Contents

1. **Overview of Cambodia**
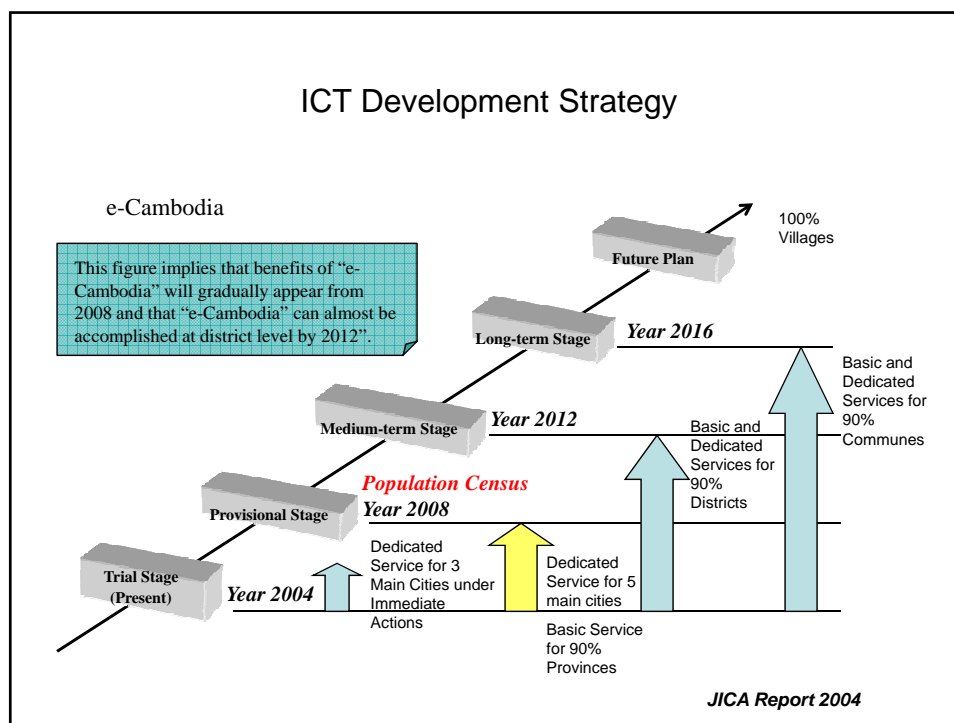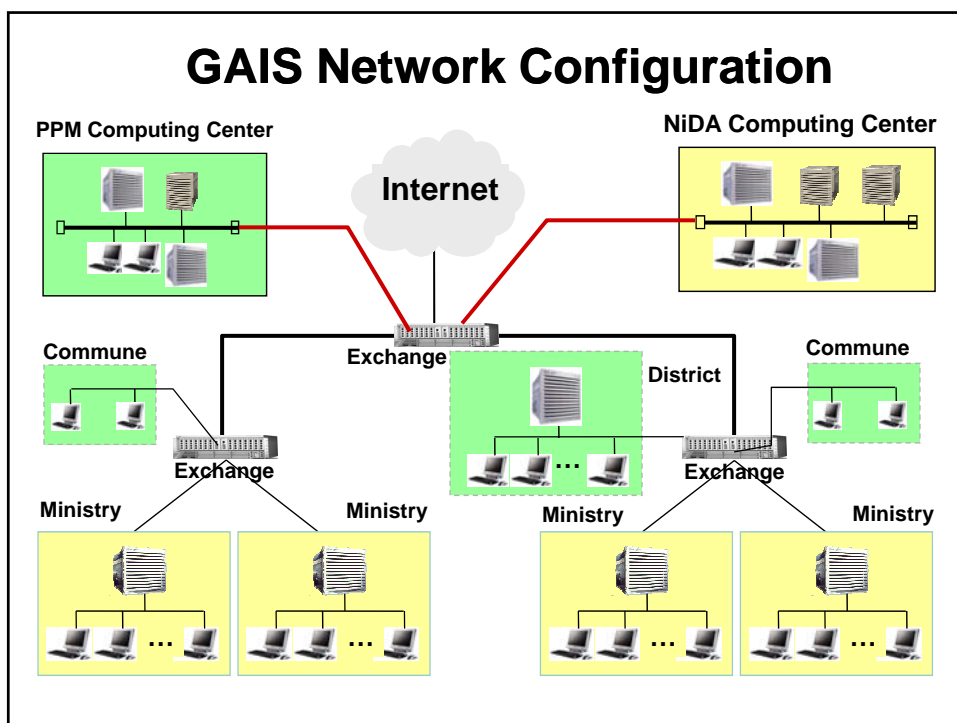2. **NiDA & Policy Formulation**
3. **FOSS Master Plan**
4. **State of Technology for the Localization**
5. **Implementation Strategy**
6. **Motivation**
7. **Networking and Partnership**
8. **Certification**
9. **Curriculum Development**

NiDA Organisation Structure

CHAIRMAN

Samdach Hun Sen,
Prime Minister

VICE CHAIRMAN

H.E. Sok An,
Deputy Prime Minister

GAIS

SECRETARY GENERAL

H.E. Dr. Leewood Phu

Deputy Secretary General

POLICY

Noy SHOUN

Deputy Secretary General

Human Capacity Building and FOSS/CITEC

Deputy Secretary General

ENTERPRISE

Deputy Secretary General

ENFRESTRUCTURE

Deputy Secretary General

CONTENT APPLICATION

Deputy Secretary General

ADMIN

E-GOVERNMENT

- E-GOVERNMENT5
- E-BUSINESS 1
- E-BUSINESS 2
- E-HEALTH
- E-TOURISM
- VIDEO CONFERENCE
- WORRIERS OF THE NET

## ICT Development Strategy

e-Cambodia

This figure implies that benefits of "e-Cambodia" will gradually appear from 2008 and that "e-Cambodia" can almost be accomplished at district level by 2012".

Future Plan — 100% Villages

Long-term Stage — *Year 2016*

Medium-term Stage — *Year 2012*

Population Census
Year 2008

Provisional Stage

Trial Stage (Present) — *Year 2004*

Dedicated Service for 3 Main Cities under Immediate Actions

Dedicated Service for 5 main cities

Basic Service for 90% Provinces

Basic and Dedicated Services for 90% Districts

Basic and Dedicated Services for 90% Communes

JICA Report 2004

Successful Practical GAIS Project by NiDA

CELEBERATED GAIS PROJECT UNDER CAMBODIAN PRIMISTER AND KOREAN PRIME MINISTER

GAIS Network Configuration

PPM Computing Center

NiDA Computing Center

Internet

Commune

Exchange

District

Commune

Exchange

Exchange

Ministry

Ministry

Ministry

Ministry

...

...

...

...

...

2005

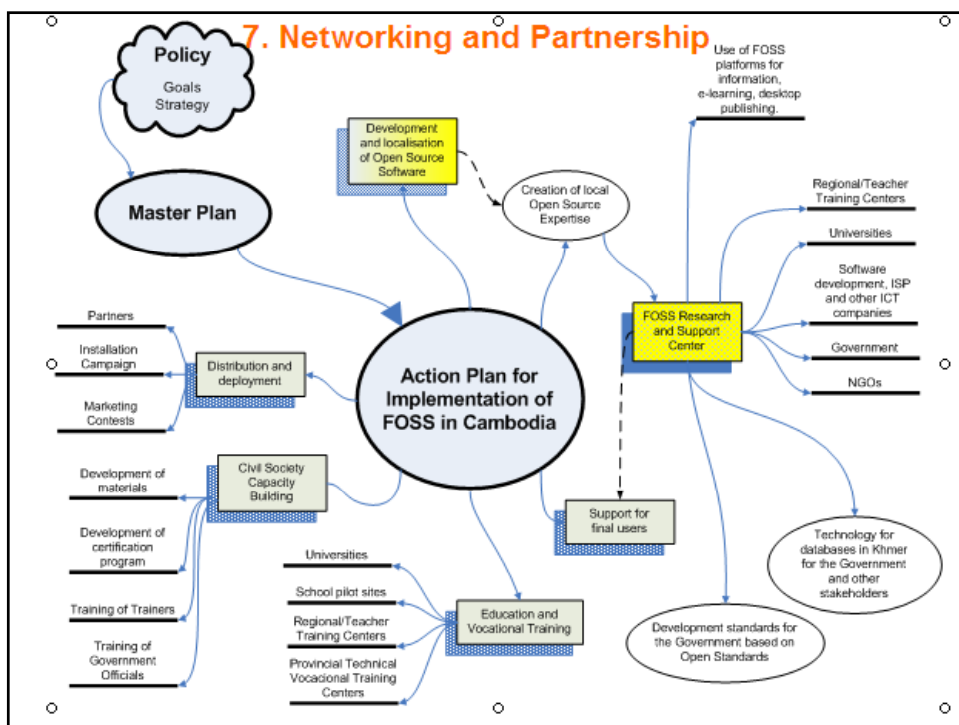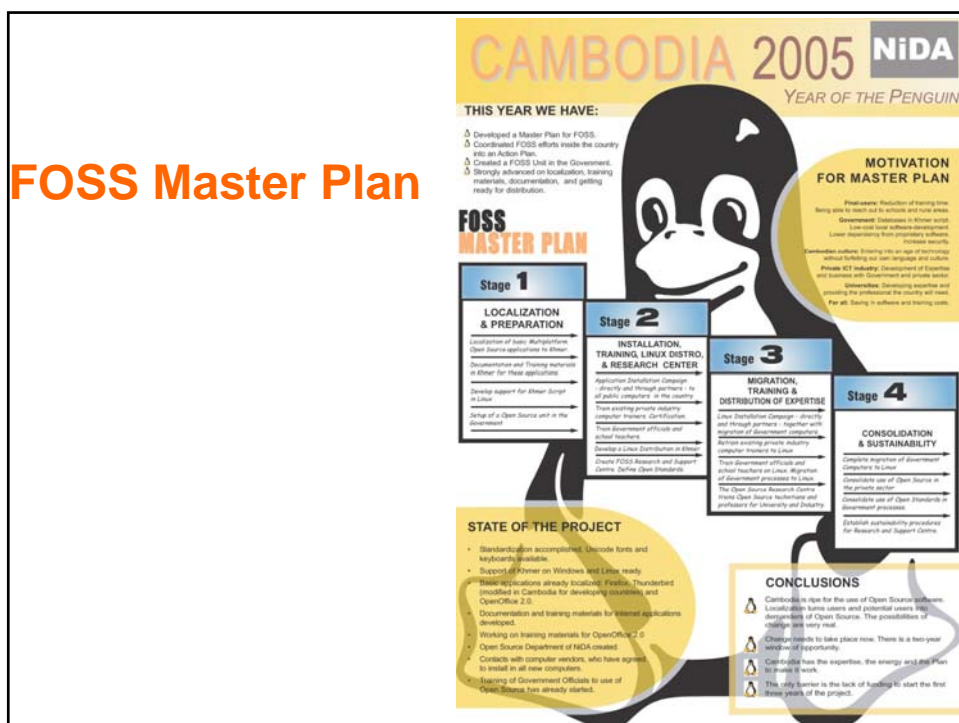- Change in gears
  - Understanding the value of FOSS and localization.

English

Computer

Localization separates the skills of "English" and "Computer".

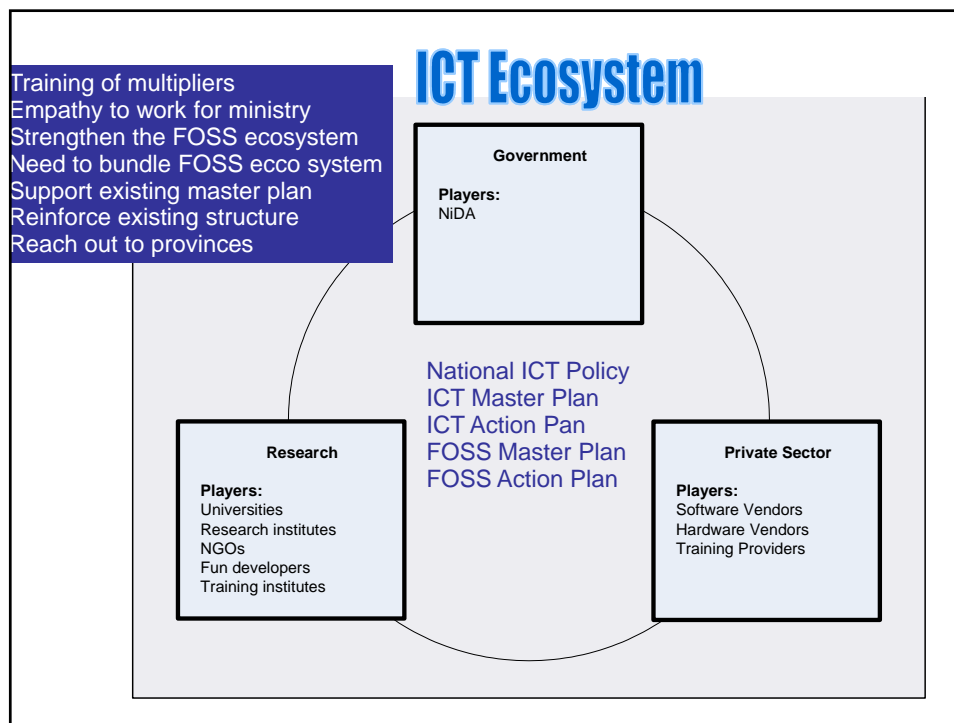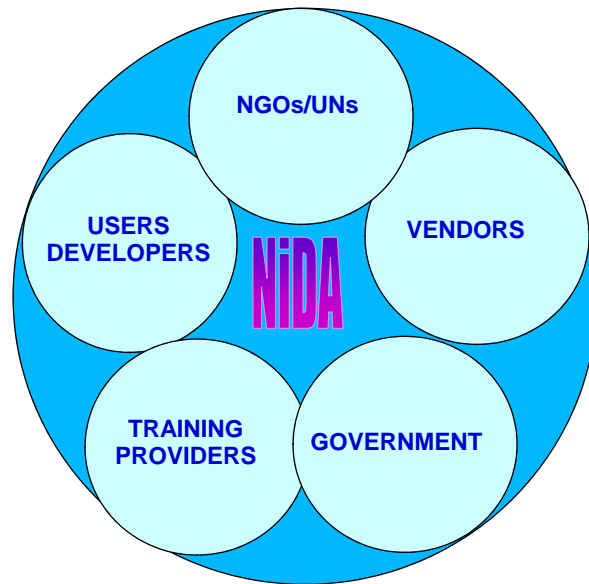Localization of Open Source in countries where no other localized software is available

creates
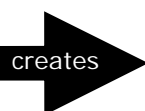
competitive advantage and demand for FOSS from users.

FOSS Master Plan

7. Networking and Partnership

OPEN ICT ECOSYSTEM
Every one must have their own block

ICT Ecosystem

Training of multipliers
Empathy to work for ministry
Strengthen the FOSS ecosystem
Need to bundle FOSS ecco system
Support existing master plan
Reinforce existing structure
Reach out to provinces

Government

Players:
NiDA

National ICT Policy
ICT Master Plan
ICT Action Pan
FOSS Master Plan
FOSS Action Plan

Research

Players:
Universities
Research institutes
NGOs
Fun developers
Training institutes

Private Sector

Players:
Software Vendors
Hardware Vendors
Training Providers

Networking and Partnership

- Internet Café
- Training Provider (universities, Institutes, Colleges, Training Centers)
- PC and Software Vendors
- SME
- Regional Teacher Training Center
- Teacher Training Center
- Regional Technical Training Center
- Provincial Training Center

Note: all training we are focus in multiplier training channel,

- First training, NiDA conduct training, NiDA provide all curriculum, training material, handout, exercise paper etc
- Second training, NiDA conduct training our partner become our assistant
- Third Training our partner conduct training and NiDA provide their assistant to ensure that our partner feel more confident
- Forth, fifth so on NiDA provide support

FOSS RESEARCH & SUPPORT CENTER

RESEARCH AND SUPPORT CENTER

- FOSS Developer Group
- Call Center
  - Support online
  - Assist FOSS User Group
- R&D
- Survey on ICT Current Labor Market
- Survey on Training Provider
- Training/Learning Need Assessment
  - Conduct the survey what is the priority skill
  - Priorities the skill and prepare curriculum
  - Prepare training material base on the curriculum
  - Review the curriculum and modify upon course evaluation
  - Contest
- NiDA Collaboration

Target Group

- Public Sector Employees
- CIO from all ministries
- IT Supporters
- School Teachers
- University Students
- SMEs
- End Users
- Farmer - Communities
- Grassroots level of students

FOSS Professional Certificates

Curriculum Development

University TTC	Advisory Group	Private Com/NGOs

NiDA (Gov't)

FOSSC

Professional user

KDE

OpenOffice

Internet

Word processor

Spreadsheet

Presentation T.

e-mail

Browsing

Professional ICT certificates

Linux Programming Certificate

Linux Administration Certificate

User certificates
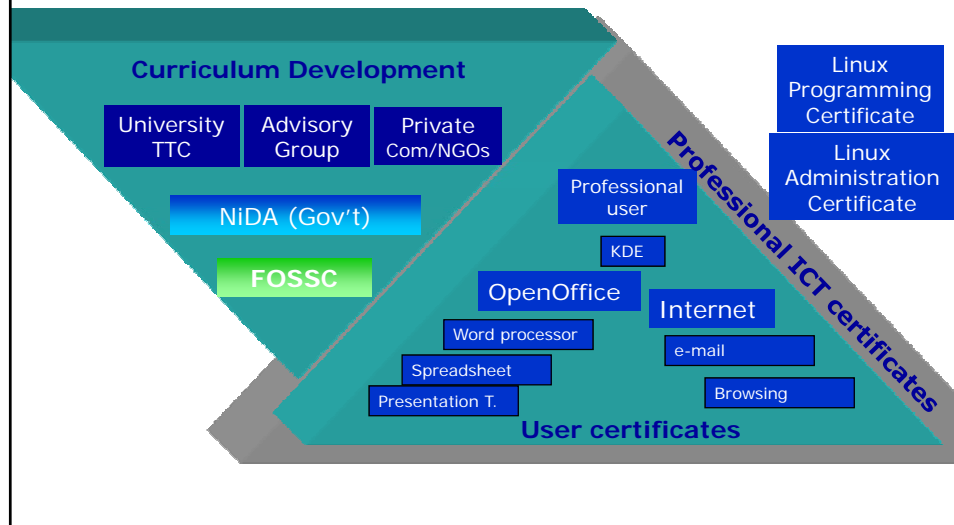
Curriculum Development

- SuSe Linux 10.2
  - Administrator
  - Beginner
- OpenOffice 2.2
  - Khmer Standard Unicode
  - Writer
  - Cal
  - Impress
  - Base
- Thunderbird
- FireFox

Training Methodology

- Master Trainer 45
  - Current trainer, NiDA conduct training for conduct training in FOSS
- Trainer 550
  - Select the good trainee who wheeling to conduct training to others and NiDA conduct training for them on Master Trainer
- Power End User 0ver 10,117
  - Training for free and free material, the only conduction is to conduct training and support other and we call them again for the other training for the trainer program

Localizations Website

-
  * http://dev.laptop.org/translate/ Our Pootle repository for localization into dozens of languages.
  https://dev.laptop.org/translate/km/honey/PlayGo.po?translate=1
- * http://wiki.laptop.org/go/Localization How the OLPC localization
  projects work, with Khmer as an example.
  * http://wiki.laptop.org/go/Pootle How Pootle works, and who is
  signed up to work on which languages.
  Ubuntu Localisation:
  https://translations.edge.launchpad.net/ubuntu/hardy/+lang/km
- Joomla
  http://groups.google.com/group/jugcam/web/khmer-localization-of-joomla

Conclusion

ICT4 **P**eace and **S**mile

ICT4 **G**ender and **E**qual **A**ccess

ICT4 **P**overty **R**eduction

ICT4 **T**ools in **E**ducation

ICT4 **E**mployment **G**eneration

ICT4 **I**ncome **G**eneration

ICT4 **T**ransparency and **A**nti **C**orruption

ICT for all

E-Strategies

- Policies need strategies
- Strategies need action plan
- Action Plans need implementation

Strategies are a set of <u>concrete directions</u> that address policies

Policies become <u>action-oriented</u> through Strategies

Without Strategies, policies will <u>not</u> have much meaning

POLICIES

⬇

STRATEGIES

⬇

ACTION PLANS

⬇

IMPLEMENTATION

TRAINING ICT VENDORS

TRAINING ITEE & LOCALISATION UNIVERSITY STUDENTS

TRAINING OTHERS

KHMER FOSS TRAINING IN PREAH VIHEAR PROVINCE (70 TRAINEES)

HAND OVER TRAINING MATERIAL, KEYBOARD, TEXT BOOK AND ACTIVITIES 13-14 JULY 2009

KHMER FOSS TRAINING IN ODDOR MEANCHEY PROVINCE (67 TRAINEES)

HAND OVER TRAINING MATERIAL, KEYBOARD, TEXT BOOK AND ACTIVITIES 13-14 JULY 2009

KHMER FOSS TRAINING IN KOH KONG (60 TRAINEES)

HAND OVER TRAINING MATERIAL, KEYBOARD, TEXT BOOK AND ACTIVITIES 02-06 FEBRUARY 2009

KHMER FOSS TRAINING IN KAMPONG THOM (60 TRAINEES)

HAND OVER TRAINING MATERIAL, KEYBOARD, TEXT BOOK AND ACTIVITIES 22-27 DECEMBER 2008

KHMER FOSS TRAINING IN KAMPONG SPEU (60 TRAINEES)

HAND OVER TRAINING MATERIAL, KEYBOARD, TEXT BOOK AND ACTIVITIES 15-19 DECEMBER 2008

KHMER FOSS TRAINING IN KAMPOT AND KEP (77 TRAINEES)

TRAINING

- **MILITARY**
- **POLICE**
- **GOV'T (PROVINCIAL/DISTRICT)**
- **TRAINING PROVIDERS**

HAND OVER TRAINING MATERIAL, KEYBOARD, TEXT BOOK AND ACTIVITIES 3-7 NOVEMBER 2008

KHMER FOSS TRAINING
48 Training Providers and
Provincial Government
Employee
Regional Teacher Training
Center, Hun Sen, Kandal,
16-22 December 2006

KHMER FOSS TRAINING
57 Training Providers and
Provincial Government
Employee
Build Bright University,
Siem Reap,
25-29 December 2006

KHMER FOSS TRAINING
45 Training Providers and
Provincial Government
Employee
Cambodia University
Specialties (CUS),
Siem Reap,
25-29 December 2006

The first training providers have adopting the SuSE Linux
Training of Khmer Applications for Training Providers and Ministry of Labor and Vocational Training Employee
National Polytechnic Institute of Cambodia (NPIC)
24 Jul–11Aug 2006

Training of Khmer Applications for Training Providers and Provincial Government Employee
BBU, Battambang, 6-10 February 2006

Training of Khmer Applications for Training Providers and Provincial Government Employees
Angkor University, Siem Reap
14-18 February 2006

**Khmer Applications for Training Provider & Provincial Government Employees
Build Bright University (BBU), Takeo, 20-24 February 2006**

Training of Khmer Applications for Trainer (30 School Teachers and Health Centers)
NiDA Training Room

- **120 trainees are being train a months**
- **In Khmer Application from January 2005**
- **Two weeks training**
- **Open to public**
- **45 hours each training course**

Achievement of the FOSS 2005
Free/Open Source Software Seminar-January 6, 2005

Chair By: H.E. Leewood Phu, Speaker Prof. Masayuki Ida and Mr. Javier Sola

Seminar of Utilization Strategy of OSS in Cambodia, 5-6 Jan 2006 by Prof. Masayuki Ida
NiDA Cambodia and CICC Japan

Achievement of the FOSS 2005
Training of trainers

Training Workshop in ICT and FOSS for the government official in Siem Reap Province, 20/03/2005

FOSSAP II – Siem Reap, Cambodia 1-4 Sept 2005

Achievement of the FOSS 2004
National Seminar on ICT Education for Government Official

Human Networking
- Two Heads are better than one
- Team work and share your experience
- Make things happen
- Be free and open
- Poor can help, but lazy can't help
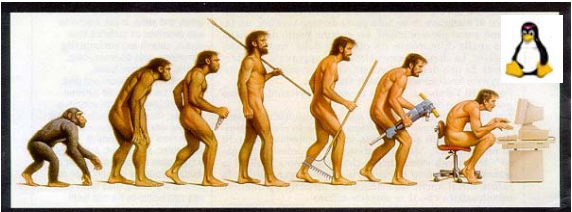
We can't spell

S _ CCESS

without U

OUR SUCCESS
WE WOULD LIKE TO CONVEY OUR SINCER THANKS TO GOVERNOR BHUTAN, DEPT IT, PAN LOCALISATION, IDRC CANADA,

CREDIT TO
DONORS AND SUPPORT AGENCIES: KHMERFOSS TEAM, CICC, JIKA, INWENT, IDRC-PAN LOCALIZATION, UNDP-APDIP ETCS.

And all participant for kinds cooperation and support

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