

# Education Reform Progress

10 October 2018

# 7 Key Characteristics for Effective Reform

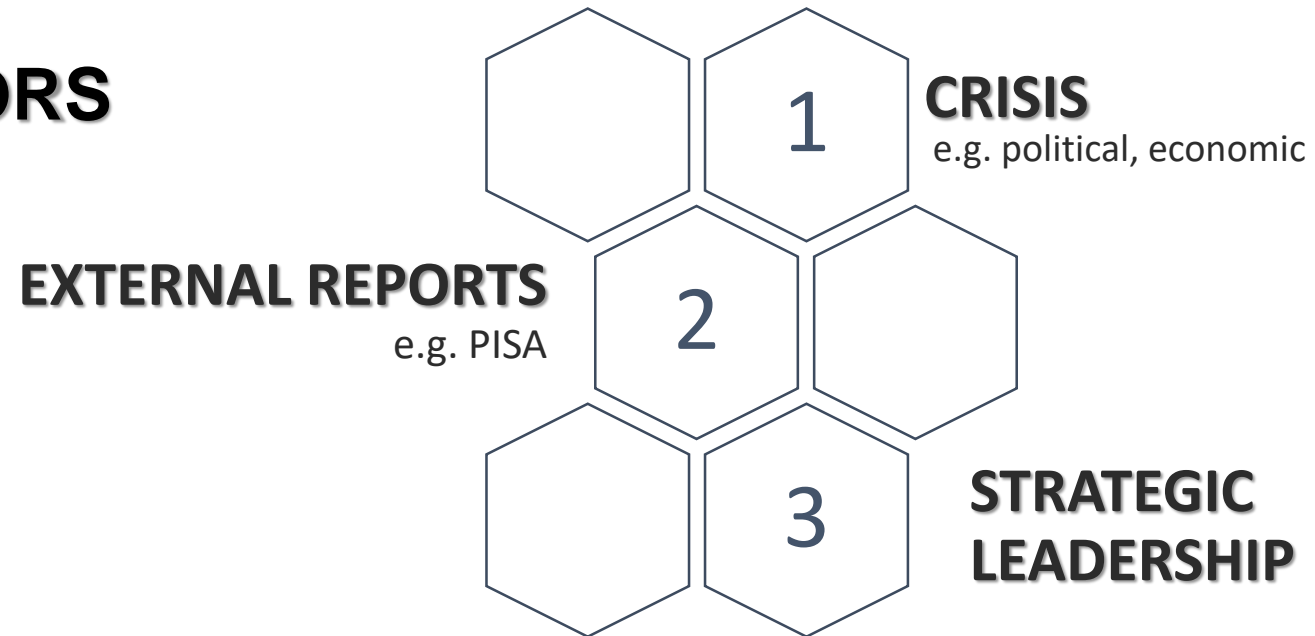
1. Built on existing arrangements and previous reforms
2. Early
3. Proportionate
4. Measured
5. Consensual
6. Calm
7. Practical

Jesse Norman in *EDMUND BURKE*

# Education Reform

Mckinsey, 2010

## 3 FACTORS



\* First, focus on small obtainable goals

# Recipe for Reform Failure



“Too many directives, no direction”.

- Lord Sainsbury of Turville

# Education Reform Progress

## Disruption/ Reform

1. **New Quality Assurance Scheme** development-led, reality-based, not burdensome
2. **Teacher Training Coupons** universal coverage, less budget, e-government
3. **Boot Camp for English Teachers** great outcome in both quality and quantity
4. **Opening up to foreign institutions** Carnegie Mellon, NTU, Pearson, KOSEN
5. **Digital revolution** PISA Platform, English Assessment, Big Data

## Efficiency

1. **STEM**
2. **Management reform** new way to select top education executives, prevent and suppress corruption, new teacher standard board
3. **Others** Sport classroom, Music classroom, vocational manpower, partnership school, new undergraduate and vocational courses, innovation area, E-to-E, Moral school, Magnet school, Chinese language teacher training, DLTV

“Rigorous self-evaluation is at the heart of effective school improvement. The accuracy and clarity of the school's self-evaluation helps to inform the inspectors’ initial view of the quality of leadership and management and the school’s capacity to improve... During the inspection inspectors will need to focus on the impact which the school’s self-evaluation has in driving improvement and demonstrating the school’s capacity to improve.”

The Office for Standard in Education 2011, Self Evaluation: guidance for inspectors

# New Quality Assurance Scheme

## Before

- Lack of focus
- Burden to teachers and students
- Not development-centric
- Agencies doing duplicate work

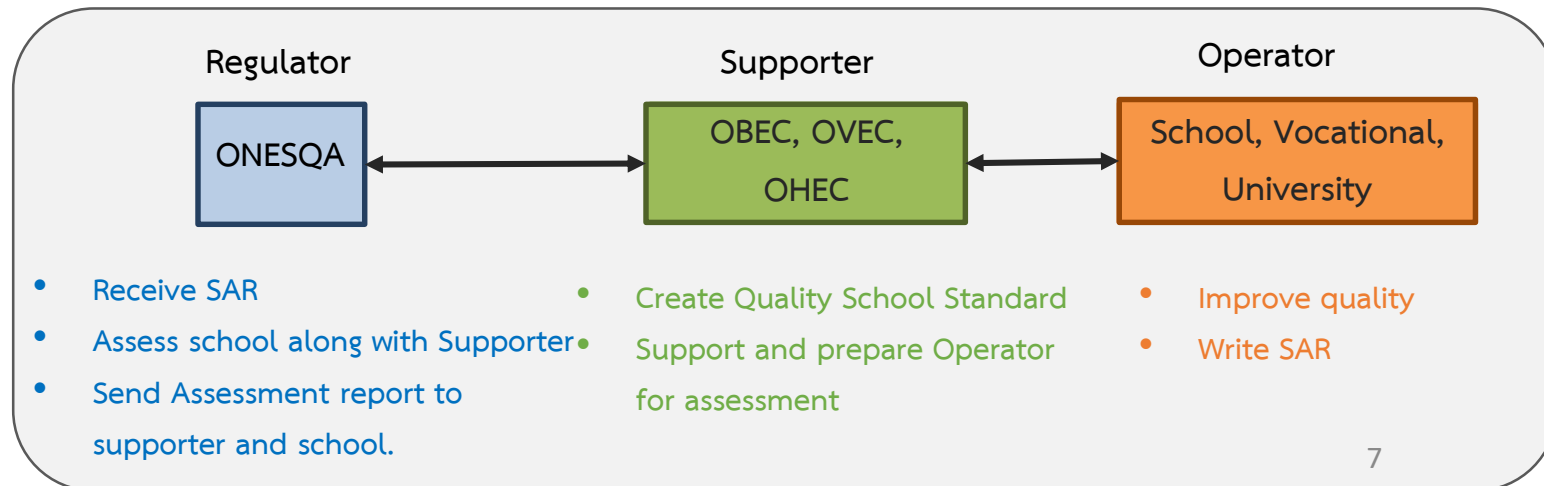
## After

- Clear assessment
- Not burdensome
- Assurance for development
- Synergy between agencies

School directors write

Self-assessment report: answer 3 questions

- 1) The level of standards the schools is currently providing
- 2) Proofs
- 3) Development plan to achieve 1 higher level



# Teacher Training Coupons

## Before

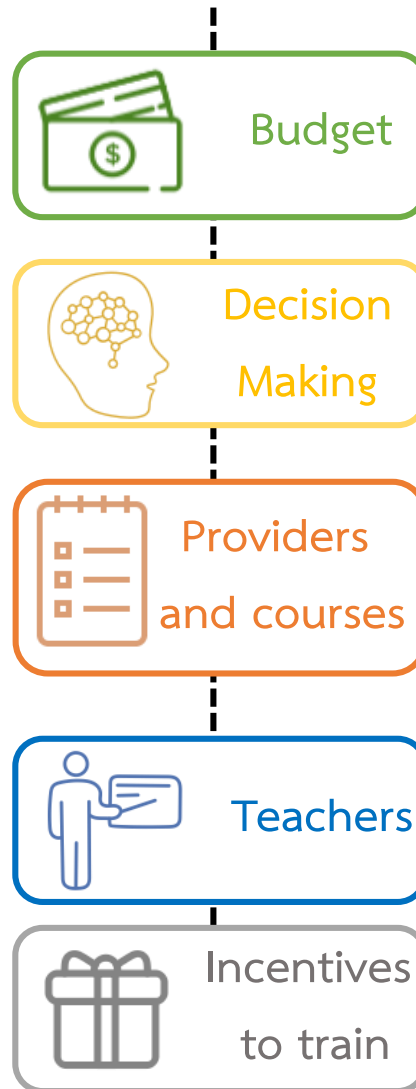
**9 billion Baht** and vulnerable to corruption

**Central planning** but no direction

**Same providers and courses** that has no standard, does not meet demands of teachers and available only in big cities

**Same select few schools** in some areas get to train

**No incentives** to train



## After

**2 billion Baht** and very little room for corruption

**Decentralized** decision making with clear direction

**New providers, new courses** reflect what teacher demand with **high standard training course** available in more than 50 cities

**Every teacher** is eligible to enroll in training

Training is part of **career promotion**



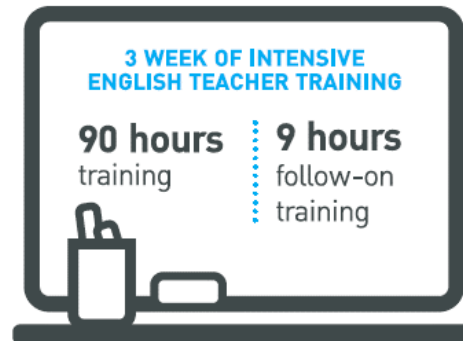
# Boot Camp for English Teachers

## Before

- Teachers have weak English language foundation
- No direction for training
- Scattered training courses

## After

- Improve both quality and quantity
- High effectiveness training courses
- Full service from teacher training to curriculum and pedagogy



**21,000**

TARGET TEACHERS TRAINED



**13,500**

teachers trained by 2018

**7,500**

teachers trained by 2017

**15** TRAINING CENTRES ACROSS THAILAND



Bangkok  
Chiang Mai  
Chiang Rai  
Chonburi  
Kanchanaburi  
Khon Kaen  
Lopburi  
Nakhon Ratchasima  
Pattani  
Phitsanulok  
Phuket  
Sakon Nakhon  
Surat Thani  
Ubon Ratchathani  
Udon Thani

## RESULTS

**94%**

Improved overall confidence

**99%**

Improved overall teaching competence

**93%**

Improved use of English in the classroom

**90%**

Improved confidence in using English

# Opening up to foreign institutions

## Before

- Very difficult to establish foreign institutions in Thailand
- Lacking of practical knowledge to create 4.0 industries

## After

- At least 4 high potential foreign institutions established in Thailand



**Courses** Carnegie Mellon University

**Level** Master degree and PhD.

**Major** Robotics and Computer Sciences



**Courses** National Taiwanese University

**Level** Master degree

**Major** Intelligent Manufacturing System



**Courses** BTEC

**Level** TVET

**Major** 10 target industries



**Courses** KOSEN Japan

**Established** 2 institutes

**Major** Mechatronics and E&E

# Digital revolution

Before

## Infrastructure

- 2 out of 3 schools have no high-speed internet
- Budget 3 billion Baht

## Assessment

- No effective assessment platform

After

## Infrastructure

- 99.9% of schools have high-speed internet
- Budget 1 billion Baht

## Assessment

- PISA Online  
Developed by KMUTT Preparation for PISA testing.
- English Assessment  
Developed by Chulalongkorn University and British Council. Assess 4 skills: reading, writing, listening, speaking for every students to use. Use AI for checking.
- Big data for school  
Developed by Carnegie Mellon University