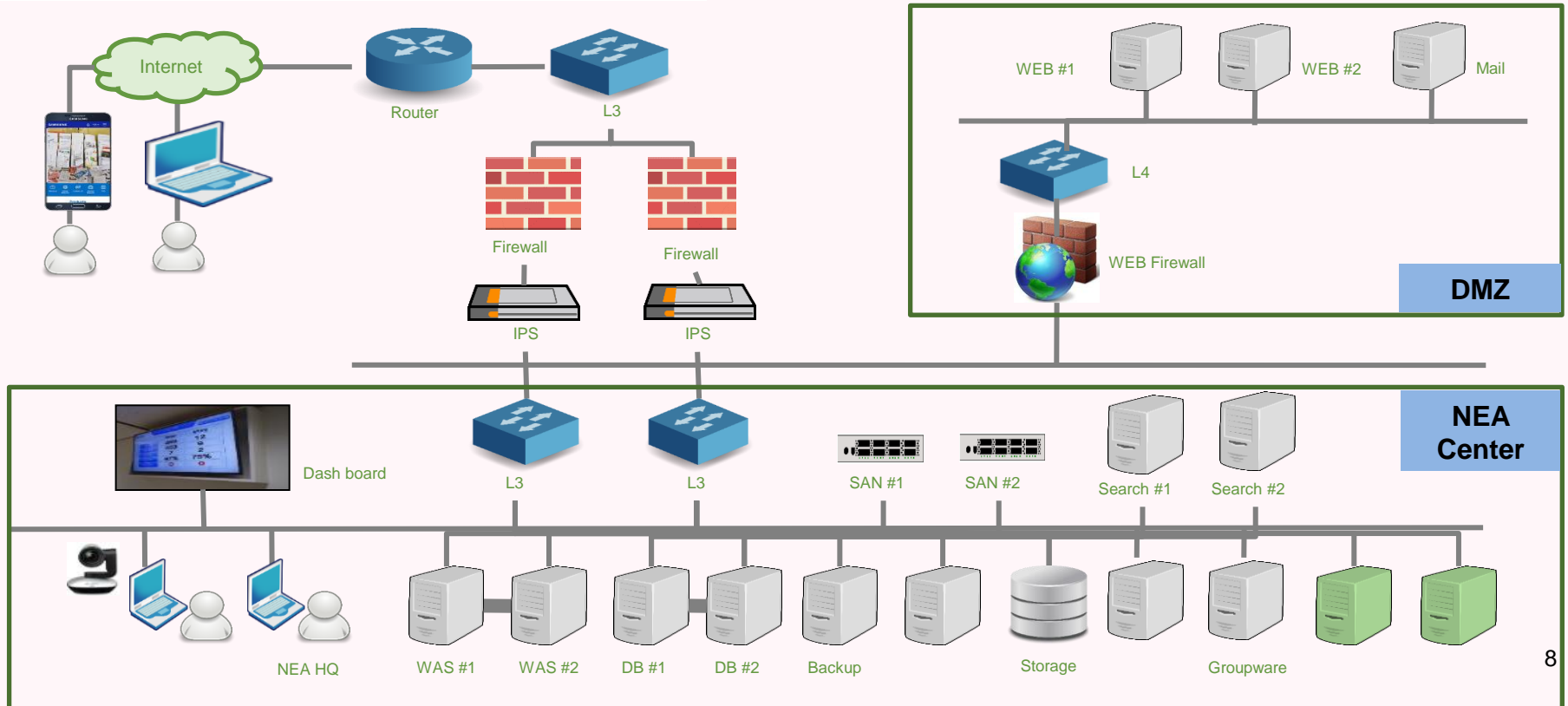
System Architecture and Configuration Diagram



Information Strategic Plan (ISP)

Target Modeling to be develop

Network Infrastructure and Configuration Diagram





Outcome after project launching

Integrated Employment system

- Employment service portal for external users
- Internal administrative work integration
- Job Fair(event) management
- Users oriented and interconnected information
- Dash board for internal management

Advanced IT infrastructure

- Server, backup storage, network, firewall, standard server room & other related hardwares (data center, computer, tablet...)
- HA: WEB, WAS, OS, DBMS, system security and monitoring tools

Standard Database

- DB integration and center link building
- XML API linkage

Video interview

- Video conference between NEA and job center
- Video interview service between Job Seeker and Employer

Organization Mail Server

- **Groupware** Services for internal users (mail, messenger, calendar, DMS, etc.)

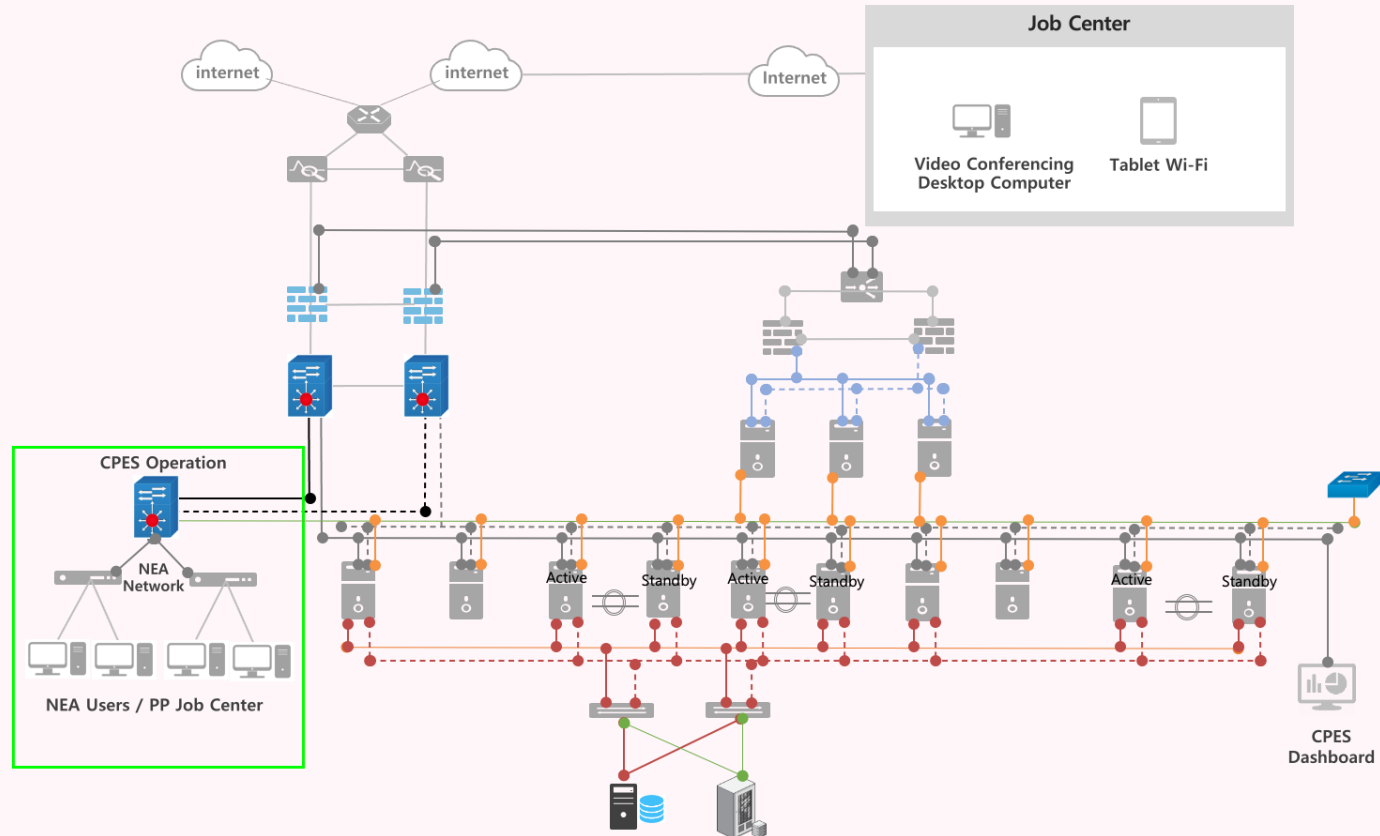
Capacities building and IT skills transfer

- How to operate and monitoring of Server room basic skill to 3 staffs
- Do the job training on system development using Java and spring framework to 4 staffs
- Determine of the base line technology adaptation on code standard, framework platform of system development and topology of network infrastructure etc.

Web Portal Graphic Design



Server Room & Network Architecture



Data Center & System Operation Center





Challenge

Capacity Building for IT Staff

- Intensive and repetitive training for IT staff and non IT user
- Advance training on network configuration and maintenance
- Understanding EPS service modeling in any good experience countries.



Future plan of enhancement

Equipment and infrastructure

For further consideration, all technical technology will come with licensing or expiry date with maximum usage, it may impose challenges for NEA to replace the equipment.

Feasibility provide employment services using internet kiosks at the commune administrative office

Expand accessibility of CPES system

Promotional material user support (Video, leaflet,...)

Dissemination workshop and outreach activities

National, provincial and mobile fair

Modification and addition existing function

Update and develop more functions on NEA's mobile Apps Job search

Career self assessment test, develop an integration system to the CPES

LMI/Static more systematic computerization with comprehension function (KEIS model base) for internal use.



Thank you