

## REPORT “INTERNATIONAL WORKSHOP ON SMART CITY STAKEHOLDERS CLUSTER DEVELOPMENT IN VIETNAM”

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On May 6<sup>th</sup>, 2019, Ho Chi Minh City University of Natural Resources and Environment (HCMUNRE) hold the “International workshop on smart city stakeholders cluster development in Vietnam”, at the office Hall belongs to the second office of Ministry of Natural Resources and Environment.

There are more than 60 participants including Scientists, Researchers (40) and State managers coming from government organizations (14) such as Ho Chi Minh City Department of Science and Technology, Department of Information and Communications, Department of Planning and Architecture, Management Center of Sai Gon River Tunnel; Representative of the Ministry of Education and Training in Ho Chi Minh City and Communist Party, Department of Science and Technology in Binh Duong province, Binh Duong Department of construction, Binh Duong Department of Natural resources; and Universities (27) in Ho Chi Minh City, Hue University of Sciences, Hai Phong University, Binh Duong University, Thu Dau Mot University and students (13), Sai Gon Giai Phong Newspaper; as well as the enterprises (10) such as: Hoang Ha Trading - Construction – Manufacturing Ltd. Co., Ho Chi Minh City Urban Environment Ltd.Co., FPT, BimPro VN, Sustainable association of enterprises (10) and International researchers from Finland (3), Netherlands (2) and United Kingdom (1) University.



Sharing experience to develop smart and sustainable city in HCMC, Mr. Le Quoc Cuong – Deputy Director of the Department of Information and Communications said that the project’s strategic task focused on building the four pillar centers including the shared data and open data ecosystem, Intelligent Operations center, center for Socio - Economic Simulation and Forecast, City Information Security center.



Mr. Nguyen Quoc Cuong - Director of Binh Duong Department of Science and Technology shared experience on how Binh Duong has developed smart city. Binh Duong developed smart city based on their strong industrial potentials, infrastructure and new cities which were planned following the international standards. Binh Duong province selected Eindhoven city (Netherlands) as the strategic cooperation partner, followed the two Mechanisms – Four Areas – Six Criteria, of which the “Triple Helix Model” – “Enterprises – Universities/Institutes – Governors” - is the key enabler for synchronous and sustainable development, where citizens and enterprises are central, in order to transform gradually the economy to services and high-tech production, build a dynamic and creative living environment, attract talent, promote added values, reach the goal of the intelligent communities forum (ICF’s criteria) and welcome the wase of 4.0 industry.



Dr. Doan Xuan Minh Huy - Institute for Computational Science and Technology shared the experiences from a crowd sourcing App for developing a Network of Research for smart city which emphasized the role of connecting and sharing information with authorities, research and training agencies.



Mr. Martijn Rietbergen – Professor from Utrecht University of Applied Science – Netherlands shared best practices of Stakeholder – Student Co-Operation in Netherland, he pointed out that the strong links with the professional fields and regions were very significant, which were each study programme has developed not only based on professional specification but also suitable with requirements of future employers. Therefore, the internship programs are a compulsory part of study programmes to transfer knowledge driven by demand and practical research. Training needs to connect tightly with SMEs, business, public sector, municipalities and province. He also shared QUEST project’s structure and experiences of stakeholders cooperation.



Sharing of Ms. Henna Knuutila – Professor from Turku University of Applied Science was also related to best practices of Stakeholder – Student Co-Operation in Finland. Those were

to carry out three core activities including: orientate practical works combines with theoretical studies and professional skills; link with practical works which could be any things from the short-development projects designed for individual organizations to international projects last for several years; and business opportunities such as experts supplies and training.



Workshop also hold the roundtable discussion for sharing experience among stakeholders facilitated by Assoc. Prof. Nguyen Thi Van Ha. The roundtable speakers are Ms. Henna Knuutila from Turku University of Applied Science, Mr. Nguyen Quoc Cuong from Department of Science and Technology in Binh Duong province, Mr. Do Vu Thanh Son from Hoang Ha Trading - Construction - Manufacturing Co.,Ltd., Ms. Pham Thi Thuy Linh - Youth union representatives of Ministry of Natural Resources and Environment in Ho Chi Minh City, and Mr. Huynh Huu Hai Binh is director of NHC project on Progress of dead-waste rescue.

At the discussion panel, speakers shared experiences relating to: changing in High Education Institutes (HEIs) to response to human resources demands for sustainable smart cities, they shared and discussed on successful key issues for create the non-distinguished link public and private for developing sustainable smart city model, or sharing of representatives from the Youth Union of MONRE about how to gather and lead the young people with environmental knowledge and what are their main concerns on orientation of youth living, thinking and working in sustainable and smart cities. Representative from the solar-panel company shared their experience during cooperation of HEIs when extend and express the building-solar energy development for sustainable and smart cities. The roundtable speakers and participants also have very interesting discussion on start-up dynamics, especially for environmental public communication and media, whether there is a difference between employees with and without training on sustainable and smart city knowledge in their companies.



Roundtable forum among speakers from enterprises, government and HEIs.

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HOCHIMINH CITY UNIVERSITY OF NATURAL RESOURCES AND ENVIRONMENT

**PROGRAM MANAGER**

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Refer to study program at website:  
[www.saunaclearning.vn/course/index.php](http://www.saunaclearning.vn/course/index.php)  
Refer to SAUNAC project at website:  
[www.saunac.eu](http://www.saunac.eu)

**HUMAN RESOURCE TRAINING PROGRAM**  
BUILDING SMART AND SUSTAINABLE VIETNAMESE CITIES (SSVC)

**LECTURER BOARD**

- HCMC Univ. of Natural Resources and Environment
- National University of Civil Engineering
- VNU- University of Science (HUS)
- Haiphong University
- Hue University of Science
- Univ. of Danang – Univ. of Science and Technology

**STUDY METHODOLOGY**  
Directly at HCMC Univ. of Natural Resources and Environment and online in other cities.

- Study time: From July to September 2019  
- Time for research report: December 2019  
- Register via email:  
[msb@ccge@hcmuon.edu.vn](mailto:msb@ccge@hcmuon.edu.vn)

At the workshop, Associate Professor Nguyen Thi Van Ha from Ho Chi Minh City University of Natural Resources and Environment introduced the Human Resource training program to build Vietnamese smart and sustainable cities – SSVCs, which will be organized in 2019.

The Youth Union calls for participants of the Green Future program organized by Youth Union of Faculty of Environment, the Youth Union of the Ministry of Natural Resources and Environment with this year topic of Green and smart living in the sustainable city. The Youth Union sent out

invitation to all Universities attending workshop for campaigning.

Workshop also displayed 8 posters from students projects developed under the SAUNAC project during tea break and lunch time.

