

Key Directions on ICT Development in Thailand

The Heart of Thai Society Reform

SMART THAILAND

SMART COUNTRY TECHNOGY

GDS

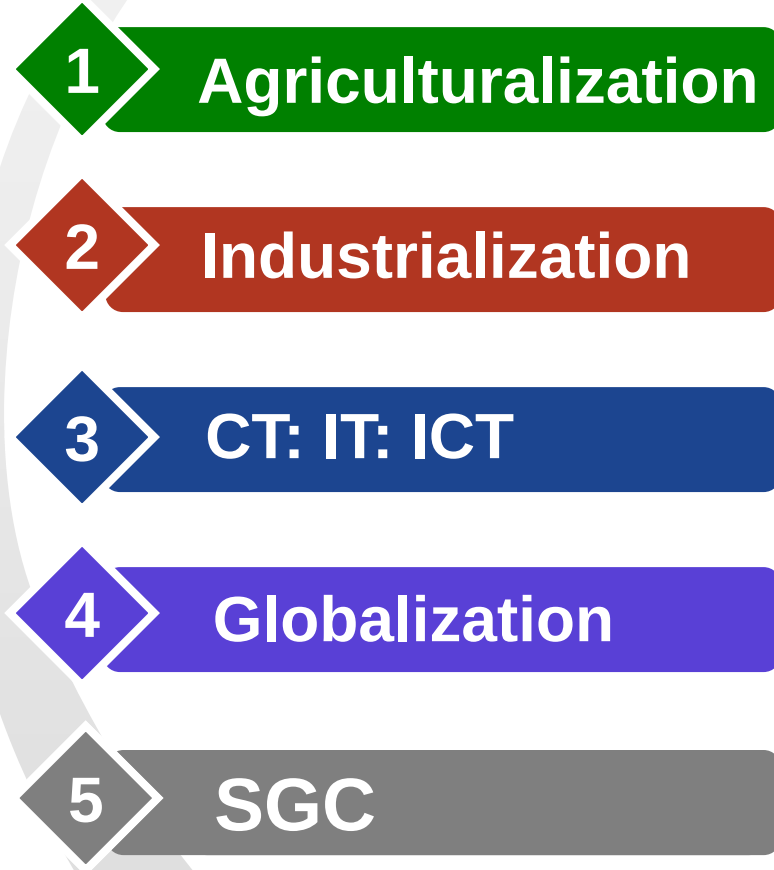
CI-SEEM

Dr. Surachai Srisaracam

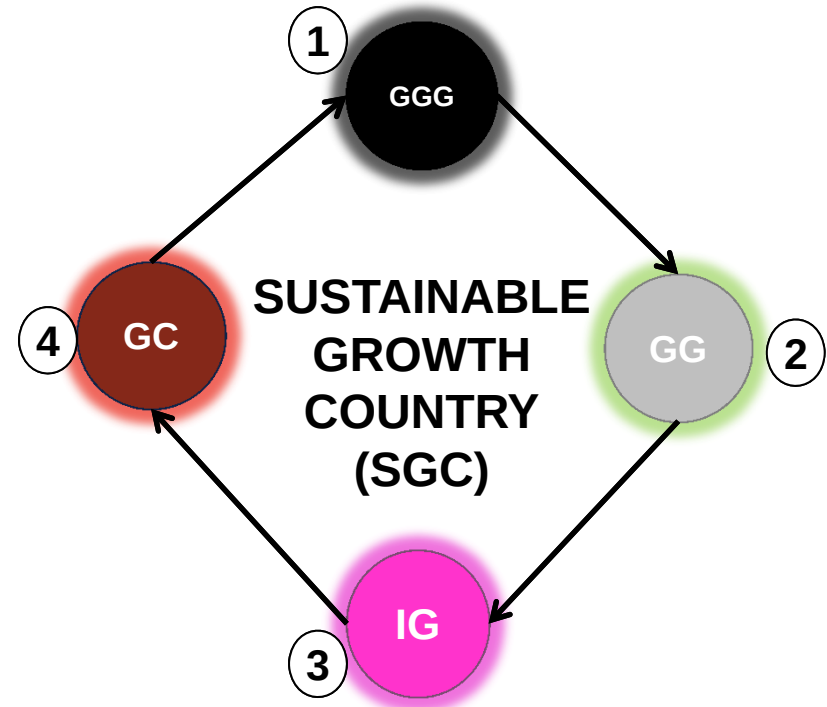
Permanent Secretary, MICT

The computer World Smithsonian Award 1990
NERS : National Electronic Registration System
NYSP : Nakhon Nayok Smart Province

The Age of Society Development



1. GGG = Good Governance Growth
2. GG = Green Growth

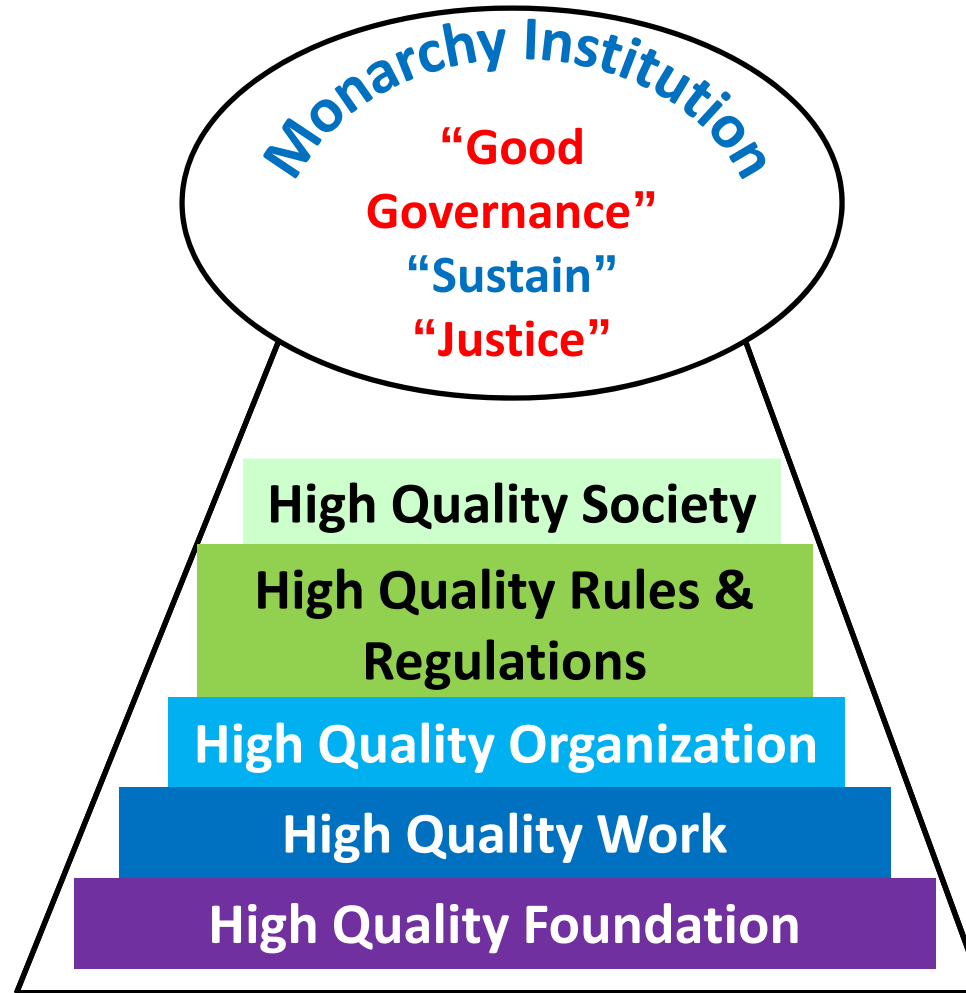


3. IG = Inclusive Growth
4. GC = Growth and Competitiveness

The Dynamic Society

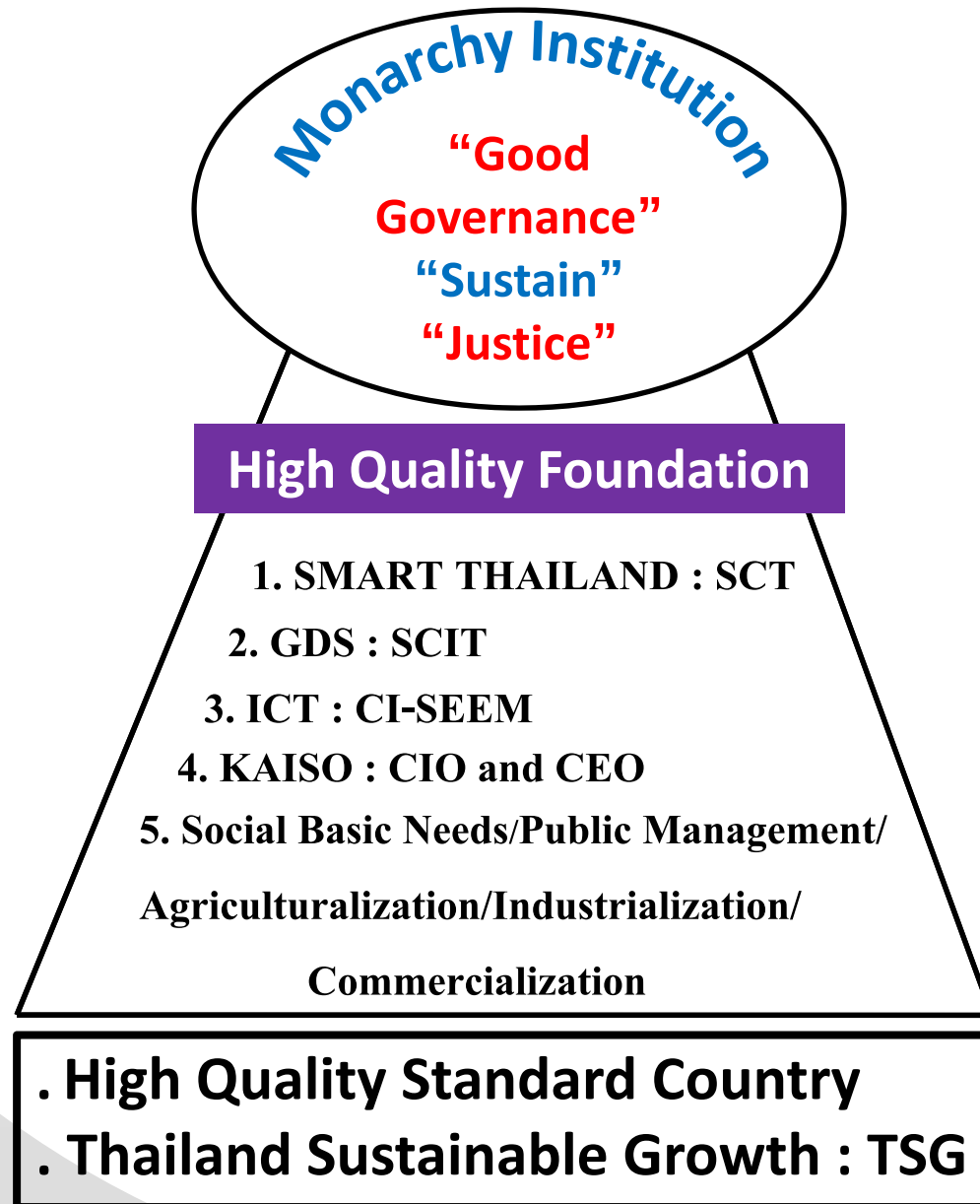
- GLOBALIZATION
- INNOVATION
- CRISIS

Thai Society Reform Solution: BELIEVE THAILAND

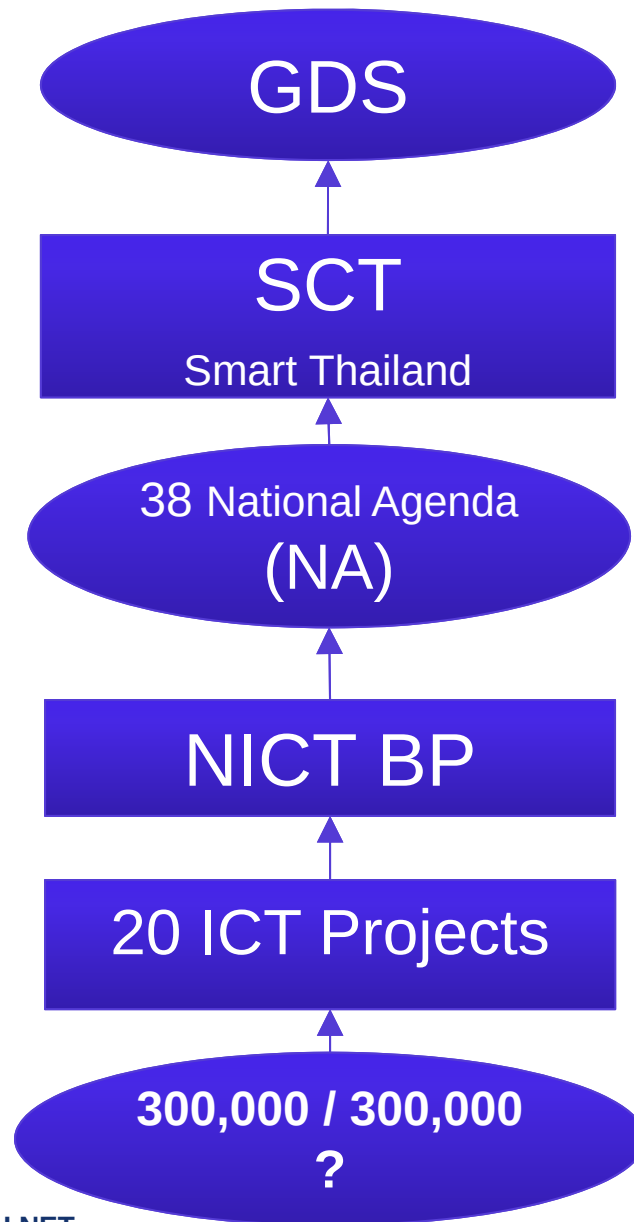


- . High Quality Standard Country : HQSC
- . Thailand Sustainable Growth : TSG

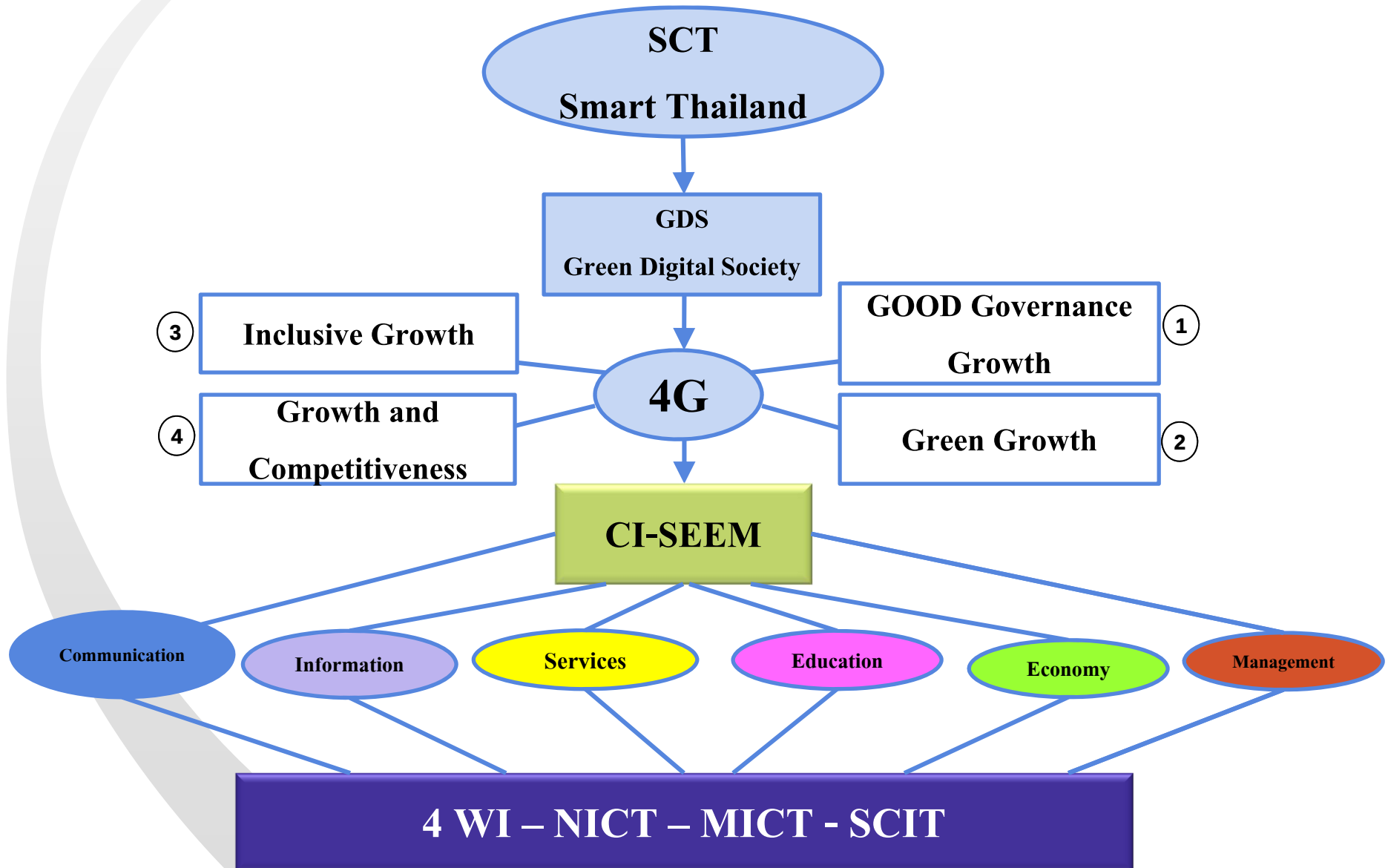
Thai Society Reform Solution: BELIEVE THAILAND

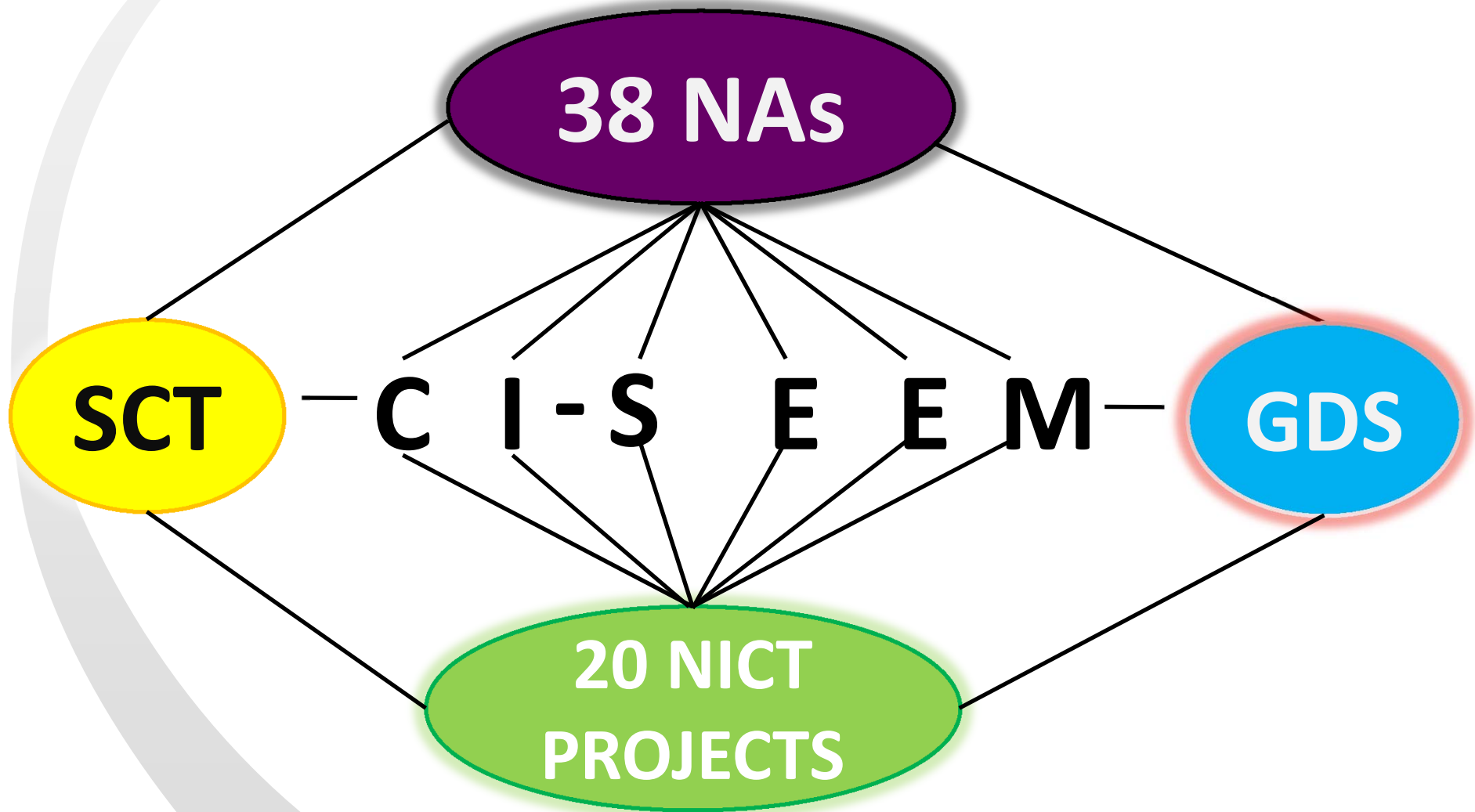


NICT Direction



SCT: Smart Country Technology



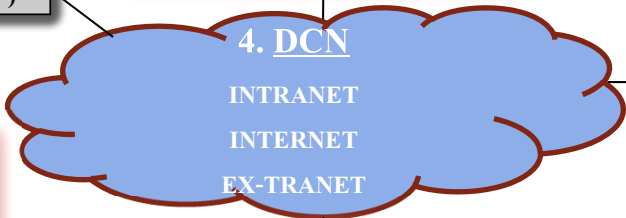


SCT - SNC

1.TARGET / OBJECT

2. IP ADDRESS

3. LINK



**CLOUD
COMPUTING**

- GOV OFFICE
- CI – SEEM-CO
- COOPERATIVE STORE
- POST OFFICE
- SCHOOL-UNIVERSITY
- PUBLIC FREE WIFI
- KIOSK
- HOUSE
- CCTV
- RS/ WEATHER STATION
- SOV – SMD
- IOC - NCC

16. NIG
(CAT)

17. THAI
CYBER POLICE
(CAT)

15. SP-ST
NGIS
NMIS
(TOT)

18. SMART X
(X)

14. NKM
E – Learning
(TOT)

5. NIP – NET
MANAGEMENT
(TOT)

- ASSIGN IP ADDRESS
- NETWORK MANAGEMENT
- NETWORK SECURITY
- NWEB

13. E - COM
(CAT)

6. NERS
(TOT)

- BACKUP
- THAILAND
- INTERNATIONAL

12. THAI
GW P – E PURSE
(CAT)

7. NERS
DXM
(TOT)

- BACK UP SWITCH
- LINK NERS - DB
- NSW
- MPC - MANAGEMENT

11. THAI
E – VOTE
(TOT)

10. THAI
E - DOC
(TOT)

9. THAI
CA
(CAT)

8. THAI
E – MAIL
Thai Social Network
(CAT)

SCT - SCA

1. OS

1.1 UNIX (LINUX)

1.2 WINDOWS

1.3 TCP/IP

1.4 SNMP

1.5 CLOUD COMPUTING

2. RDBMS

2.1 SQL

2.2 ORACLE OR ...X...?

3. DEVELOPMENT TOOLS

3.1 C

3.2 JAVA

3.3 TGL

3.4 XML

3.5 Biometric Authentication

4. GIS

5.OFFICE WARE

5.1 WORD PROCESSING

5.2 SPREAD SHEET

5.3 POWERPOINT

5.4 Web Conference

5.5 Thai Social Network

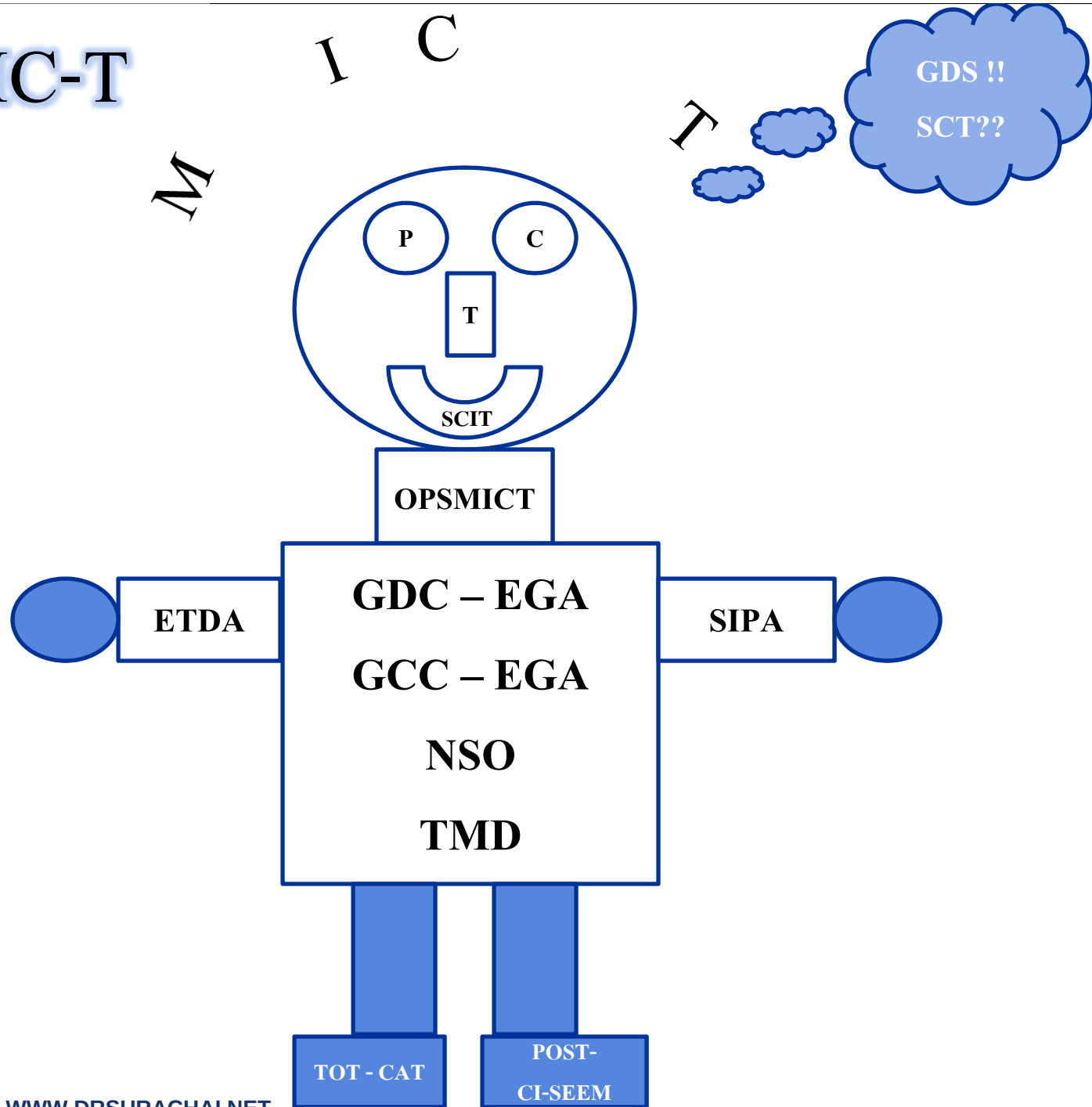
6. USER APP

6.1 IOS

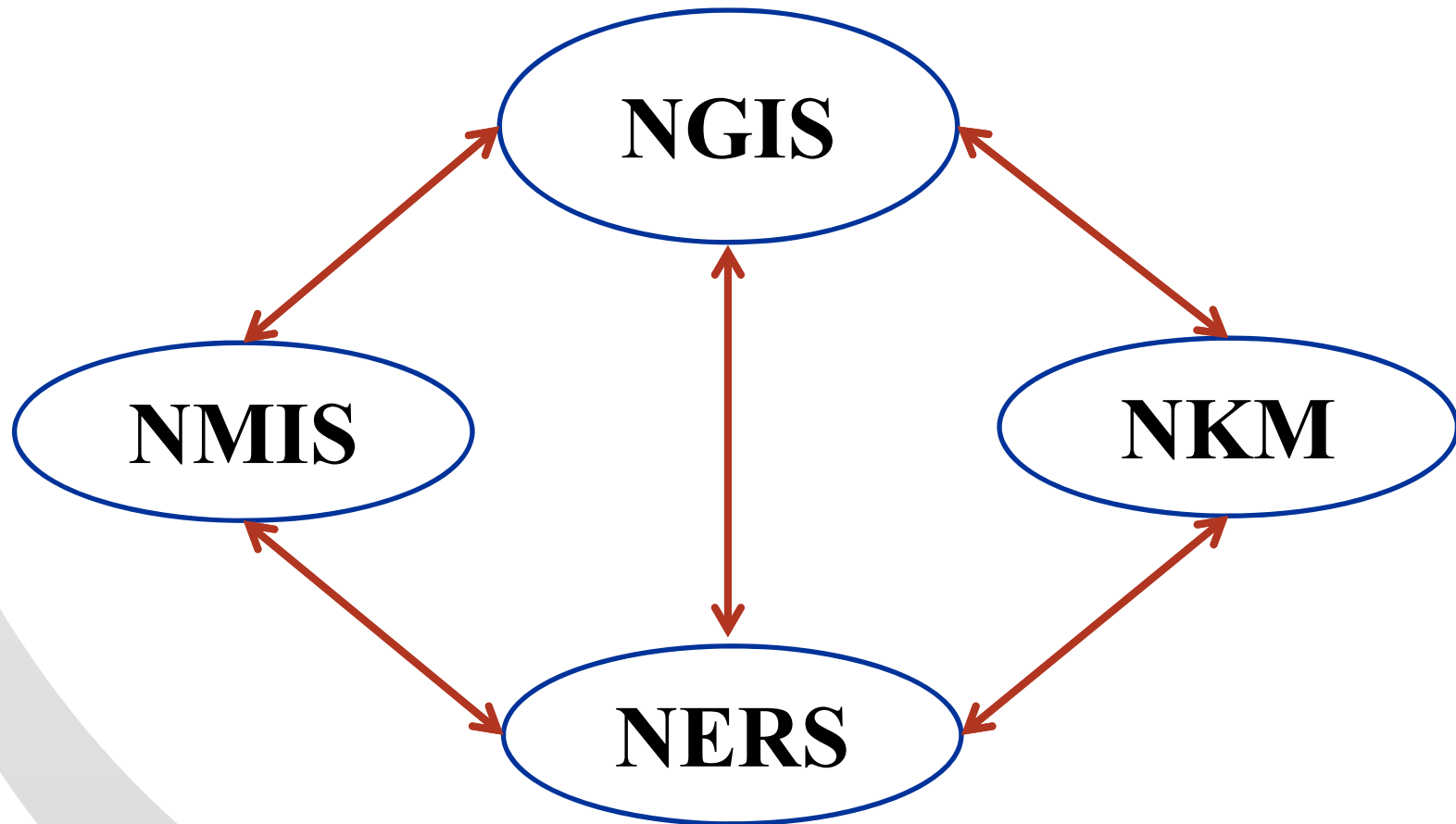
6.2 ANDROID

6.3 WINDOWS

MR.MIC-T



The NDB Layer



Multipurpose ID Card: MPC



Ongoing Projects

1

Public Free Wi-Fi

2

Wi-Fi Network for Education (Tablet)

3

Smart Province

Public Free Wi-Fi

- ◆ **Increase the use of ICT across the country**
- ◆ **Decrease Digital Divide**
- ◆ **Improve “Quality of Life” by ICT**



Public Free Wi-Fi

◆ **Rural Areas**



◆ **Tourist Attractions**



◆ **Public Service / Transportation**



Public Free Wi-Fi

- ◆ 75,000 Wi-Fi Point of Access Available



- ◆ 150,000 Wi-Fi Point – On the way



Wi-Fi Network for Education (Tablet)

- ◆ Improve Thai education with ICT
- ◆ Provide High-speed Internet to Schools
- ◆ Support the One Tablet Per Child (OTPC)



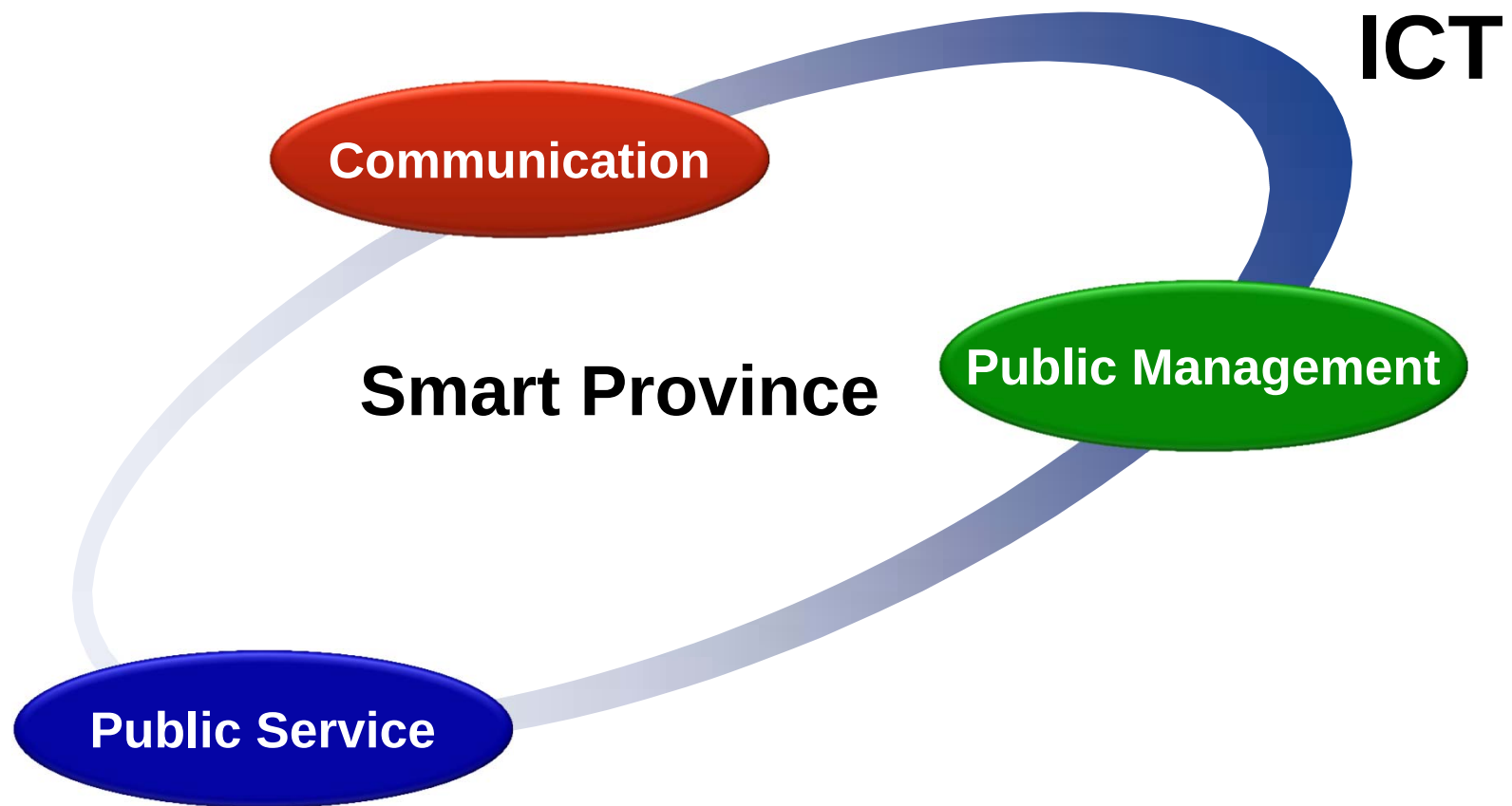
Wi-Fi Network for Education (Tablet)

- ◆ 40,000 primary and secondary schools countrywide
- ◆ Wi-Fi Access Points
- ◆ Fiber / 3G / Satellite



Smart Province

- ◆ The use of ICT to provide the following benefits



Smart Province

Nakhon Nayok Smart Province

- Development of Communication Network
 - Fiber Optic
 - Wi-Fi
- Government offices and Residence Areas



Thank You

Dr.Surachai Srisaracam

**The founder of six theories;
NERS, NYSP, KAISO, PIDHE, PARKS, SCT**

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