MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT OF VIETNAM

REPORT ON THE STATUS OF BIOENERGY DEVELOPMENT IN VIETNAM

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Energy situation in Vietnam







Agriculture situation in Vietnam

Area, Product and residue production in Vietnam

Content	Rice	Maize	Soybeans	Cassava	Peanut	Sugarcane
Area (1000 ha)	7,900	1,158	115	548	218	310
Production (1000 tons)	44,050	5,150	175	9,740	515	20,000
Dried residue yield (tons/ha)	7	8.54	3.4	5.3	4.2	22
Total residue production (1000 tons)	48,455	5,665	193	10,714	567	50,000

Source : Ministry of Agriculture and Rural Development, 2013



Agriculture situation in Vietnam



The development objective of Vietnam's agricultural sector by 2020, vision 2030

Target	The period	Vision 2030	
	2011 -2020		
GDP growth	3,5 - 4%	3 - 3,2%	
The production value	4,3 - 4,7%/year	4 - 4,3%/year	
of agriculture, forestry			
and fisheries			
Forest cover	44 - 45% in		
	2020		
Export turnover	\$40 billion	\$ 60 billion	

Source: According to Decision No124/QD-TTg, 02/2/2012 dated of the Prime Minister approving the master plan to develop the agricultural sector in 2020, with a vision to 2030.



Agriculture situation in Vietnam

*****What are the main issues?

✓ Efficient use of land, labor productivity is too low and uneven.

Status of small production, dispersion still exists, especially in the northern and central provinces.
Life is still poor farmers, increasing gap between rich and poor and between urban and rural.



***** Policy framework of the Government:

Decision of "Vietnam National Energy Development Strategy to 2020, with a Vision to 2050", No. 1855/QĐ-TTg, 27/12/2007 (to increase the proportion of Re Energy to 5% of total commercial Primary Energy in 2020, and 11% in 2050).

• Decision of "The master plan for the development of biofuels by 2015, with a vision to 2025", No. 177/2007/QĐ-TTg, 20/11/2007 (2015: Bioethanol and Biodiesel production reach 250,000 Million tons, accounting for 1% total national filling demand; 2025: Bioethanol and Biodiesel Production will be 1.8 Million tons, about 5% total national filling demand).

 Decision of "Support the development of biomass power project in Vietnam", No. 24/2014/QĐ-TTg, 24/03/2014.



*****Biomass energy potential of Vietnam:

from about 25 million tones of forestry and agricultural residues about 60 million tons.

• Biogas potential of about 5000 million tones.

***Opportunity:**

- Fossil fuels are running out, rising world oil prices.
- There are sources of biomass.
- Agricultural production development .
- Biomass power industry growth rate.
- Policies and institutions of the state become more complete, convenient to bioenergy development.

• There are many opportunities for cooperation with other countries in the ASEAN region and beyond.



*****Challenge:

• The purchase price of electricity from energy projects less attractive to investors. While the main barriers for the development of energy production costs.

• Investment spontaneous, lack of information and database for the overall planning and policy making not commensurate with the existing potential of the country.

- The policy and institutional support is incomplete.
- Price mechanism, bidding and practicing certificate ...
- Price of the applicable technology, difficult access to capital to develop energy projects.
- Awareness of community biomass is limited.



Conclusion

≻Fuel resources and energy and diversity of Vietnam has some highly competitive categories.

➢Biomass currently accounts for a large proportion of energy consumption in Vietnam, but has not been much interested. The technology used is not efficient (environmental and economic).

➤Continue to improve the policies and institutions of the state.
Diverse sources of investment capital.

➤So choosing the appropriate technology for potential biomass availability and in accordance with the ability of the provinces in Vietnam.

➢ Develop a roadmap for Bioenergy development in Vietnam is essential.



THANK YOU FOR YOUR ATTENTION!

