"New Challenges of the 21st Century" 5th International Week

Sustainable development facing challenges of the 21st Century: a case study of Vietnam

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OUTLINE

- □ Vietnam: country and people
- □ Sustainable Development
 - Concept and global implementation progress
 - The Strategic Orientation for Sustainable Development in Vietnam
 - Formulate Local Agenda 21
 - Reference Data of Vietnam development situation
- Discussion
- Conclusion

Reference

- 1. Vietnam Agenda 21 Office, *Sustainable development implementation in Vietnam*, 2008
- 2. Country Report of Ministry of Planning and Investment, 15 years achieving the Vietnam millennium development goals, 2015
- 3. James Martin, *The 17 great challenges of the Twenty-First Century*, Oxford University, 2007
- 4. UN System Task Team, Statistics and indicators for the post-2015 development agenda, New York 2013
- 5. http://www.vietventures.com

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Introduction about Vietnam





VIET NAM: Country & People



Socialist Republic of Vietnam



Total area: 329,560 sq. km

Land: 325,360 sq. km

Water: 4,200 sq. km

Land boundaries:

Total: 4,639 km

Border countries: Cambodia 1,228 km,

China 1,281 km, Laos 2,130 km

Coastline: 3,444 km (excludes islands)

Population: 94 M (14th in the world)

• Male: 49%, female: 51%

• 0-14 years: 30.2%

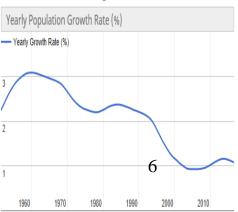
• 15-64 years: 64.2%

• 65 years and over: 5.6%

Capital: Ha Noi











History in brief

Country of Wars

• 111 BC - AD 939 Chinese Domination

(1000 years)

• **1858 - 1954** French colonization

• **1954 - 1975** North-South war

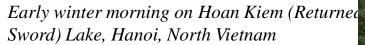
(American backed in the South)

• **1975** North-South Reunification

1975 - Now The Socialist Republic of Vietnam



Country's Regions

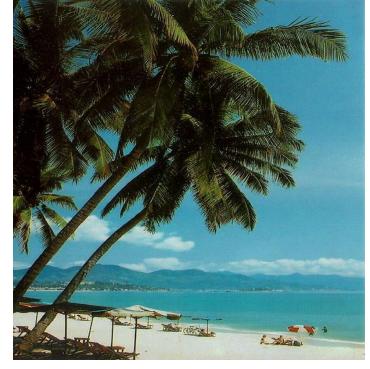




Hue, Central of Vietnam



Ben Thanh Market, Ho Chi Minh city (Saigon), South of Vietnam



Nha Trang Beach in the morning, South Vietnam

Climate











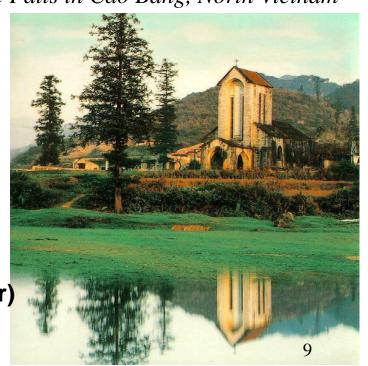


Tropical monsoon and temperate zone:

- Two seasons in the South
 - Rainy season (mid-May to mid-September)
 - Dry season (mid-October to mid-March)
- Four seasons in the North



The Ban Doc Falls in Cao Bang, North Vietnam



A church in the Sapa Valley, North Vietnam

World Cultural Heritage Sites by UNESCO



Halong Bay, North Vietnam



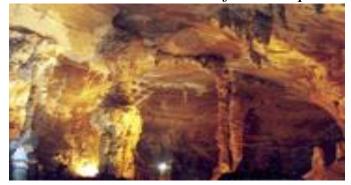
The ancient capital of Hue, Central Vietnam



The ancient town Hoi An



One of the temples at My Son



Phong Nha-Ke Bang National Park 10

The Mai Chau Valley. North Vietnam.

Agriculture

24% GDP

- Good conditions: hot, humid weather.
- Rice exportation: 2nd in the world
- Tropical fruits

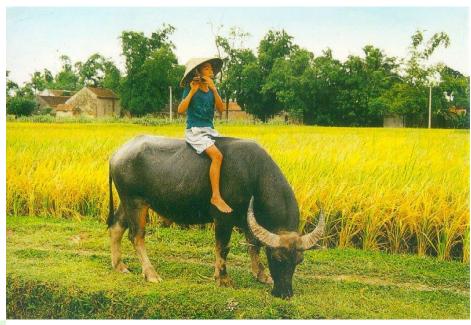








Terraced fields in Lao Cai, North Vietnam



An idyllic picture of the Vietnamese countryside



Rice transplanting



PEOPLE



Market scene in Mui Ne. Central Vietnam





On the way to the market





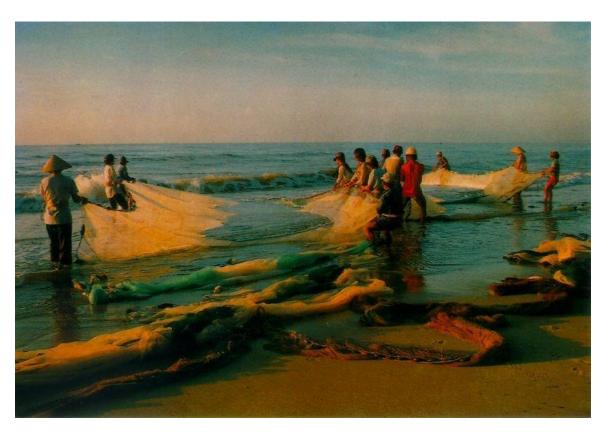
An old gentleman

Ploughing the field, the old-fashioned way



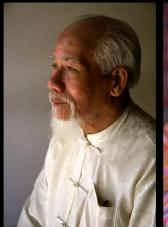
A sewing bee

People & Life



Fishing along the coast of Central Vietnam













54 different ethnic groups,

Kinh – **87%**



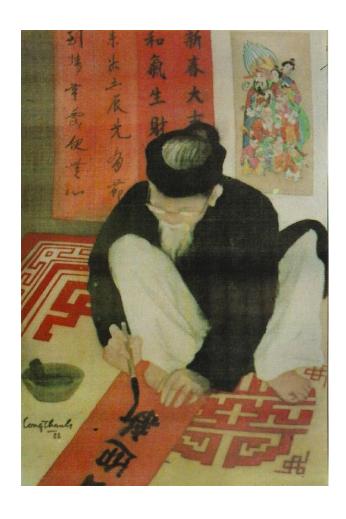




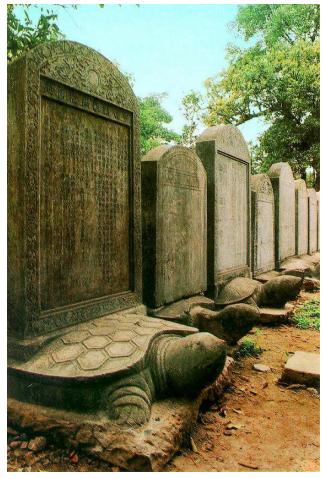
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Culture

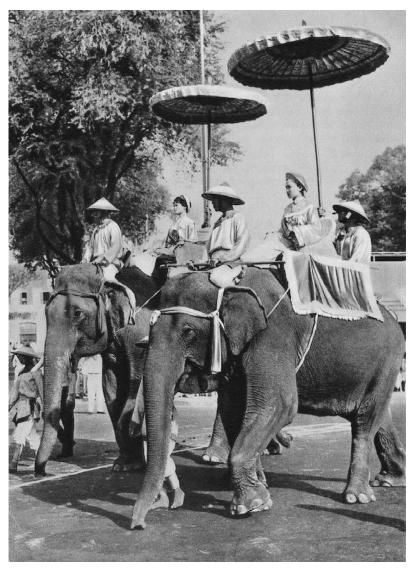


Stele-bearing turtles in the Van Mieu (Temple of Literature). Hanoi, North Vietnam! 6 This particular stele dates back to 1738

Culture



The ancient capital Hue, Central Vietnam



Procession commemorating two Vietnamese heroines (40-43 A_t-D_c.)



Lady playing traditional instrument

Culture



Water Puppet



Quan ho singing



Ao dai (flowing tunic) – Vietnamese traditional long dress



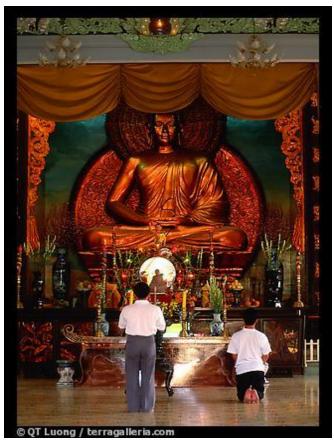


Hue ladies



Religion

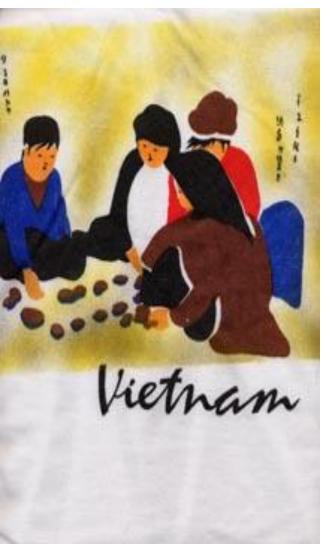






• Many religions: Buddhist, Christian, Protestant, Muslim, and other local religion e.g. Cao Dai, Hoa Hao...

Social values





- Family-Centred individual life & Backbone of society
- Respect to people senior in age, status & position
- Confucian emphasis on hierarchy of relationships and collectivism
- Self-respect and saving face

Language

Α	Ă	Â	В	С	D	Đ	Е	Ê	G
Н	I	K	L	М	Ν	0	Ô	O'	Р
Q	R	S	Т	U	Ů	>	Х	Υ	

- The Vietnamese uses alphabet which has the following 29 letters based on Roman alphabet
- Different tones among provinces and regions

Example:

Chào các bạn!

Economy





Agriculture products: paddy rice, coffee, rubber, cotton, tea, pepper, soybeans, cashews, sugar cane, peanuts, bananas; poultry; fish, seafood...

Industries: food processing, garments, shoes, machine-building; mining, coal, steel; cement, chemical fertilizer, glass, tires, oil, paper...

Services: financial services, transport, social services, education...

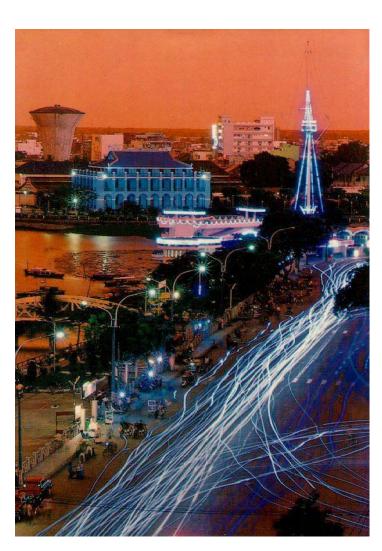
Economic Development





	2011	2012	2013	2014	2015
Population (million)	87.8	88.8	89.7	90.6	91.6
GDP per capita (USD)	1,373	1,754	1,894	2,032	2,036
GDP (USD bn)	121	156	170	184	186
Economic Growth (GDP, annual variation in %)	6.2	5.2	5.4	6.0	4 6.7

Vietnam today





Street Sound

Night scenery along the Saigon River. South Vietnam









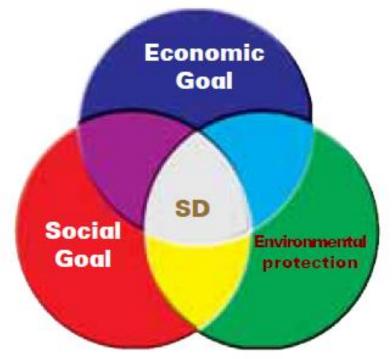
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Sustainable development concept and global implementation progress

Definition

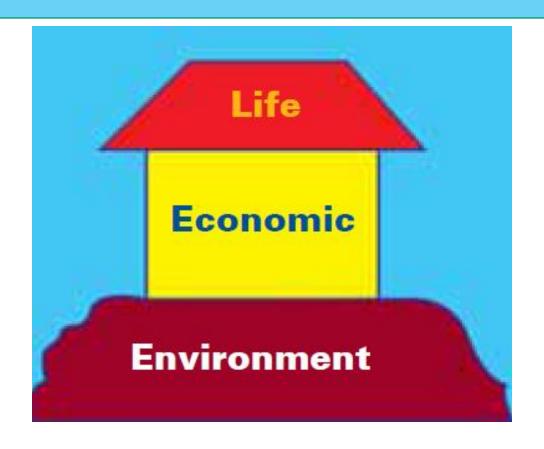
- In order to have a safer and more prosperous life, current environmental and development issues must be solved in a balanced way.
- Sustainable development is the development that satisfies the needs of the current generations without compromising the capacity of future generations to satisfy their own needs.

(Preambles of Global Agenda 21, Rio de Janeiro 1992)



All three major aspects relating to mankind life as economy, society and environment must be harmonized, combined comprehensively and integrated... and balanced effectively through policies, mechanism, tools and processes of implementing policies.

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Sustainable development sounds like constructing a socioeconomic building on an ecological environment foundation.

"Our greatest challenge in this new century is to catch up with the idea of sustainable development - which seems to be abstract - and to turn it into reality to all the people in the world".

The United Nations Secretary - General Kofi Annan Spoke on March, 2001

Sustainable development goals





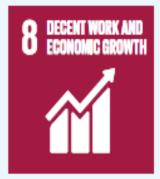
































Sustainable development Goals

□ **Goal 1:** End poverty in all its forms everywhere



I IN 5 CHILDREN LIVES IN POVERTY



Sustainable development Goals

Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture





Sustainable development Goals

Goal 3: Ensure healthy lives and promote well-being for all at all ages





Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



□ Goal 5: Achieve gender equality and empower all women and girls

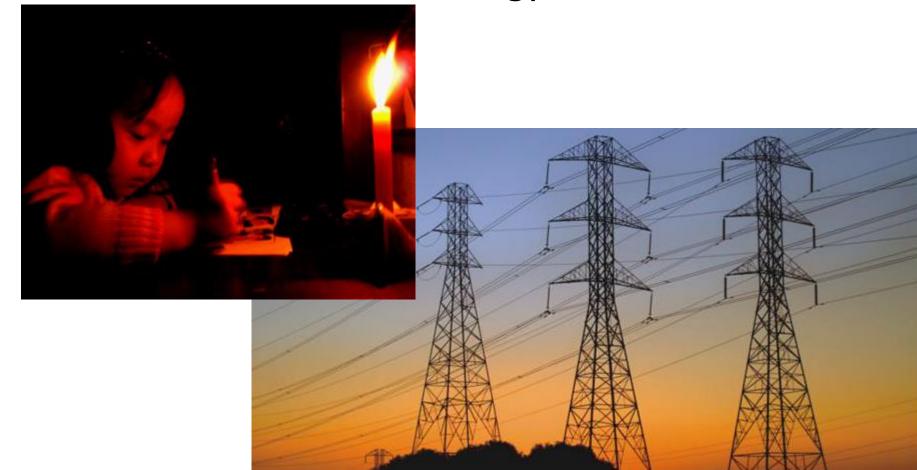




 □ Goal 6: Ensure availability and sustainable management of water and sanitation for all



□ Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all



Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

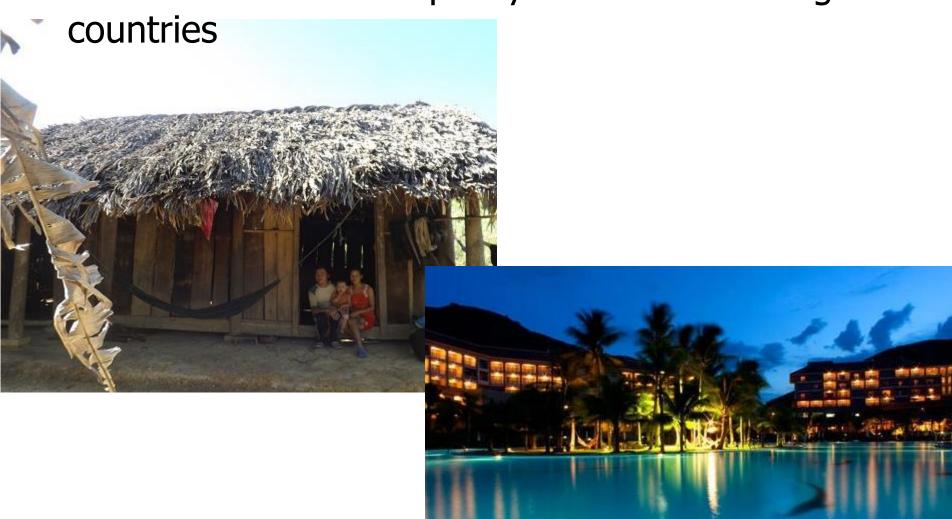




Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



□ **Goal 10**: Reduce inequality within and among



□ Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable



Goal 12: Ensure sustainable consumption and production patterns





□ Goal 13: Take urgent action to combat climate change and its impacts



□ Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development





■ Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss



□ **Goal 16**: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels



 Goal 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development



GLOBAL implementation

- 1972: The United Nations Conference on Human Environment was held in Stockholm, Sweden and attended by representatives from 113 nations. The Conference was the first global meeting on environment.
- 1983: The United Nations set up the World Commission on Environment and Development (WCED)

GLOBAL implementation

- 1992: United Nations Conference on Environment and Development (UNCED) was held in Rio de Janeiro. 179 government representatives participated and signed the 5 following important documents:
 - > The Rio Declaration on Environment and Development.
 - Global Agenda 21 on sustainable development.
 - > The Statement of Forest Principles.
 - The United Nations Framework Convention on Climate Change.
 - > The United Nations Convention on Biological Diversity.

GLOBAL implementation

- 1997: The General Assembly of the UN appraised five years of progress on the implementation of Agenda 21 (Rio +5). The Assembly recognized global progress toward achieving sustainable development.
- 2002: International Summit Conference on Sustainable Development was held in Johannesburg (South Africa) with the participation of 196 countries and many organizations.
- 2015: UN Sustainable Development Summit 2015

What is AGENDA 21

First and foremost our message is directed towards people, whose well being is the ultimate goal of all environment and development policies

(Global Agenda 21, 1992)

- Agenda 21 is a general framework to implement programs to achieve sustainable development in 21st century.
- Agenda 21 was pledged to be implemented by 179
 Nations that participated in the United Nation
 Conference on Environment and Development.

What is AGENDA 21

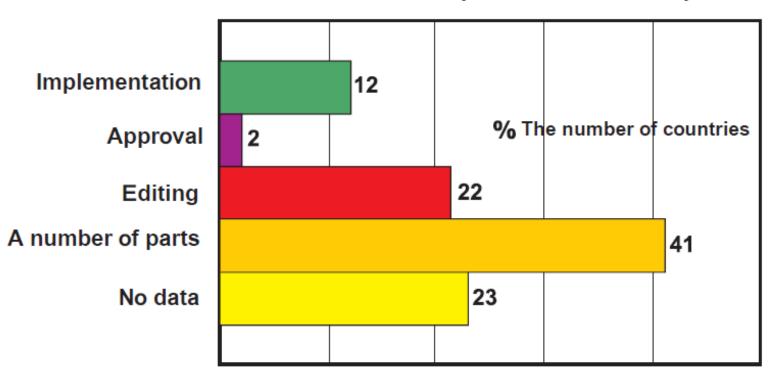
- Agenda 21 addresses the development challenges of the 21st century, affirms that human aspirations are to achieve a stage of development that is harmony of economic development, hunger elimination, poverty alleviation, social equity, reasonable resource use, and environmental protection.
- Agenda 21 calls upon all the nations to formulate their own plan, strategy and basic policies, solutions for achieving sustainable development.

What is AGENDA 21

- Agenda 21 is composed of four main contents:
 - Social and economic aspects of development (poverty, population, health, consumption pattern, settlement);
 - 2) The protection and management of natural resources;
 - 3) Strengthening the role of major groups;
 - 4) Implementation instruments (finance, science and technology, cooperation and information mechanisms).

AGENDA 21 implementation

The World (191 countries)



70 countries that have structured, approved, and realized a national strategy for sustainable development (2003).

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The strategic orientation for sustainable development in Vietnam

8 principles for sustainable development in Vietnam

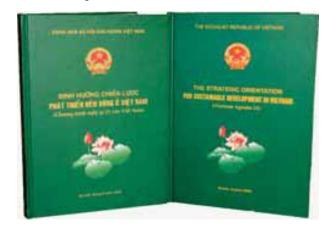
- 1) Human beings are the centre of sustainable development.
- 2) Consider economic development as the central task, appropriately and harmoniously combine with the social development; reasonably exploit, thriftily and effectively utilize natural resources in accordance with the principle "all aspects: economic, social and environmental ones enjoy benefits".
- 3) Protection and improvement of environment quality are to be considered as an inseparable factor from the development process.

• 8 principles for sustainable development in Vietnam

- 4) The development process must equally satisfy the needs of the current generations without causing obstacles for the life of future generations.
- 5) Science and technology is the foundation and momentum for the country's industrialization, modernization, quick, strong and sustainable development.
- 6) Sustainable development is the cause of the whole Party, authorities at all levels, the ministries, sectors and localities, agencies, businesses, social organizations, population communities and the whole people.

8 principles for sustainable development in Vietnam

- 7) Tightly attach the establishment of an independent and autonomous economy to the international economic integration on basis of self initiative.
- 8) Social-economic development, environmental protection should be closely combined with guarantee of national defence and security as well as social safety and order.



• 19 priority areas in development policy

5 Priority economic areas for sustainable development

- 1) Maintain rapid and sustainable economic growth rate.
- 2) Transform production and consumption patterns towards environmentally friendly direction.
- 3) Implement the "clean industrialization" process.
- 4) Agriculture and rural sustainable development.
- 5) Sustainable development of regions and localities.

• 19 priority areas in development policy

5 priority social areas for sustainable development

- 6) Great attempts should be made to eliminate hunger, alleviate poverty and speed up the implementation of social progress and equity.
- 7) Continue to reduce population growth rate and create jobs for the working forces.
- 8) Orient the process of urbanization and population migration towards the sustainable development urban areas, appropriate allocation of population and labour forces for each region.
- 9) Improve education quality in order to raise intellectual level, professional skills and qualifications and match needs of nation's development.
- 10) Develop health care services, improve working condition and living environment sanitation.

• 19 priority areas in development policy

9 priority areas for sustainable development of natural resource and environment

- 11) Prevention of land degradation and effective and stable use of land resource.
- 12) Water environment protection and sustainable utilization of water resource.
- 13) Appropriate exploitation and thrifty and sustainable utilization of mineral resources.
- 14) Protection of marine coastal and islands environment and promotion of marine resources.
- 15) Forest protection and development.

- 19 priority areas in development policy
 - 9 priority areas for sustainable development of natural resource and environment
 - 16) Air pollution control in urban and industrial zones.
 - 17) Solid waste and toxic waste management.
 - 18) Biodiversity conservation.
 - 19) Implement measures for mitigating climate change, limiting its negative impacts, preventing and controlling natural disasters.

- Principle landmarks include:
 - 1991: Promulgated Law on Environmental Protection and issued National plan for environmental and sustainable development for the period 1991-2000.
 - 1992: Established Ministry of Sciences, Technology and Environment.
 - 1993: Approved Law for Environmental Protection,
 Petroleum Law, Veterinary Ordinance, Ordinance for
 Botanical Protection and Audit, Established Environment
 Agency in Ministry of Science, Technology and
 Environment.

- Principle landmarks include:
 - 1994: Promulgated Decree No. 175/CP on instruction for implementation of the Law on Environmental Protection.
 - 1995: Adopted National Action Plan on Biodiversity Protection.
 - 1996: Promulgated Mineral Law, Ordinance on Radiation Safety and Control.
 - 1998: The Political Bureau of Vietnam Leading Party issued the Directive for strengthening environmental protection in the period of industrialization and modernization of the country.

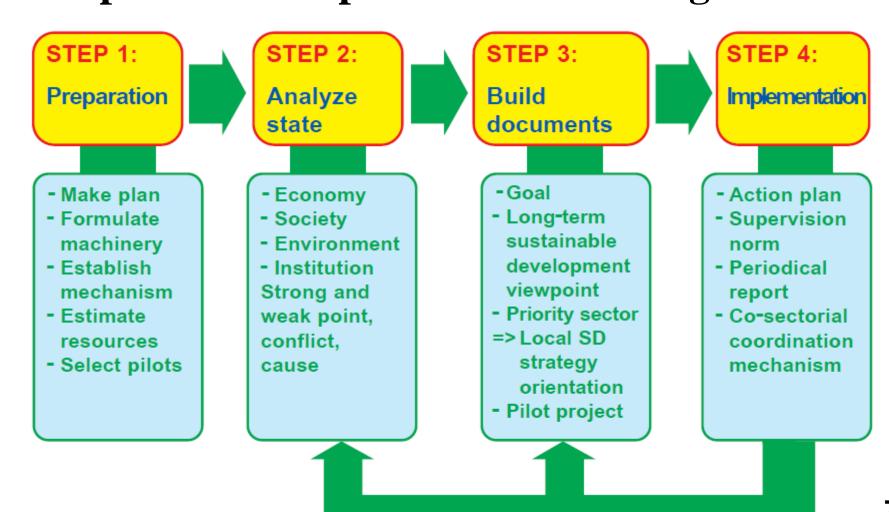
- Principle landmarks include:
 - 1999: Promulgated a Solid Waste Management Strategy for Vietnamese cities and industrial parks to 2020 and established the Regulations for the Management of hazardous waste.
 - 2002: Established Ministry of Natural Resources and Environment.
 - 2004: Signed the National Strategy on Environmental Protection for period 2004-2010 and oriented to year 2020 about environmental protection on industrialization and modernization process.

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- Vietnam is signatory to many international commitments:
 - 1990: Convention on the Rights of the Child.
 - 1999: International Declaration on Cleaner Production.
 - 2000: Implementation of Millennium Development Goals.
- The National Council of Sustainable Development was established in accordance to Decision No 1032/QD-TTg dated 27/9/2005 of the Prime Minister.

Local implementation

• The process to implement Vietnam Agenda 21



Results of sustainable development

2006

15.5

7.7

18.0

10.0

27.5

22.2

24.0

3.1

13.0

Table 1.1: Poverty rate by income (%)

2004

18.1

86

21.2

12.7

29.4

25.3

29.2

4.6

15.3

National average

By region (6 regions)

Northern Midland and mountainous areas

North Central and Central coastal areas

Red River Delta

Central Highlands

Mekong River Delta

South East

By area

Urban.

Rural

2013

9.8

37

12.7

4.9

21.9

14.0

16.2

11

9.2

2014

8.4

3.0

10.8

4.0

184

11.8

13.8

1.0

7.9

2008

13.4

67

16.1

8.6

25.1

19.2

21.0

2.5

11.4

Source: GSO, 2004-2014

2010

10.7

5.1

13.2

6.4

22.5

16.0

17.1

1.3

8.9

2010*

14.2

69

17.4

8.3

29.4

20.4

22.2

2.3

12.6

2012

11.1

43

14.1

6.0

23.8

16.1

17.8

1.3

10.1

Results of sustainable development

Source: GSO, 2004-2014

Table 1.4: Gini index by expenditure

Mekong River Delta

Table 1.4: Gilli index by expenditure									
		1993	1998	2002	2004	2006	2008	2010	2012
National average		0.329	0.35	0.370	0.370	0.358	0.356	0.393	0.356
By area									
Urban		0.337	0.288	0.353	0.332	0.329	0.347	0.386	0.344
Rural		0.278	0.131	0.281	0.295	0.302	0.305	0.332	0.317
By ethnicity									
Kinh		0.324	0.343	0.360	0.354	0.342	0.340	0.372	0.334
Non-Kinh		0.252	0.24	0.279	0.310	0.301	0.307	0.328	0.330
By region (8 regions)									
Red River Delta		0.312	0.321	0.362	0.346	0.346	0.348	0.404	0.346
North East		0.243	0.279	0.325	0.342	0.336	0.337	0.359	0.355
North West		0.224	0.223	0.346	0.363	0.366	0.378	0.419	0.391
North Central Coast		0.243	0.287	0.300	0.307	0.323	0.310	0.338	0.33
South Central Coast		0.339	0.329	0.326	0.343	0.318	0.315	0.339	0.341
Central Highlands		0.325	0.337	0.359	0.356	0.363	0.353	0.367	0.379
South East		0.361	0.363	0.384	0.347	0.353	0.363	0.397	0.332

0.314

0.296

0.301

0.317

0.302

0.311

0.318

0.303

13,193

21,819

12,049

9.578

13,132

15,438

13,069

23.246

14,858

18,893

29,039

17,922

12,767

19,588

22,405

19,870

29,161

19,696

						Source:	GSO, 200	04-2014
	Table 1.5: Average e	xpendit	ure per	person	per ann	um (tho	ousand V	VND)
		2002	2004	2006	2008	2010	2010*	2012*
National average		3,524	4,285	4,918	5,520	7,227	17,129	23,170
By area								
Urban		5,970	7,040	7,807	8,675	10,911	26,456	33,338

2,785

3.602

2,890

2,309

2,522

3,204

2,596

5,785

3,418

3,394

4.510

3,508

2,708

2,977

3.956

3,469

6,742

4,061

3,863

5.114

3.987

3,123

3,366

4.360

4,145

7.868

4,669

4.315

5.670

4.394

3,460

3,902

4.922

4,674

9,004

4.941

5,672

8,604

5,717

4,540

5,576

6,505

5,796

9,903

6.315

Rural

By region (8 regions)

Red River Delta

North East

North West

South East

Central Coast

South Central Coast

Central Highlands

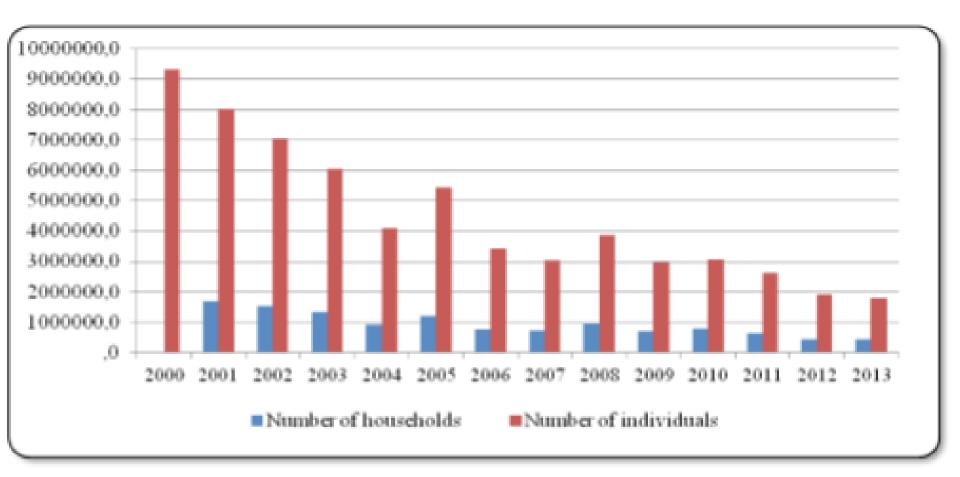
Mekong River Delta

Source: GSO, 2004-2014

Table 1.6: Access to basic living conditions

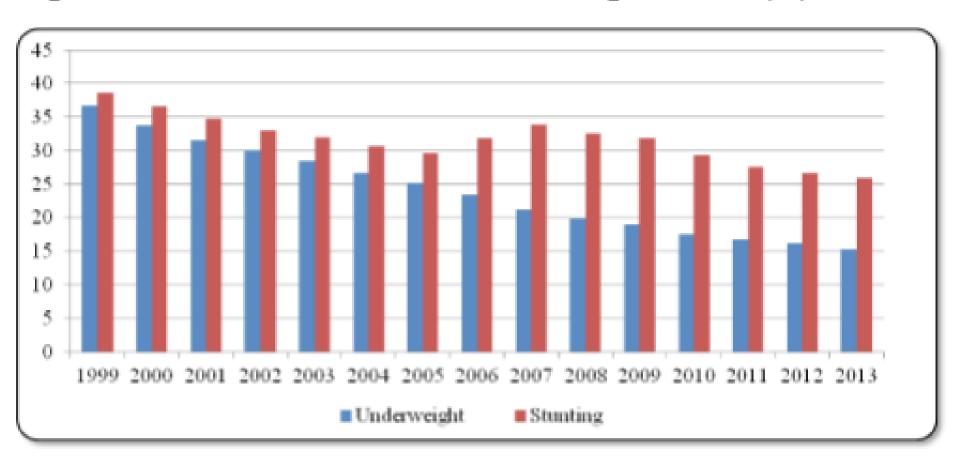
	2002	2004	2006	2008	2010	2012	2014
Permanent housing (%)	17.2	20.8	23.7	27.8	49.2	49.6	46.6 ^(*)
Living area per capita (m2)		13.5	14.7	16.3	17.9	19.4	20.6
Access to electricity grid (%)	86.5	93.4	96.0	97.6	97.2	97.6	98.6
Access to sanitary toilet (%)	55.1	61.0	59.1	65.0	75.7	77.4	71.4 ^(*)
Garbage collected by cart/truck (%)	19.4	24.4	29.0	32.7	39.2	43.3	
Access to hygienic water	78.0	80.8	89.1	92.1	90.5	91.0	89.9(*)
Durable goods per 100 households							
Car		0.1	0.2	0.4	1.3	1.8	
Motorbike		55.3	68.6	89.4	96.1	115.3	
Telephone		28.5	51.4	107.2	128.4	154.4	
Refrigerator		16.6	23.0	32.1	39.7	49.7	
Video		32.8	44.5	53.4	54.2	55.5	
Color TV		69.8	82.0	92.1	85.9	97.3	
Stereo equipment		1.0	12.8	14.9	12.6	13.6	
Computer		5.1	7.7	11.5	17.0	18.8	
Air-conditioner		2.2	3.7	5.5	9.4	11.6	
Washing, drying machines		6.2	9.3	13.3	17.6	22.7	
Water Heater		5.4	7.6	10.1	13.3	18.5	

Figure 1.1. Number of households and individuals who suffer from hunger



Source: GS0, 2000-2013

Figure 1. 2: Malnourishment rate of children aged under 5 (%)



Source: National Institute of Nutrition⁹

68.0

80.0

73.4

85.3

77.9

82.3

69.1

75.5

68.0

80.2

73.0

85.5

78.7

83.4

68.9

75.4

						Source	: <i>GSO</i> , 20	004-2014
Table 1.7: Employment to population ratio (%)								
		2008	2009	2010	2011	2012	2013	2014
Total		72.6	74.2	74.6	75.5	75.4	76.0	76.1
By gender								
Male			79.3	79.4	80.3	80.0	80.4	80.5
Female			69.4	70.2	70.9	71.1	71.8	71.9
Area								

64.0

78.7

71.9

83.2

73.6

81.2

69.1

74.4

67.3

79.4

72.9

83.9

76.5

82.7

69.0

75.7

66.0

78.5

73.2

82.6

75.6

80.8

68.1

74.4

67.9

79.2

72.7

83.7

76.2

81.8

69.6

75.9

64.3

76

Urban.

Rura1

By region (6 regions)

Northern Midland and mountainous areas

North Central and Central coastal areas

Red River Delta

Central Highlands

Mekong River Delta

South East

Table 2.2: Literacy rates for population aged 15 and older (%)

							-	-	
	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	93.6	93.8	93.6	94.0	93.7	94.2	94.7	94.8	94.7
By gender									
Male	96.0	96.2	96.1	96.1	95.9	96.5	96.6	96.6	96.4
Female	91.4	91.6	91.3	92.0	91.6	92.2	92.9	93.1	93.0
By area									
Urban	96.9	97.0	97.0	97.3	97.0	97.3	97.5	97.6	97.5
Rural	92.3	92.5	92.2	92.5	92.3	92.7	93.3	93.4	93.3
By region									
Red River Delta	96.8	96.9	96.5	97.5	97.3	97.6	98.0	98.1	98.1
Northern midlands and mountain areas	88.8	89.0	88.5	88.1	88.3	89.3	89.2	89.5	89.0
North Central and Central coastal areas	94.3	94.6	94.2	94.5	93.3	93.9	94.5	94.7	95.2
Central Highlands	88.2	88.9	89.9	88.8	89.9	90.8	92.1	91.2	90.3
South East	96.1	96.0	96.2	96.7	96.3	96.7	97.0	97.1	97.2
Mekong River Delta	91.8	92.2	91.7	92.0	92.2	92.3	93.1	93.4	92.6
g 280	17777 00	1 2006	2014						

Source: GSO, VHLSS 2006-2014

Figure 3.2 Literacy Rate of Adult, Male and Female (%)

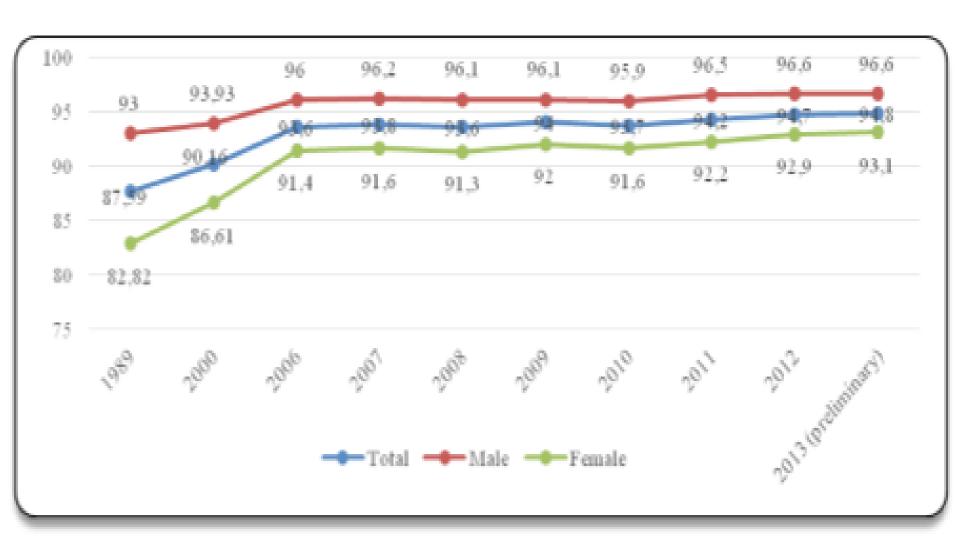


Figure 7.5: Proportion of households using hygienic toilets and clean water resources

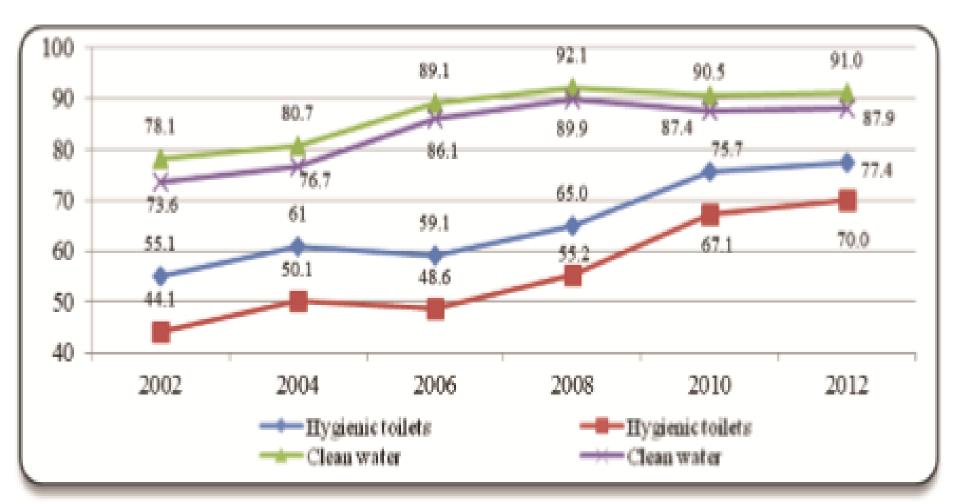
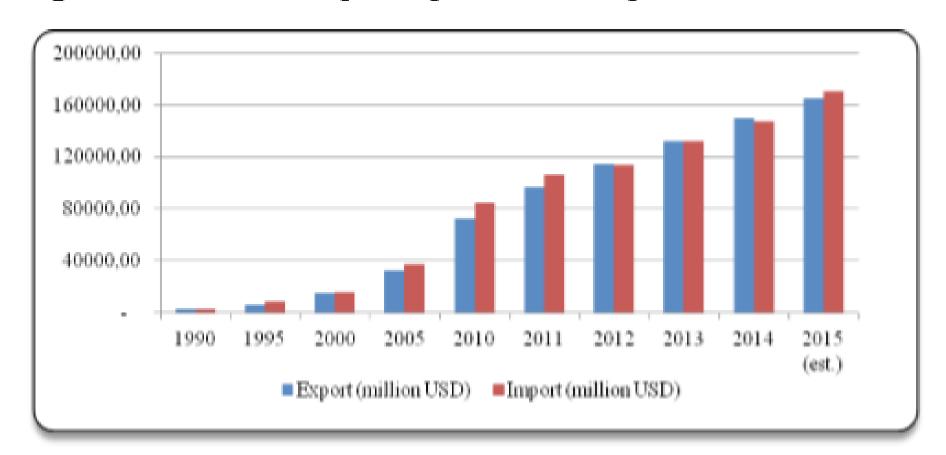


Table 8.1: Viet Nam's participation in FTAs

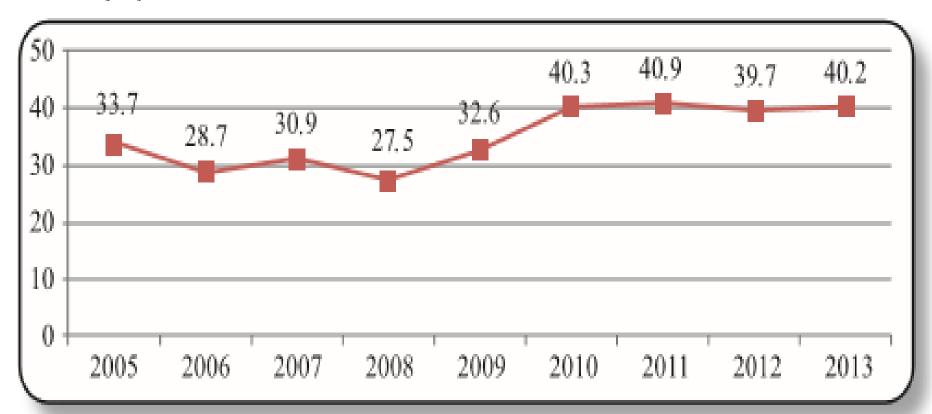
	Table 5.1: Viet Nam's participation in FTAs
Year	FTAs
	<u>Signed</u>
1995	ASEAN (AFTA)
2001	Viet Nam – US Bilateral Trade Agreements
2004	ASEAN – People Republic of China FTA (ASEAN – PRC FTA)
2006	ASEAN – Korea FTA (ASEAN – KOR FTA)
2007	Viet Nam Joining the WTO
2008	ASEAN – Japan
2008	Viet Nam – Japan
2009	ASEAN – Australia/New Zealand (AANZFTA)
2009	ASEAN – India (AIFTA)
2012	Viet Nam – Chile FTA (VCFTA)
2014	Viet Nam - Customs Union of Russia - Belarus - Kazakhstan
2015	Viet Nam – Korea FTA (VKFTA)
2015	Viet Nam - Eurasian Economic Union (EAEU) FTA
	In negotiation
	+ ASEAN – EU + Trans Pacific Partnership (TPP) + Viet Nam – European Free Trade Agreement (EFTA) + Regional Comprehensive Economic Partnership Agreement (RCEP) (ASEAN+6)

Figure 8.1: Viet Nam's import-export data in the period 1990 - 2015



Source: MPI's data

Figure 8.6: Viet Nam's external debt stock as a percentage of GNI in 2005 – 2013 (%)



Source: World Bank's data – 2015 International Debt Statistics

Conclusion

- The sustainable development implementation has been managed very effectively.
- □ Viet Nam's inclusive and comprehensive growth model, combining socio-economic development, environmental protection and pro-poor growth has been a key factor in helping Viet Nam achieve success in implementing the sustainable development.
- Effective implementation of sustainable development with strong political commitment

Thank you very much for your attention! Köszönöm szépen a figyelmet! Trân trọng cảm ơn!