

**GENERAL STATISTICS OFFICE (GSO)
VIETNAM**



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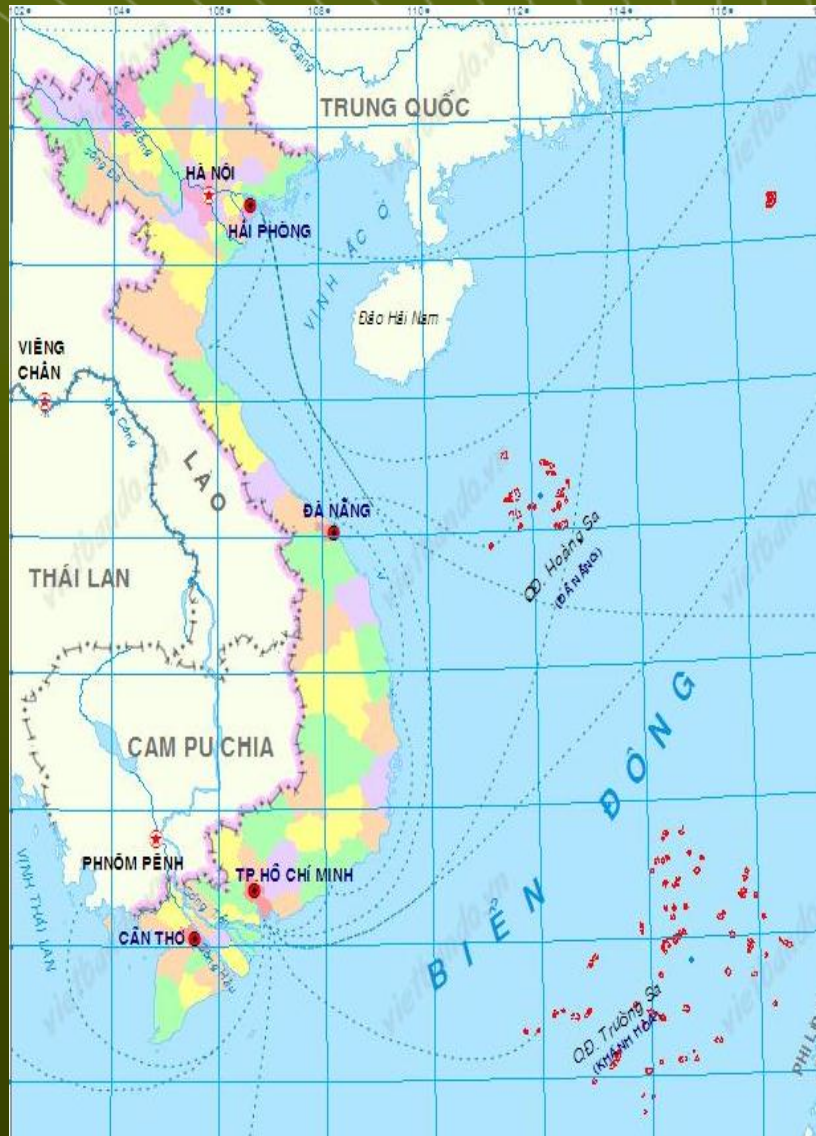
**THE REAL SITUATION OF VIET NAM'S
ENERGY STATISTICS**



**Presentation by Le Thi Hanh
Industrial Statistics Department**



Vietnam overview



Population:

~ 95.0 million inhabitants

Life expectancy:

Male: 70.6 years

Female: 76 years

GDP per capita:

2,200 USD/capita/year

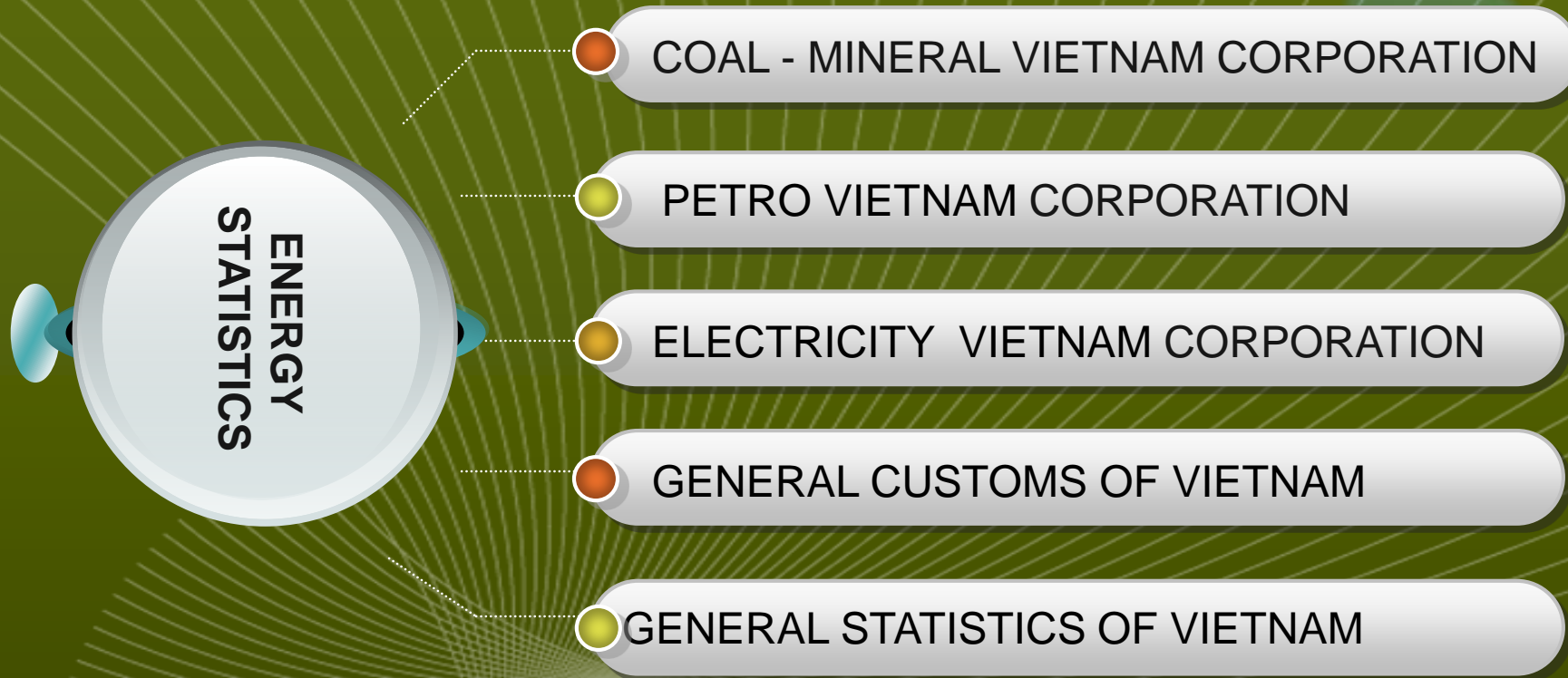
VN is a country located in the Southeast Asia. It is bordered with Laos and Cambodia in the west, China in the North



. Introduction about GSO Vietnam

- ❖ The General Statistics Office (GSO) is an institution directly under Ministry of Planning & Investment (MPI), performing the advisory function to help the MPI Minister in doing the task of state management in the field of statistics; conducting statistical operations and providing socio-economic statistical information to all agencies, organizations and individuals in accordance with the law.
- ❖ GSO is vertically organised from central to local administrative level, ensuring the principle of centralization and unity. It is responsible for collection, compilation and dissemination all national socio-economic statistical indicator.

THE REAL SITUATION OF VIET NAM'S ENERGY STATISTICS



Up to now Vietnam has not had a specialized survey on energy statistics so all energy data has been collected from 3 major corporations and get data from the General Customs of VN & General Statistics Office.



Indigenous production





Total transformation sector

Petroleum Refinery Plant

Up to now, Dung Quat refinery plant is the biggest in the Petro Vietnam Corporation. Processing capacity: 6.5 million tons of crude oil per year (equivalent to 148,000 barrels per day), In the future expansion and upgrades: 8.5 million tons of crude oil per year.

Gas processing Plant

GPP Ca Mau with capacity of 6.2 million m³ of natural gas per day to produce 600 tons of LPG per day, 34 tons of condensate per day and 5.7 million m³ of dry gas per day.

Electricity Plant

There are many electricity plants: hydro , wind, thermal electric in Electricity Vietnam Corporation



Total domestic energy consumption



Enterprise survey



House hold survey



Living stadard survey

- The total energy consumption data 2015 is the 3 sampling surveys, so the data of the section is the wide.

- The sampling frame is selected for calculating the GO of the enterprise and the house hold, not for the energy statistics servey



MINING OF COAL 2015

Mining of coal or Initial production

41.664 (ths tons)

- Coal Corporation
- Some enterprises out of Corp

Stock change

-659 (ths tons)

TOTAL COAL

46.184
(ths tons)

Import



6.927 (ths tons)
Russia, China, Indonesia



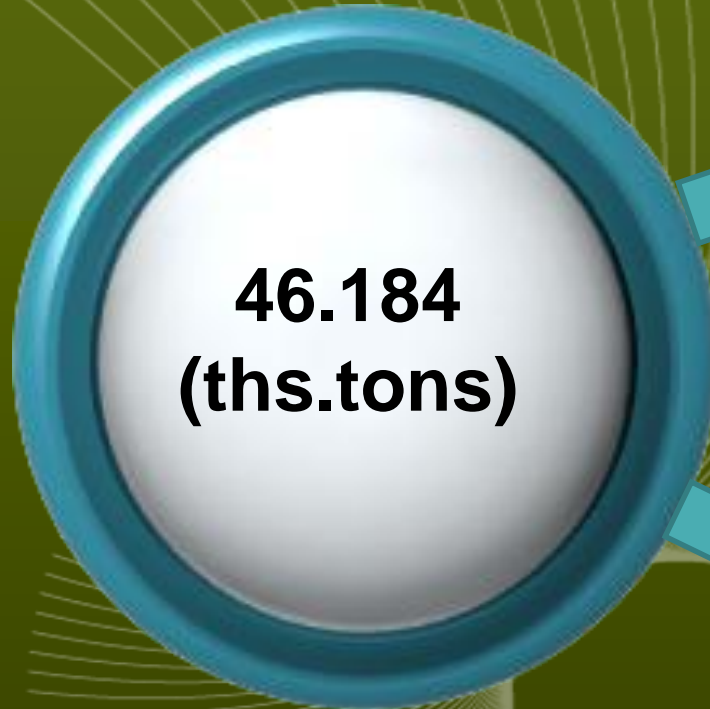
Export

-1748 (ths tons)
Japan, Thailand, Malaysia



COAL

Indigenous
production



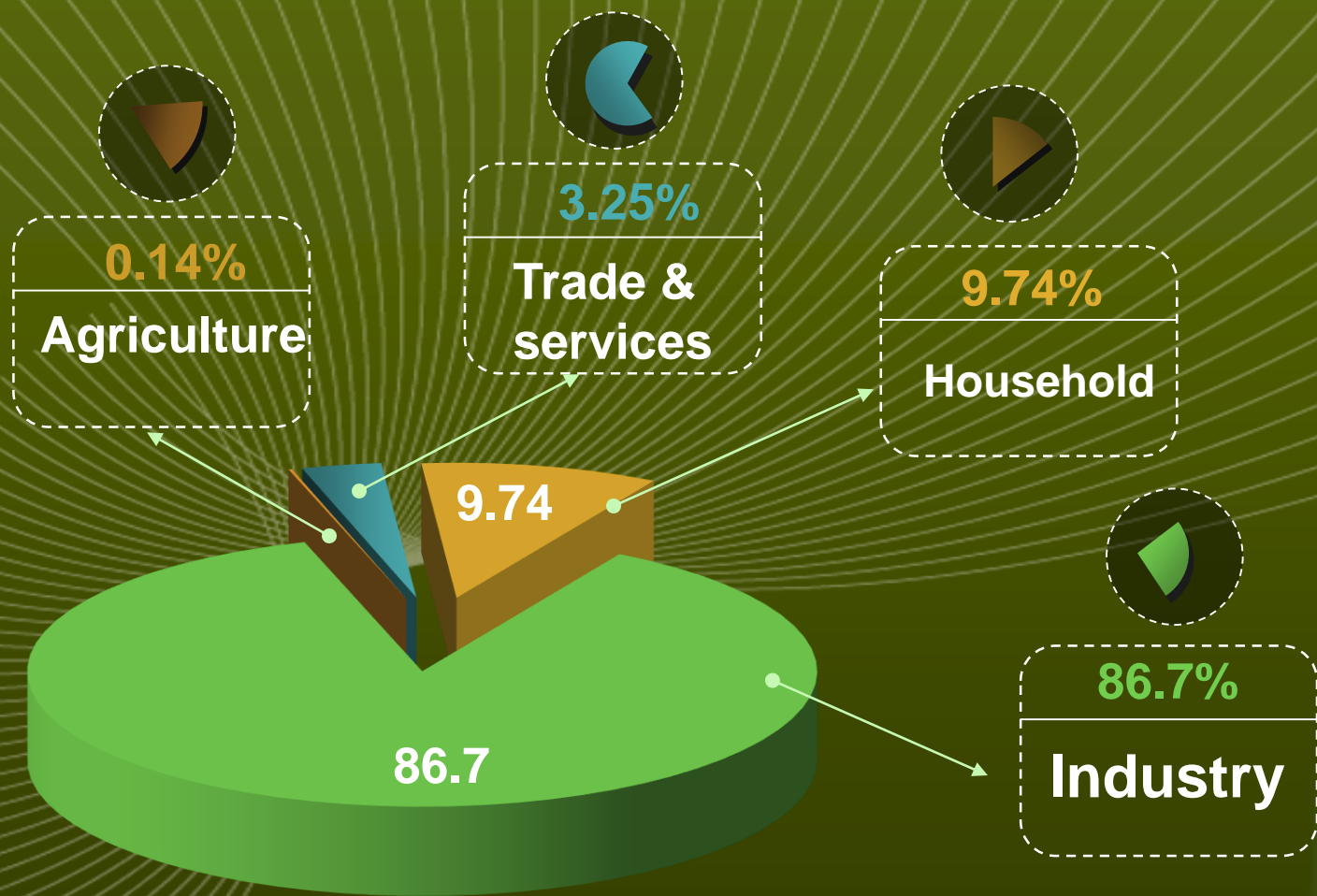
Transformation
sector – Power plant



Domestic Energy
consumption



Total domestic energy consumption for Coal 2015





Crude oil

Intinal
16.880
(ths.tons)

Import
182
(ths.ton)

Export
-9.486
(ths.ton)

Stock
change
-659
(ths.ton)

Refinery Dung Quat Factory

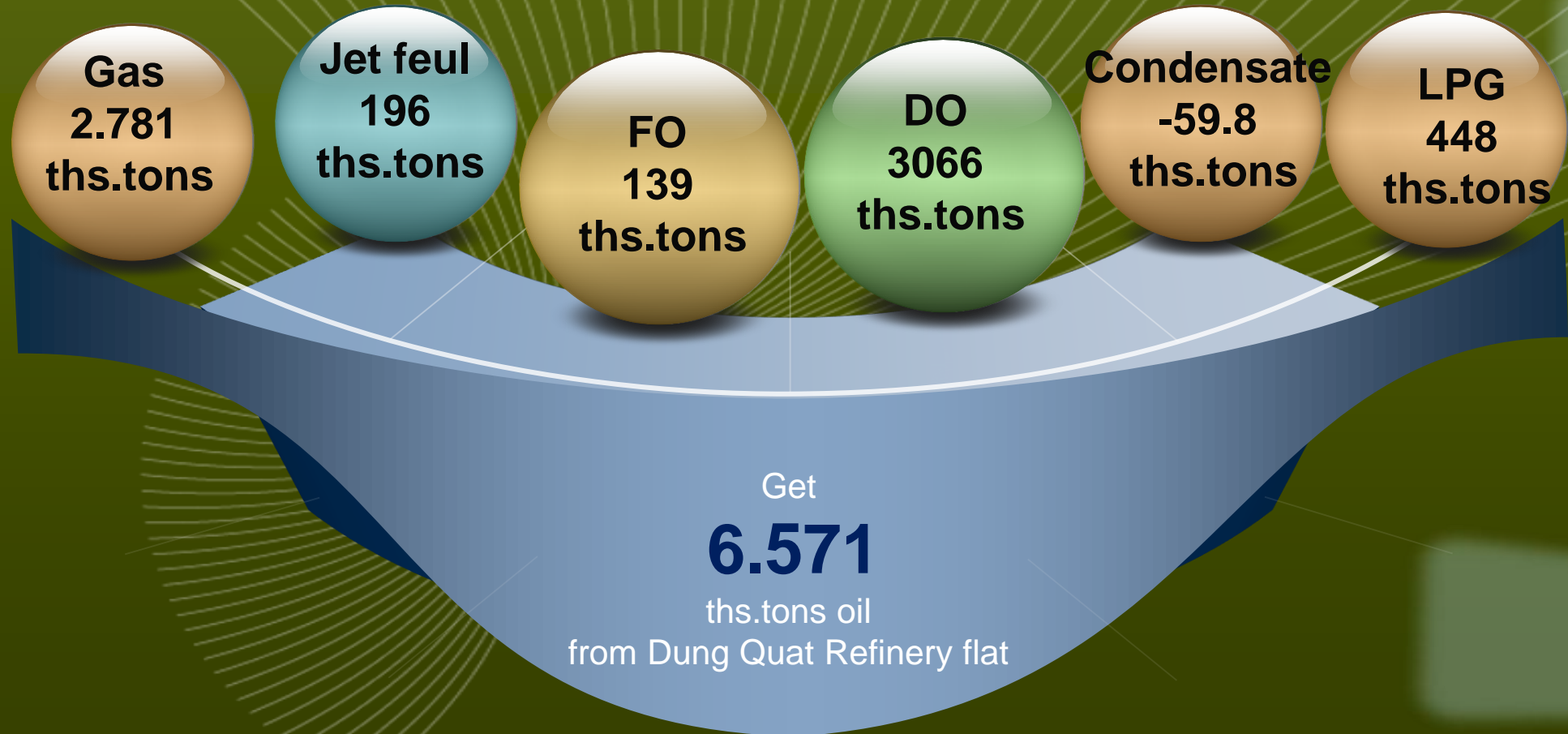
7.118
(ths.ton)

Imp: Singapore,
Malaysia, Korea

Exp: Mainly exp to China,
Australia, japan



Product of refinery:

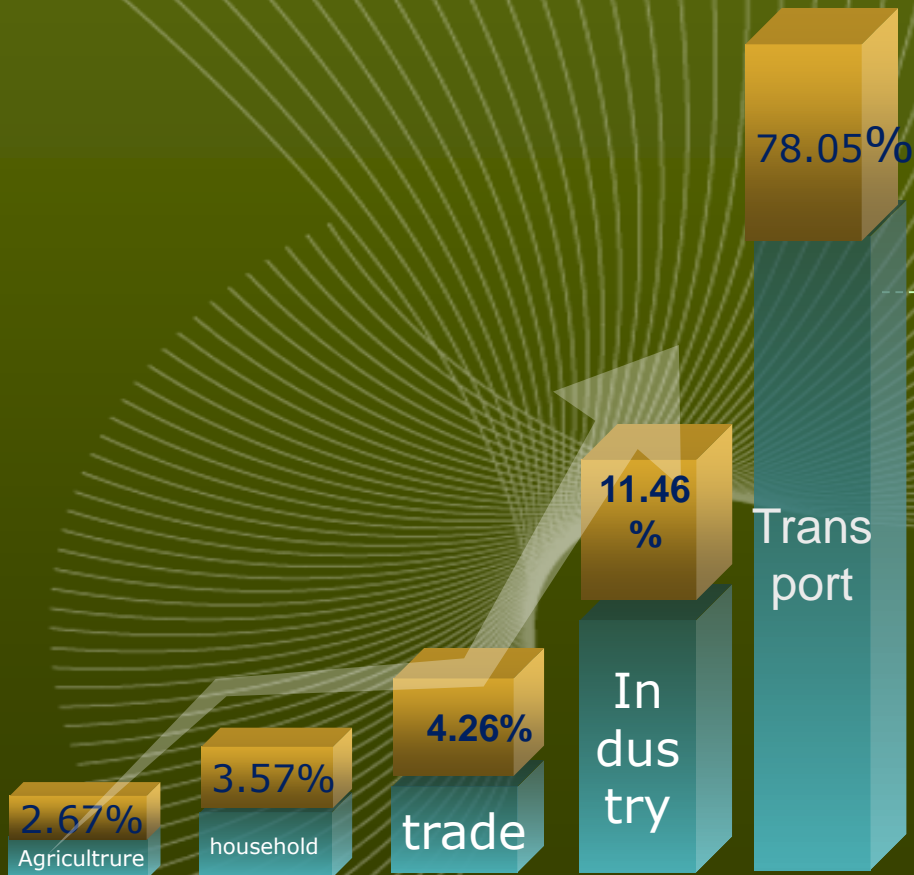




Total petroleum product

Total petroleum consumption
17.746 ths. tons

Total petroleum supply: 10.985 ths.tons
Petroleum refinery : 6.571 ths.tons
Gas processing Plant: 348 ths.tons
Gas processing Plant: 348 ths.tons
Power Plants: -157 ths.tons





Associated Gas

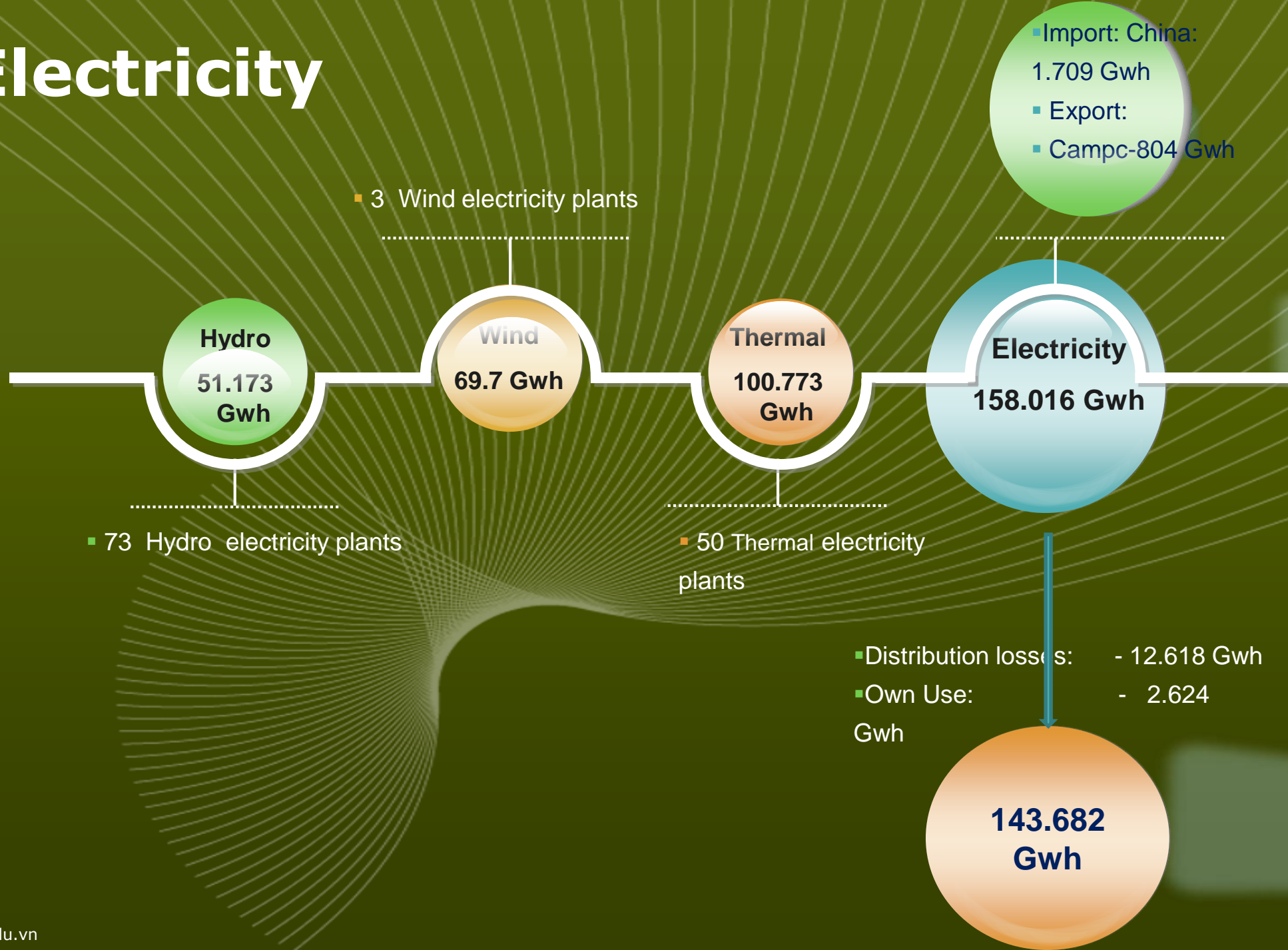
	Total gas	Associated gas	Non- Associated gas	Note
Gas mining	10.670	1.641	9.029	From 398 billion m3 through Gas processing plant 288 ths.tons LPG and 59.8 ths.ton Condesate
Gas processing Plant		-398		
Power Plants	-8.769	-1.243	-7.526	
Energy consumption for industry	1.503		1.503	

Unit: billion m3

- . Gas in mined by Petro VN Copr about 90% of Gas used to produce electric by power plants
- . Gas only used for consumption of Industry

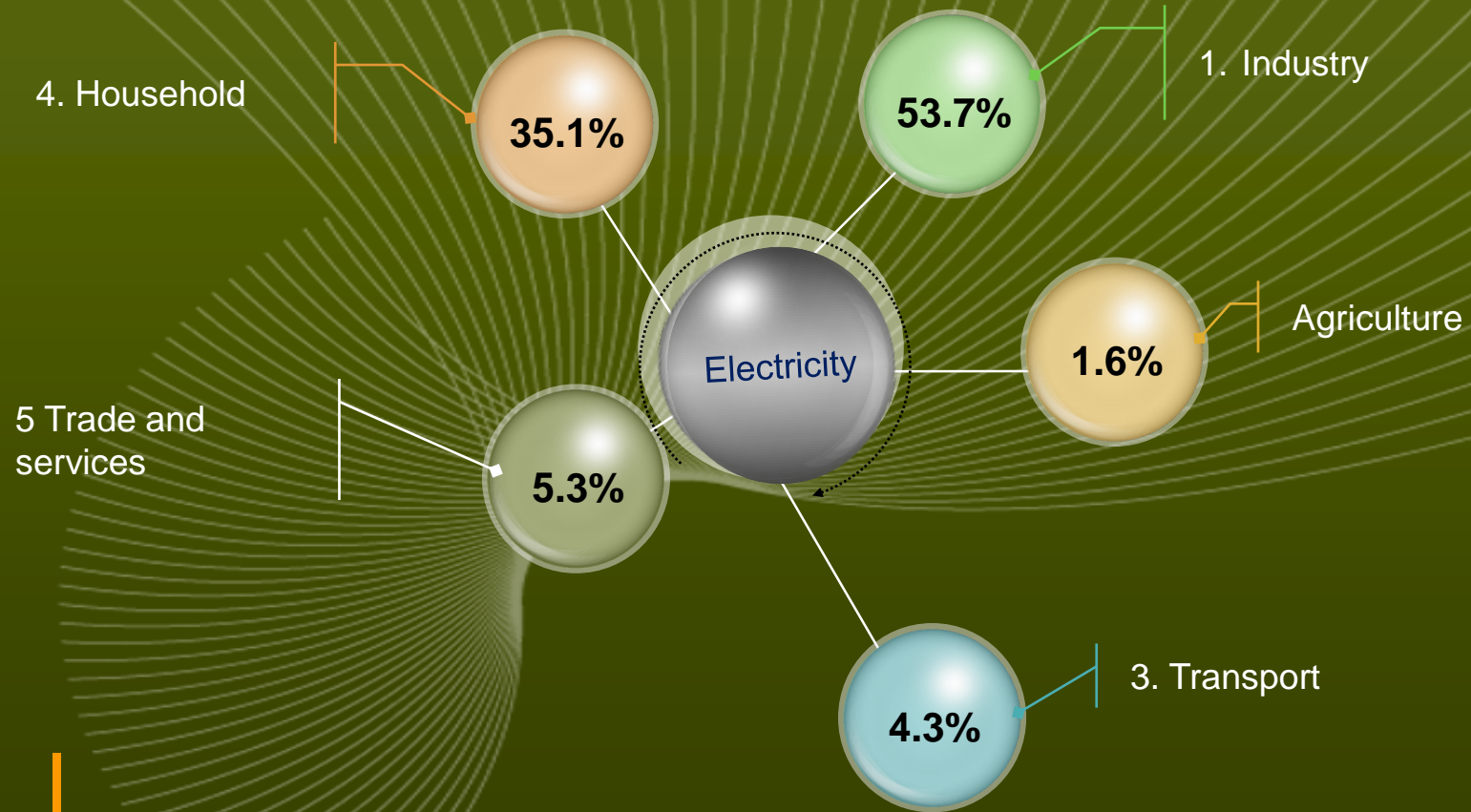


Electricity



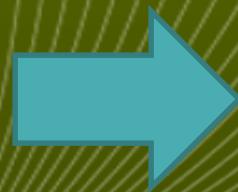


Electricity consumption





The Vietnam Energy Balance 2015



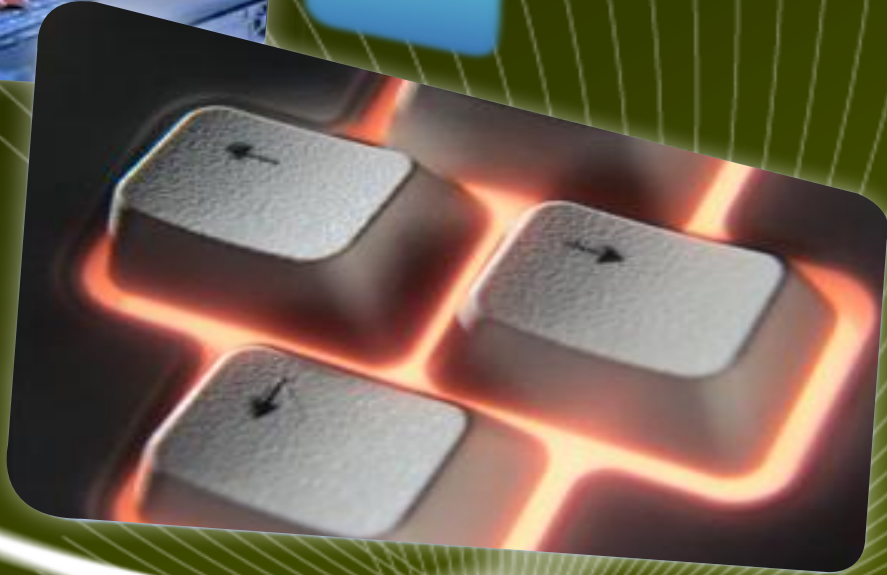


Some difficulties for energy statistics in Viet Nam

- International methodology of energy statistics
- International methodology of making energy balance
- Sampling method for enterprises and households consuming energy
- Method of analyzing indicators from the energy balance sheet



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