

**IMPROVING INFRASTRUCTURE, ENHANCING  
ENVIRONMENT QUALITY FOR SUSTAINABLE  
DEVELOPING HANOI CAPITAL TOWARD GREEN-  
CIVILIZATION-MODERIZATION**

**Speech of Dr. Nguyen The Thao, Chairman of Hanoi  
people's committee in the 11th ANMC21 Plenary Meeting**

## *Ladies and Gentlemen,*

Hanoi is Vietnam's national political – administrative headquarters, a major center for culture, science, education, economics and international trade. Hanoi's area is 3.345km with approximately 7 million people, which is one of the most populated city in the region.

In the recent years, together with the country, Hanoi has gained outstanding and remarkable achievement in industrialization, modernization progress. Economic grow continuously with high speed, above 10% per year. Hanoi is the second economy centre of the country contributing 15% to Vietnam's GDP. The city has witnessed strongly improvements in social – culture, social security as well as life's quality of the resident. Political security, social order and safety is maintained, investment atmosphere and provincial competitiveness index have been improving. Infrastructure system in the area has been built and modernized. Many new urban areas are built (approximately 1.5 million m<sup>2</sup>/year). Urban traffic network has been invested, upgraded and expanded. Public transportation, especially fast-bus system and urban railway has been invested. Water supply system in Hanoi currently ensuring clean water for 97% of urban resident. Urban environment has been improved; the ratio of collection and treatment for solid waste in the inner area of Hanoi city is 98%. The system of lakes, parks, trees which has been renovated often (the average ratio of tree in urban area is 10m<sup>2</sup>/person) has made Hanoi become a clean – green – beautiful city.

However, Hanoi is facing many challenges: labor immigration to the city is increasing fast (currently 1.5 million people); urban infrastructure is overloaded, personal means of transportation increase 15 – 20% each year. At the moment, there are around 500.000 cars, 4 million motorbikes while the public transportation (bus system) has just meet 10% of the resident's demand. Public transport system has been upgrading but slowly due to the lack of capital, which leads to regularly traffic jam. Slowly upgraded drainage system lead to flooding situation, the ratio of treated waste water is just 10% of the city' demand. These are the most challenges that the city is facing and finding solution.

## *Ladies and gentlemen*

Master Plan of Hanoi to 2030 with the vision to 2050 has affirmed the target: “Developing Hanoi toward sustainable development, modern and comprehensive infrastructure system which ensuring the combination between culture, preserved heritages, historical relics with economic development, in which focus on environmental protection”. “Making Hanoi capital become a green – civilized – modern city”

In order to reach that target, Hanoi has gathered all the available resources boost the investment, construction of infrastructure system, especially green public transportation one; actively respond to climate change issue as well as preserving architecture site. This should be considered as a breakthrough initiative to construct and develop sustainable urban.

In term of transportation: along with renovated and upgraded current transport network, Hanoi needs to develop fast-connected traffic system like radial and ring road, especially public transport system like bus rapid transit (BRT) and urban railway, METRO, elevated railway system.

In term of protection and improvement of the environment: along with renovating lakes, river, the city need to upgrade drainage system, apply new technology to solid waste treatment works , invest and develop park, tree as planned in order to reach the rate of 17 – 18m<sup>2</sup> tree per person in inner city area.

Along with those above solutions, the city will move polluted manufacturing facilities, universities, healthcare units and offices... to suburban area. Other solutions would be applied such as limiting labor migration to urban centre; reducing 1/3 of urban population in 2020; raising tax and fine to personal means of transportation go through the city center.

All such solutions are to reduce personal transportation, increase the amount of public means of transportation, lower population density, improve tree ratio, environment and life's quality of the residents.

## **Ladies and gentlemen**

In order to achieve those objectives, Hanoi is looking for the supports and sharing the valuable experiences from other members of ANMC 21. We are also willing to co-operate with other cities for a sustainable development of our network.

*Thank you very much for your attention.*

*May I wish all of you healthy and happiness!*