



VIETNAM IT REVOLUTION **THE NEW PARADIGM SHIFT OF DEVELOPMENT**

Henry Nguyễn Hữu Thái Hòa

***Vice Director VSTI (Vinas Science &
Technology Institute)***

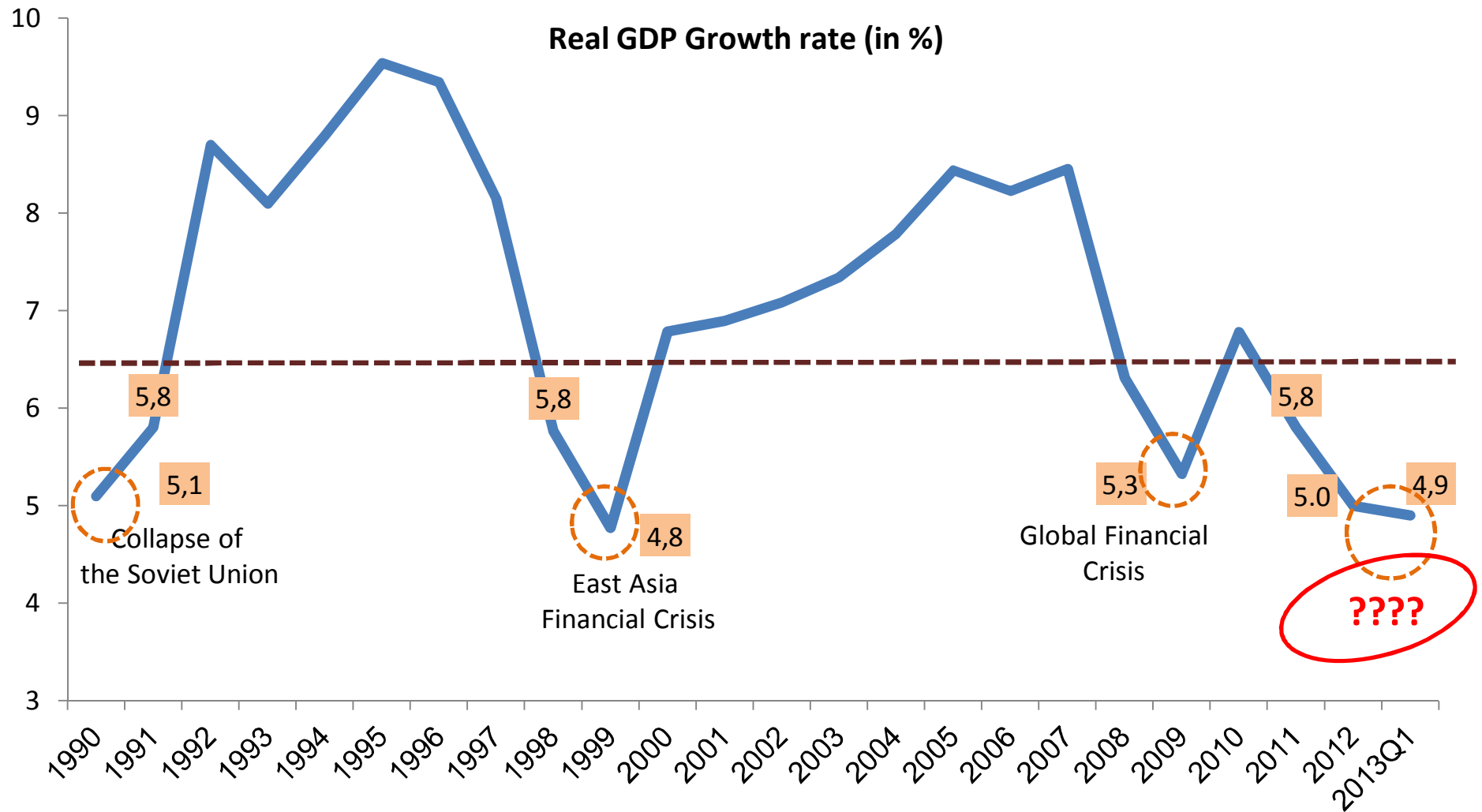
Chief Strategy Officer of FPT Corporation

Where we are,

Where

we are going...

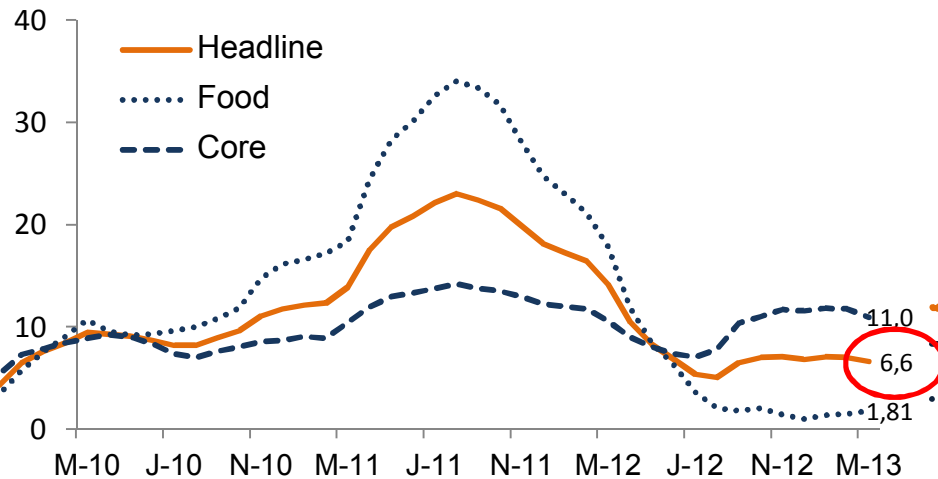
IS CRISIS OVER IN VIETNAM ?



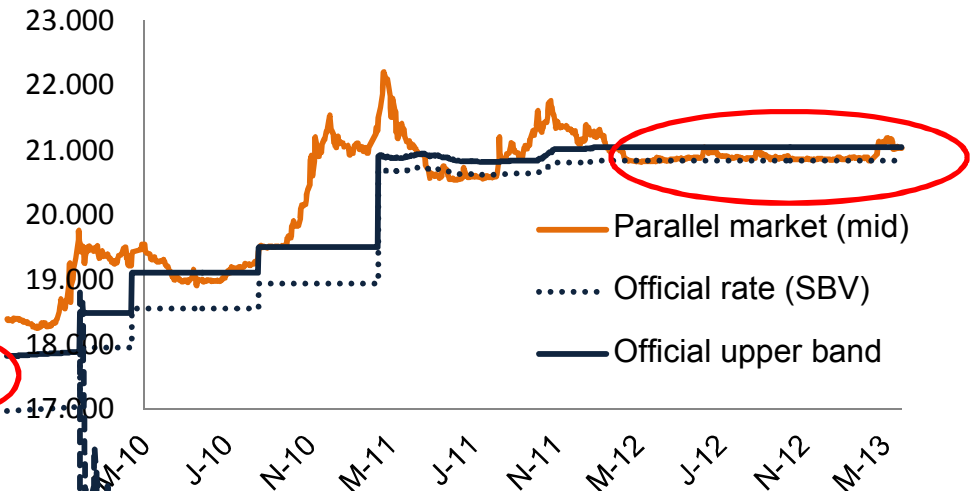
SOURCE: World Bank 2013

CONTROLLED STABILITY OF MACRO ECONOMY

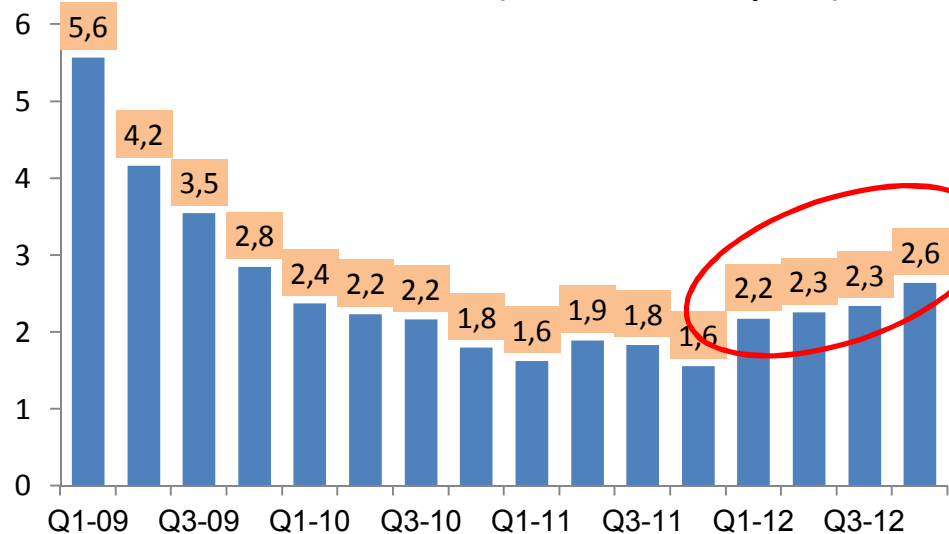
Headline, food and core inflation rate (yoy, %)



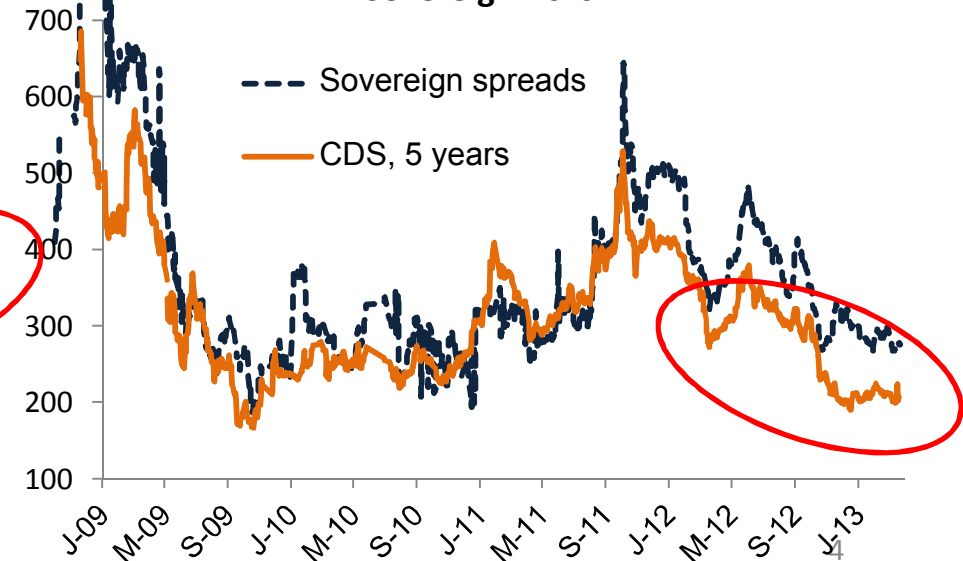
VND: USD exchange rate



International reserves (in months of imports)

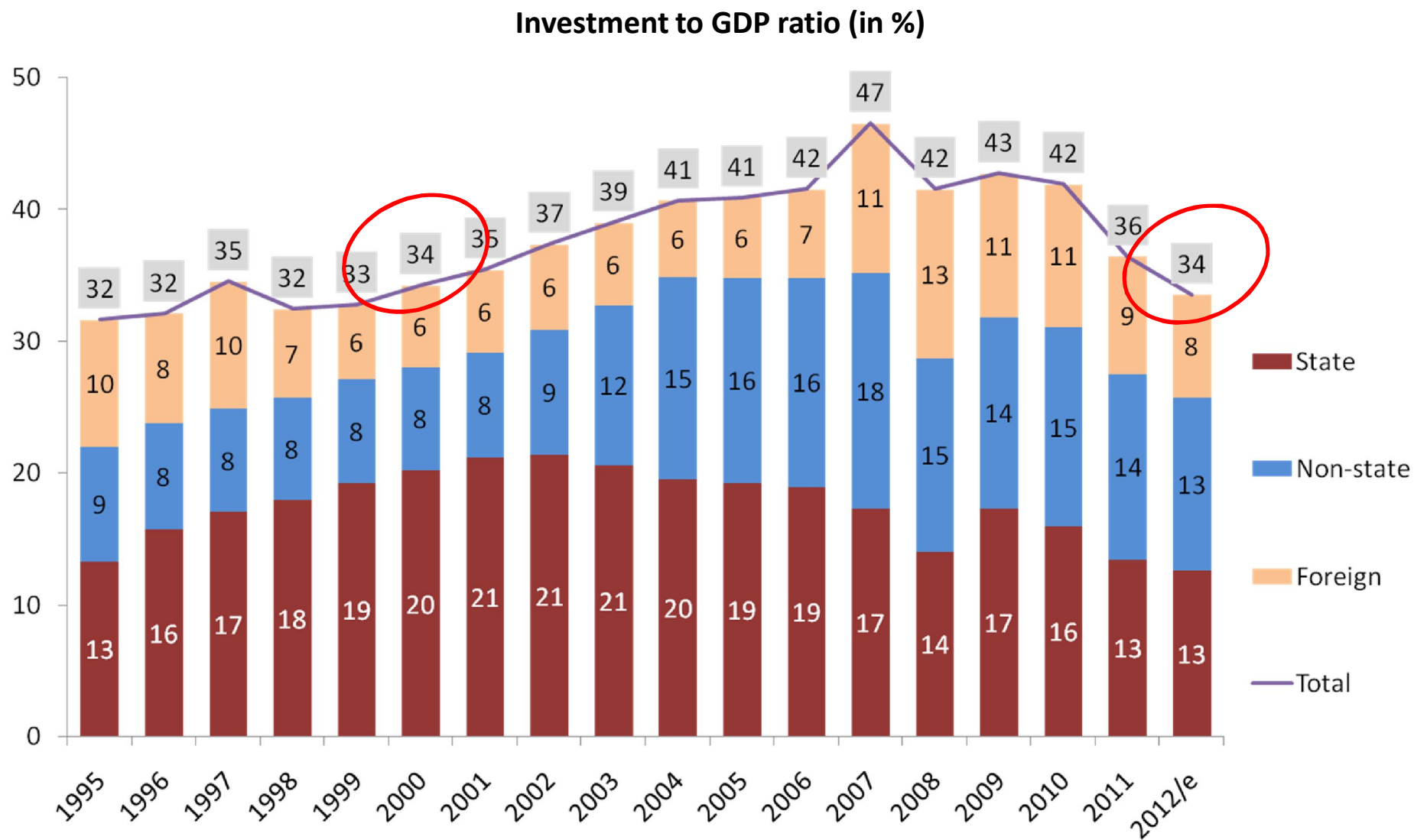


Sovereign risks



SOURCE: World Bank 2013

STATE INVESTMENT RATIO REDUCED



SOURCE: World Bank 2013

2013 Remarks of Vietnam Macro Economy

Government focused to **stabilizing economy**
with many consistently actions

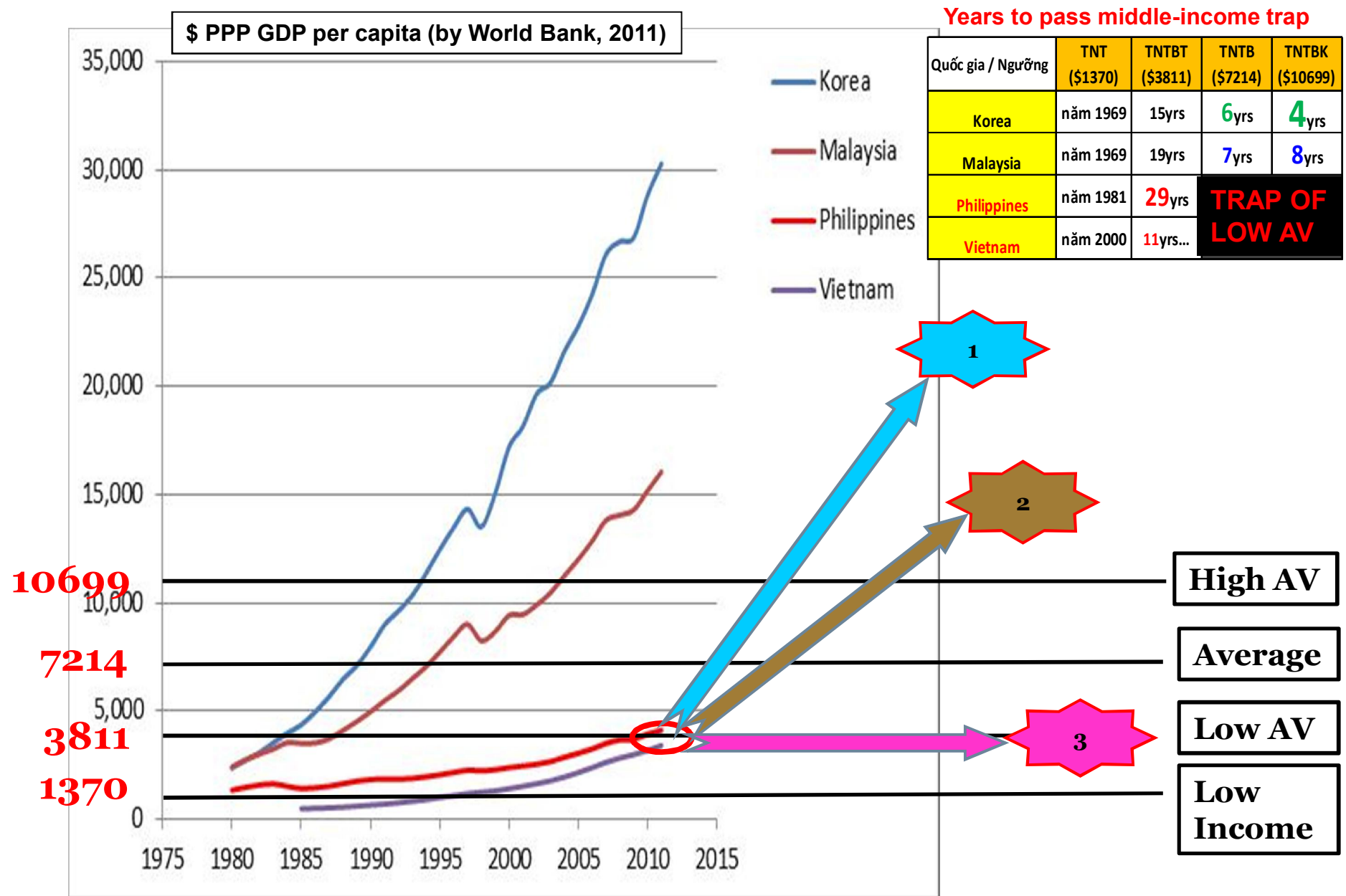
Việt Nam start to accept the “**bankruptcy**” concept with
VINASHIN case ?

The solution for bad-debt by **VAMC** (Vietnam Asset
Management Corporation) implemented in 2013

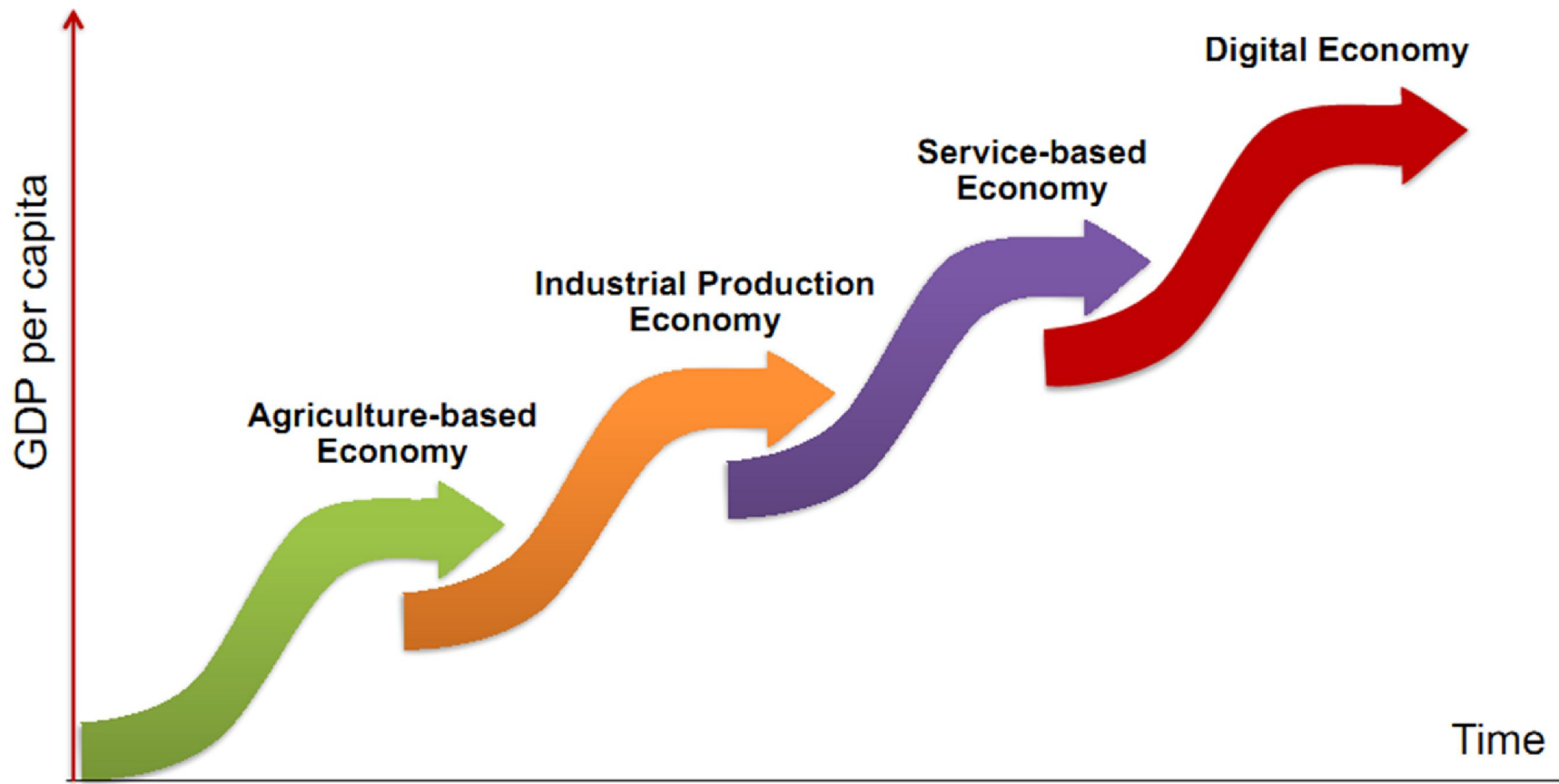
The Vietnamese **entrepreneurship spirit** of
businessmen still present

In 2013, Vietnam economy is back to stable after crisis,
It's time for investors?

Three (03) Strategic Direction for VIETNAM?



Call to Action: Opportunity for Developing Nations to Leapfrog



Technology's Transformational Impact

Everything can be Connected to **Mobile**



“IT is foundation of all infrastructures”



SMART:

- *Instrumented*
- *Interconnected*
- *Intelligent*

SMART National Strategy

National Infrastructures

Source: IBM Smart Planet 2011



vinasa

The Global Competitiveness Report 2012–2013

Klaus Schwab, World Economic Forum



Competitiveness

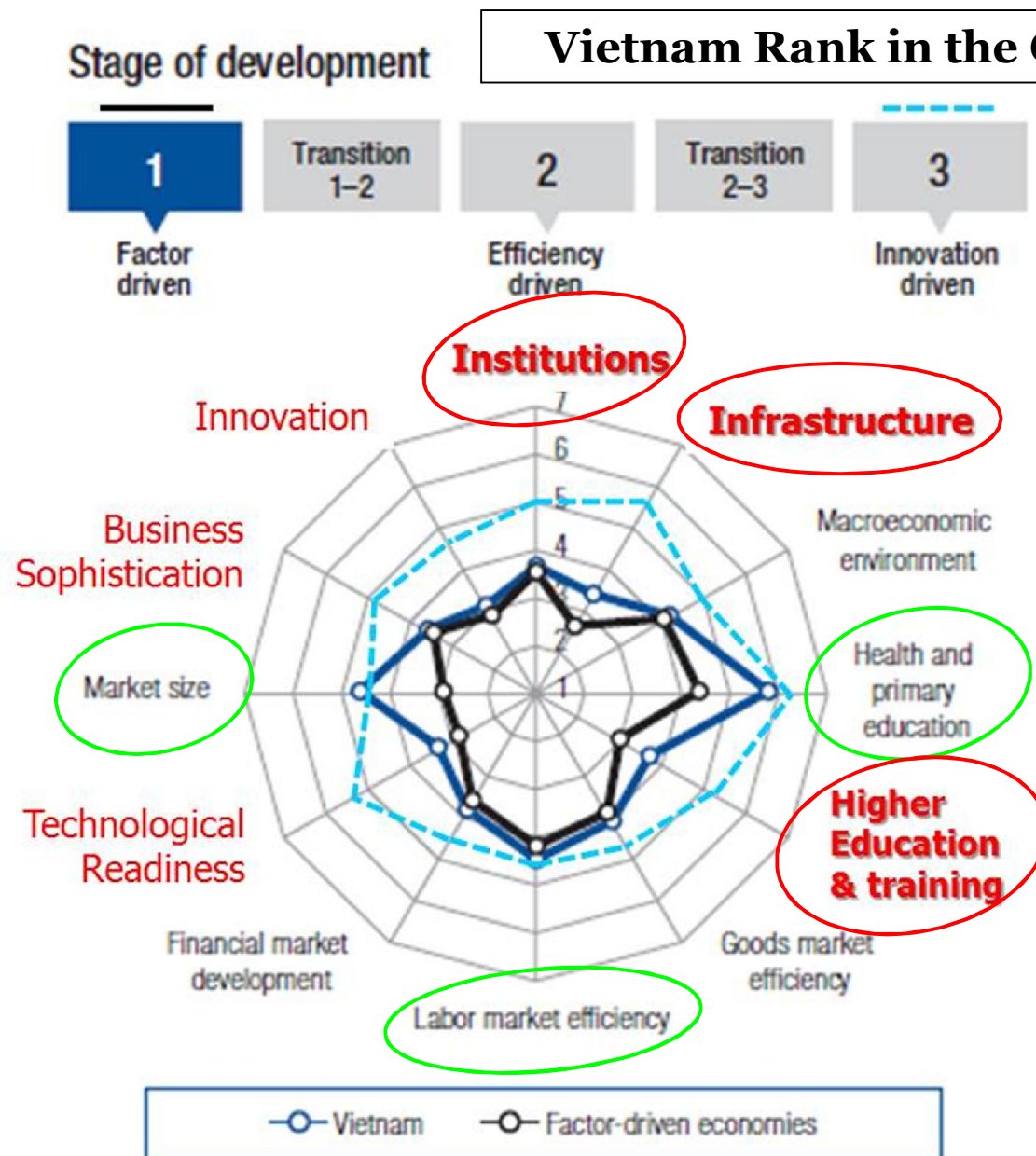
=

The set of institutions, policies, and factors that determine the level of productivity of a country, taking into account its level of development.

The 12 dimensions of the Global Competitiveness Index



3 worse areas of Vietnam in Crisis: **Institutions, Infrastructure & Education**



SMART Landscape in Vietnam

Smartphone sale growth is **81%** in 2012 and
Price has dropped 26% in the same period

Tablet sale growth is **64%** in 2012 and
Price has dropped 12% in the same period

Vietnam has been selected among 6 countries
by **Microsoft** to roll-out PHPC – Partner Hosted Private **Cloud**

Number of 3G subscribers reached 13M and will reach **20M** by 2015

Over **30M** internet user (34% VN), **3.5M** broadband subscribers

Vietnam ranks **#11 Global of FDI** investment attractiveness in 2013
by World Investment Report

Vietnam is ASEAN ICT powered center

The growth rate of internet & smart phones is ranking (WEF)
number 1 of the world

HCM city & Hà Nội in the **Top 10 ITO cities** global

Year 2013 Việt Nam pass-over **INDIA** take place # **2** at
Japanese market of **IT Outsourcing**

Number #1 of **CMMi certifications** in ASEAN

290 IT Universities/Colleges and **300,000** IT engineers

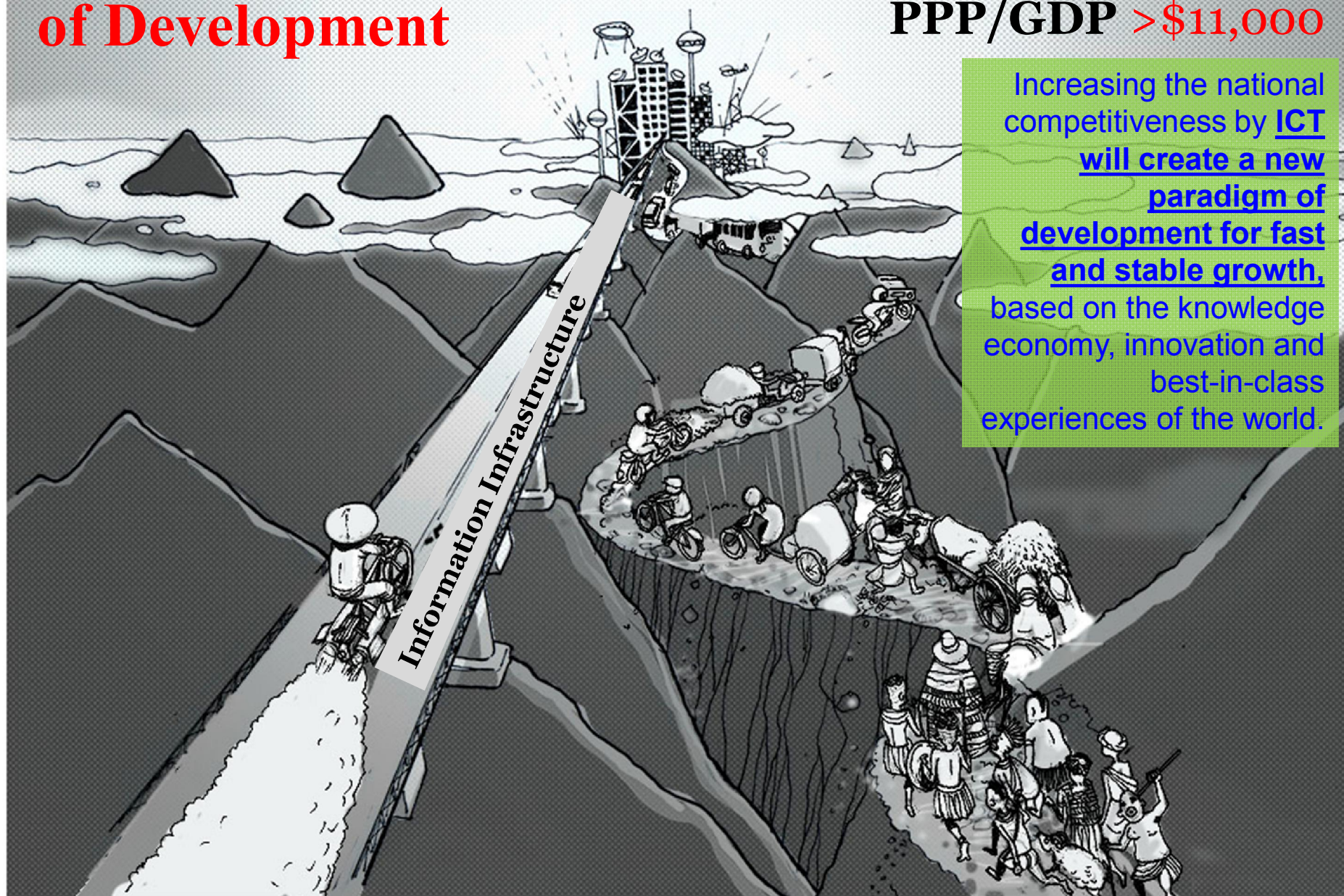
FPT Software in the **Top 100** software outsourcing global

Viettel is operating Broad-Band of **7 countries** worldwide

New Paradigm Shift of Development

Year 2024
PPP/GDP > \$11,000

Increasing the national competitiveness by ICT will create a new paradigm of development for fast and stable growth, based on the knowledge economy, innovation and best-in-class experiences of the world.



GUILDING SPEECH OF VIETNAM

PRIME MINISTER NGUYỄN TẤN DŨNG

at Vietnam ICT Summit 2013, Hanoi, June 20th 2013

To ensure that ICT will really become a foundation of new development's paradigm for Vietnam, the Government request all Ministries, Departments & Provinces basing on their own functions and missions to implement the following actions:

One, Increasing the understanding, *mind-set that IT being a new development's paradigm* in all levels, all departments and in social life, creating active actions to develop and apply ICT properly to production, management, improving total national competitiveness. This is the shortest path for Vietnam to catch-up with developed countries.

Two, Building a *national information infrastructure system*, published national information standards to ensure the ~~interconnected, synchronous and safety~~ of national information.

Three, Developing *IT resources* in every profession, department, province and nation.

Four, Building mechanism and policies to ensure that *IT applications* being corporate in all professions, programs and investment projects.

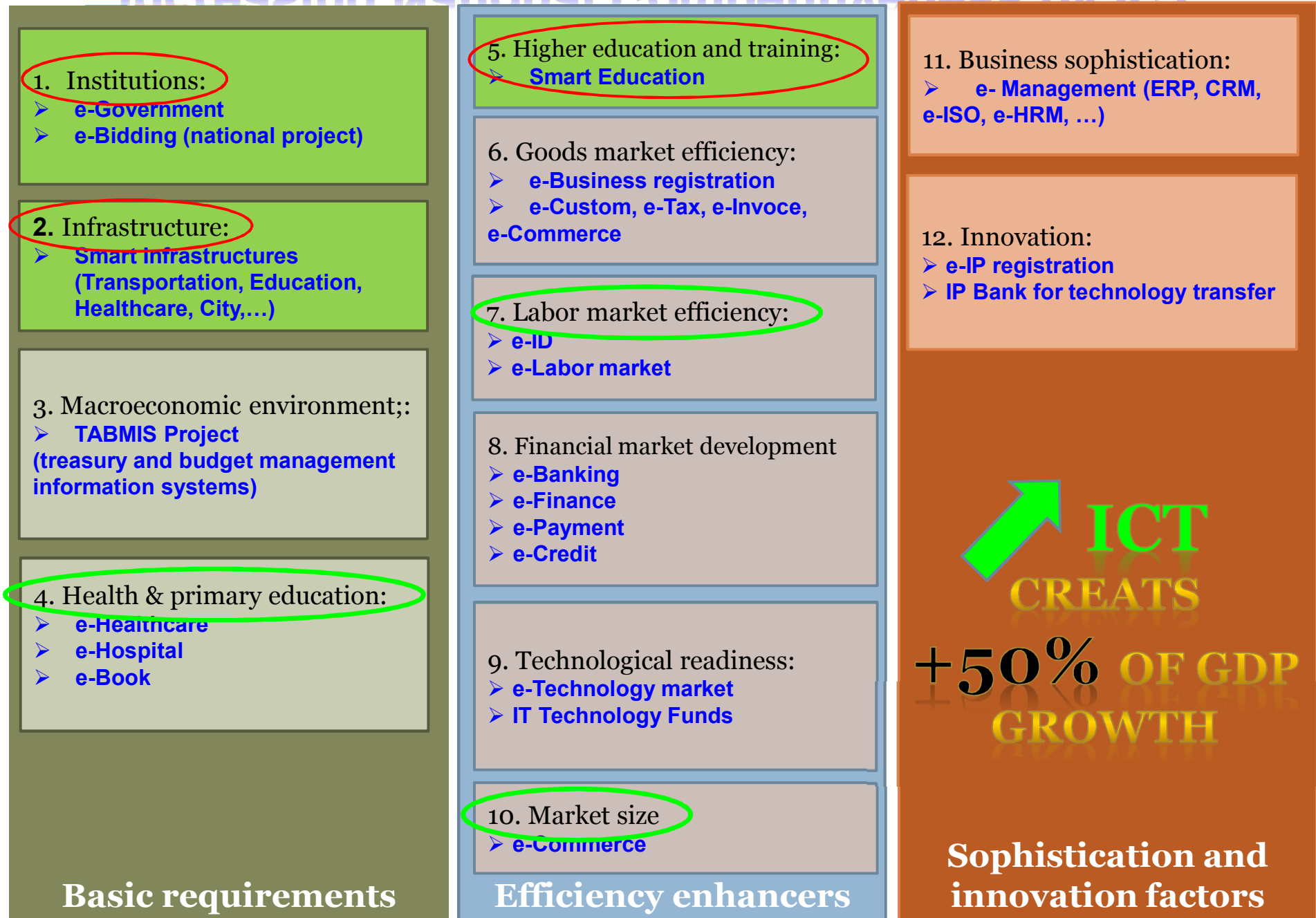
Five, Creating an advantageous environment for *IT internal market*, support *IT enterprises* develop and strongly position it in internal markets and international competition.

Six, Increasing international in-cooperation, collecting all resources especially the Vietnamese overseas to develop IT businesses. *Collaborating with ASEAN countries* to build information networking in supporting the development of economic, social of each country and improve community's development.

Seven, Developing and applying ~~*IT being an important mission of the political system and society.*~~

Leaders at all levels, all departments directly in charged for the efficiency of IT development.

Increasing National Competitiveness by ICT



National Smart Projects

*Top priority of National Policies:
NQ13 BCT, NQ16 CP*

*13 Priority Projects
Stronger country by IT
1 million IT engineers*



VIỆT NAM

*is **OUR** Opportunity*

& *OUR* Challenge

