



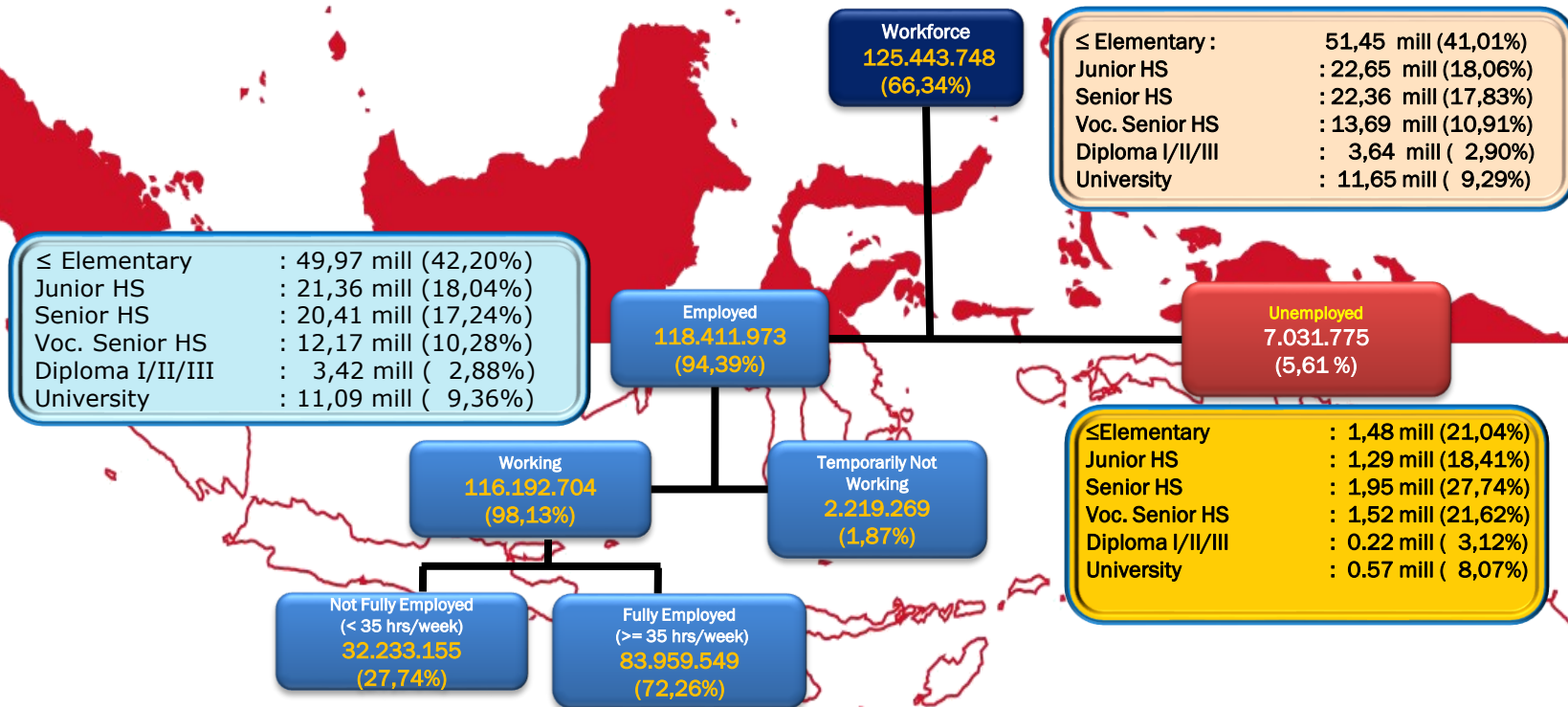
KEMNAKER

INDONESIA READINESS IN PREPARING HUMAN RESOURCES TO FACE DIGITALIZATION ERA

Jakarta, 17 April, 2017



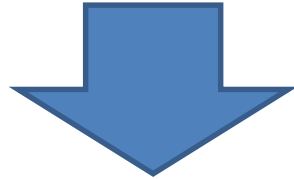
INDONESIA LABOR STATISTICS 2016



Source : BPS, August 2016

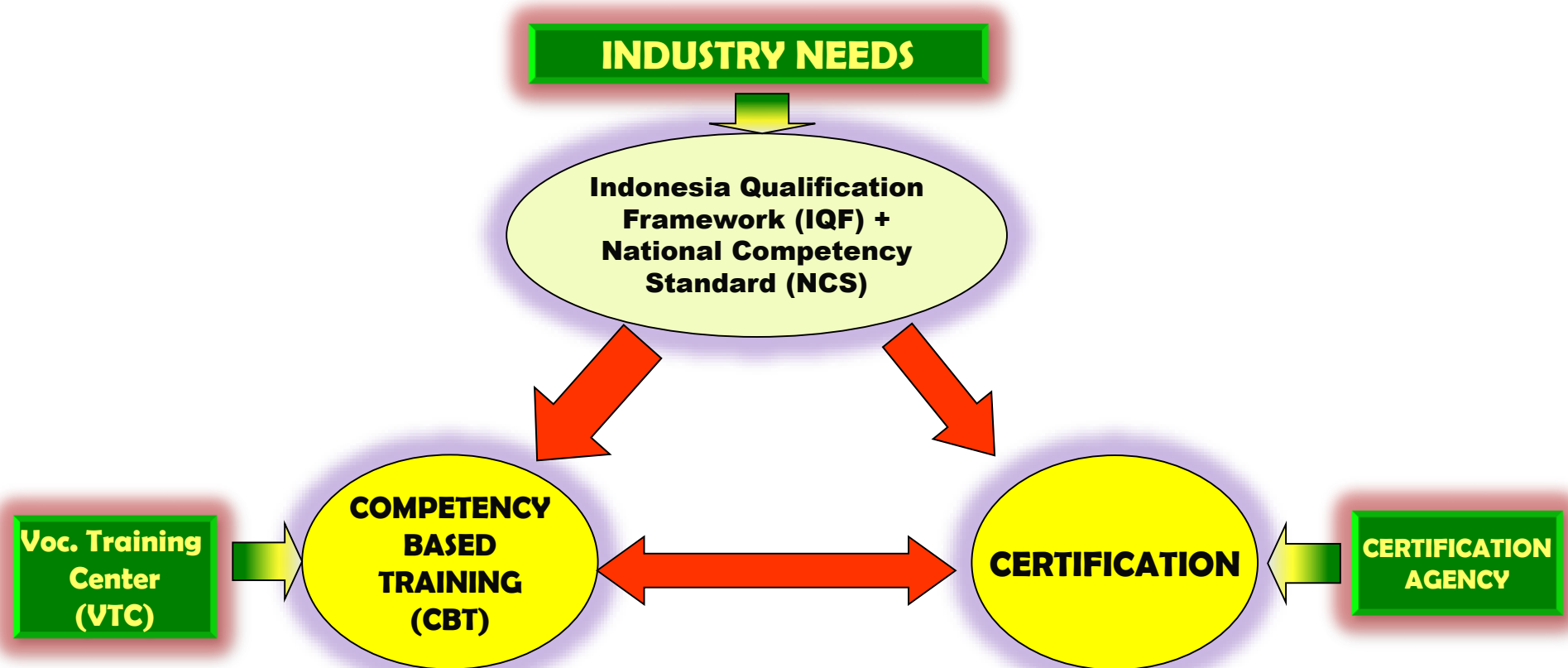
LABOR MARKET CHALLENGE

- × Labour surplus -> high unemployment
- × Dominated by low educated and low skilled labour -> low productivity and competitiveness
- × Majority working in informal sector
- × Skill mismatch

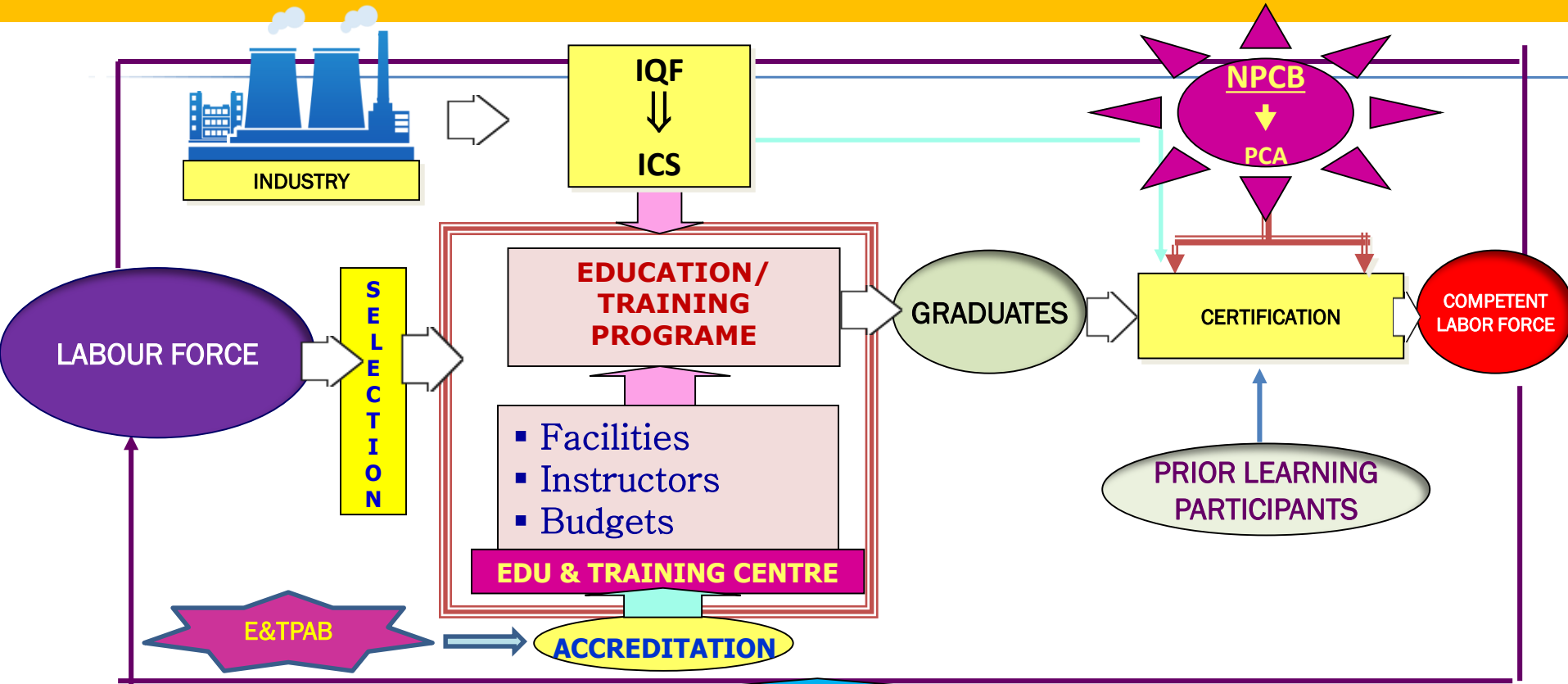


**SOLUTION:
TECHNICAL VOCATIONAL EDUCATION AND
TRAINING (TVET)**

INDONESIA HUMAN RESOURCE DEVELOPMENT STRATEGY



VOCATIONAL TRAINING AND CERTIFICATION SYSTEM IN INDONESIA



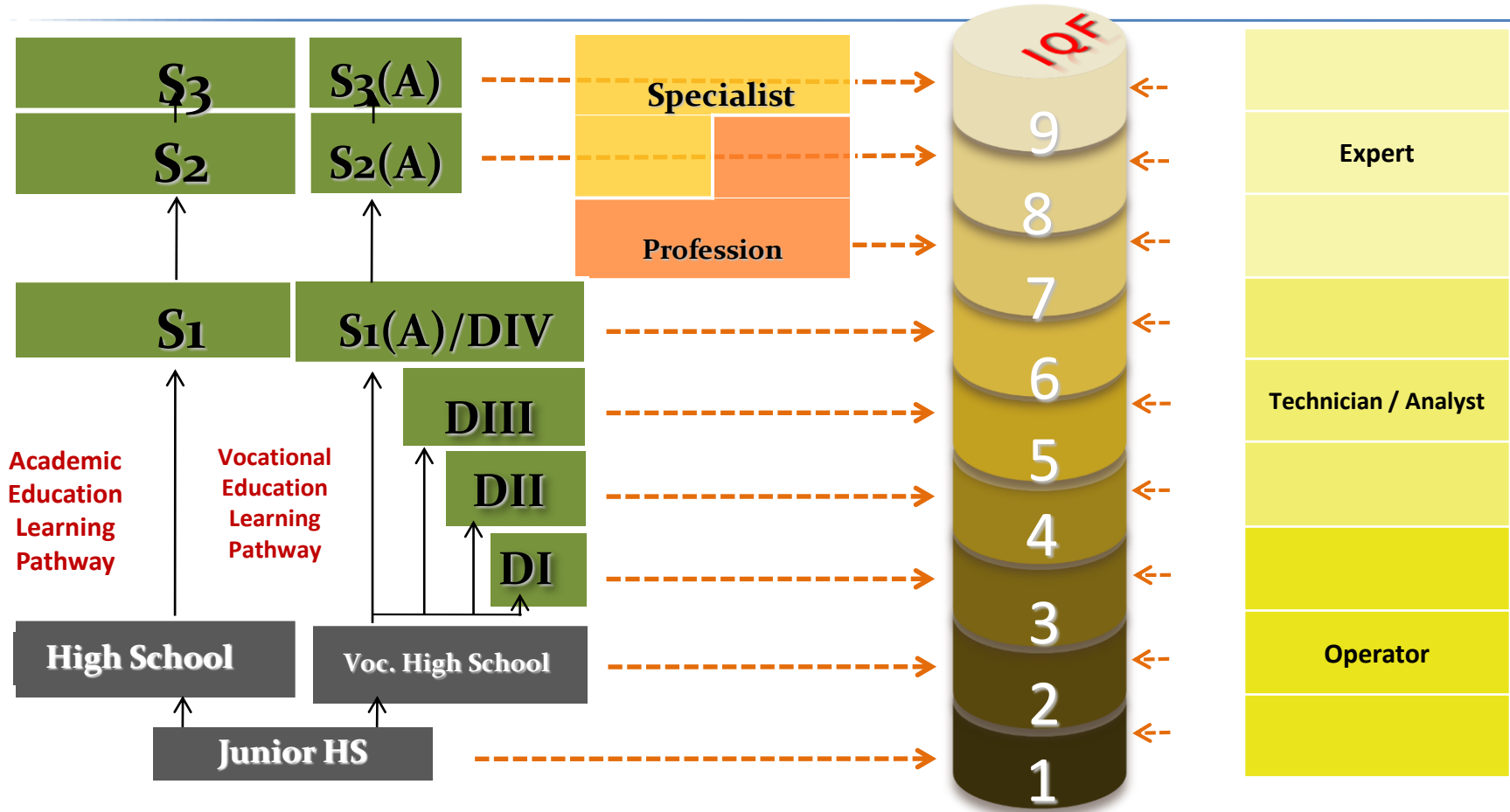
Remark:

- IQF: Indonesia Qualification Framework
- ICS: Indonesia Competency Standard
- NPCB: National Profession Certification Body
- PCA: Professional Certification Agency
- E&TPAB: EDU & Training Provider Accreditation Body

**NATIONAL TRAINING
COORDINATION BOARD**

Indonesia Qualification Framework (IQF)

(Presidential Decree No. 8 Year 2012)



Technical Vocational Education and Training (TVET)

Ministry of Education

- Vocational School (>11,000 school)

Ministry of Research, Technology and Higher Education

- Academy
- Polytechnic (39 institute)

Ministry of Manpower

- Vocational Training
 - Public : 301 VTC (17 Central Govt, 284 Local Govt)
 - Private : 8.066 (licensed), 3.226 (registered online) VTC
- Apprenticeship / internship

Other Ministries

- 48 VTCs



TRAINING PROGRAMS IN VOCATIONAL TRAINING CENTER (VTC)

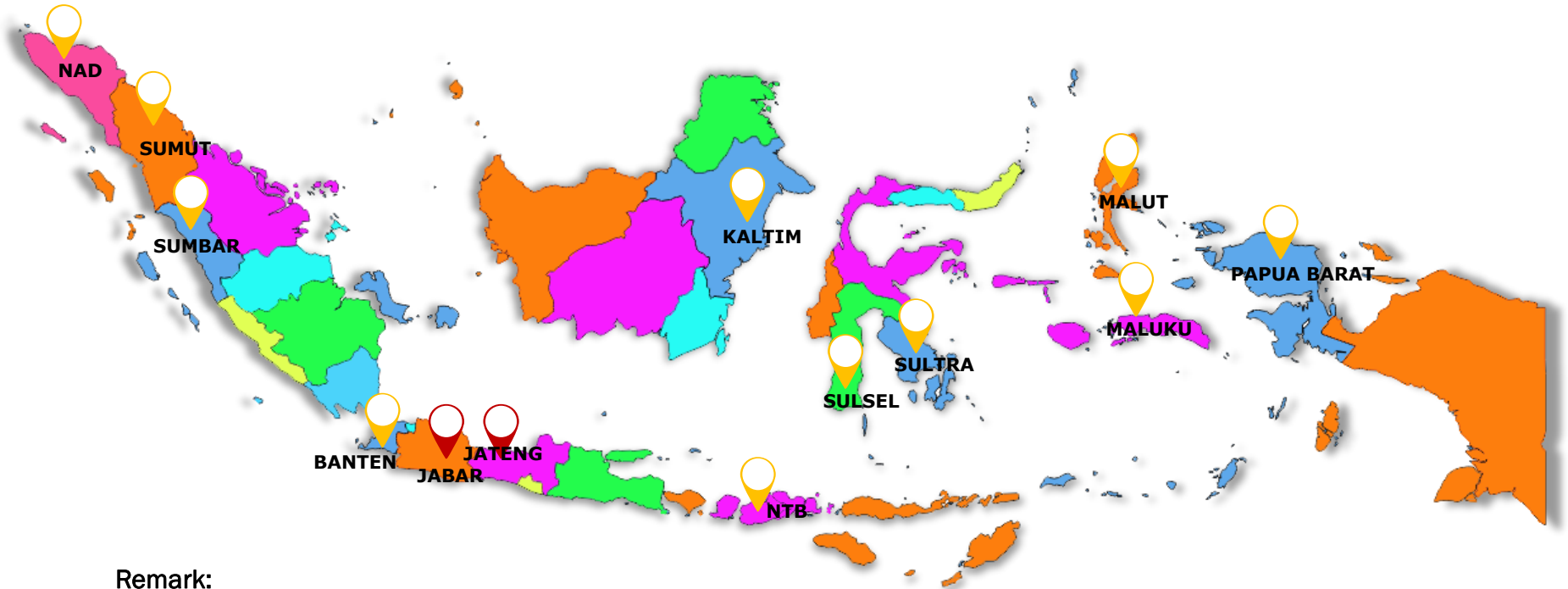
Training Programs:

1. Instructor Training
2. Competency Based Training for Jobseeker
3. Skills Upgrading Training for Industry employee
4. Mobile Training

Trades:

1. Automotive
2. Machinery
3. Electrical
4. Electronics
5. Welding
6. Mechatronics
7. Information Technology
8. Business Administration
9. Tourism (Hotels and Cooking)
10. Agriculture
11. Construction
12. Various Trade (sewing, hairdressing, beauty therapy, printing, etc)

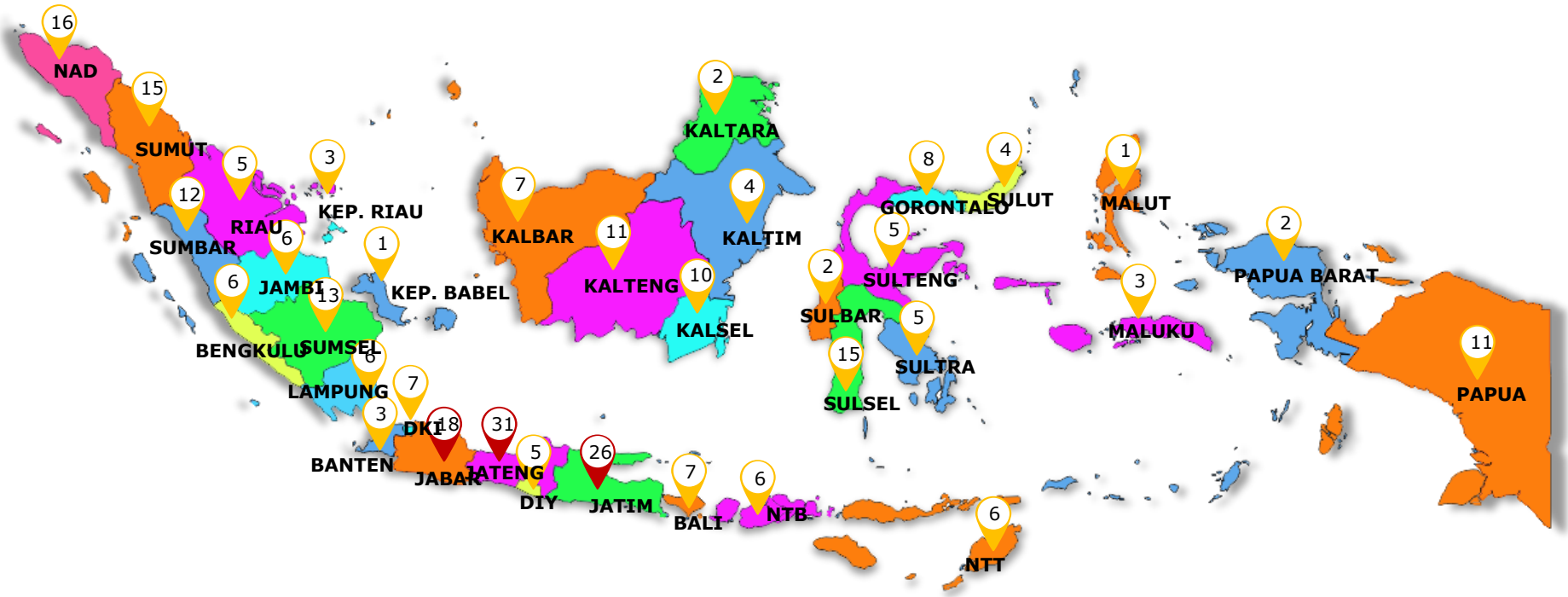
DISTRIBUTION OF CENTRAL GOVERNMENT OWNED VTC/BLK



Remark:

- BLK Banda Aceh
- BBPLK Medan
- BLK Padang
- BBPLK Serang
- BBPLK Bekasi
- BBPLK Bandung
- BLK Lembang
- BBPLK Semarang
- BLK Surakarta
- BLK Lotim
- BLK Samarinda
- BLK Makassar
- BLK Bantaeng
- BLK Kendari
- BLK Ternate
- BLK Ambon
- BLK Sorong

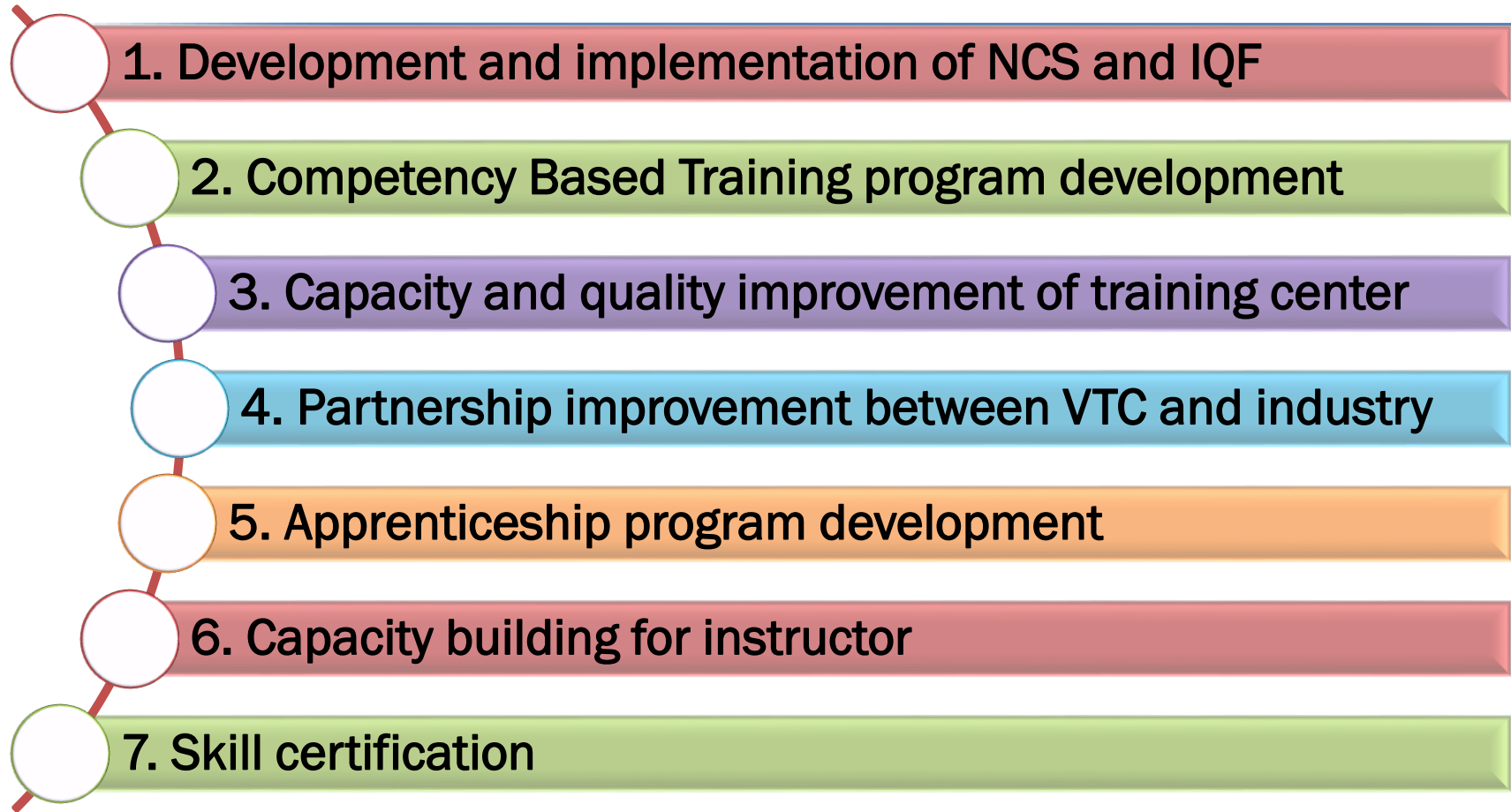
DISTRIBUTION OF LOCAL GOVERNMENT OWNED VTC/BLK



NATIONAL COMPETENCY STANDARD IN ICT

- × 34 NCS in ICT have been developed.
- × 9 certification body with 84 certification center

MOM PROGRAM TO PROVIDE SKILLED WORKER

- 
1. Development and implementation of NCS and IQF
 2. Competency Based Training program development
 3. Capacity and quality improvement of training center
 4. Partnership improvement between VTC and industry
 5. Apprenticeship program development
 6. Capacity building for instructor
 7. Skill certification

NATIONAL COMPETENCY STANDARD IN ICT

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THANK YOU