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**Pilot Training Program on Smart Sustainable Cities in Vietnam**  
**SAUNAC**  
**SUSTAINABILITY ALLIANCE OF URBAN NETWORKS IN ASIAN CITIES**  
[2<sup>nd</sup> – 6<sup>th</sup> . 07 . 2018]

**Venue: Meeting room B – HoChiMinh City University of Natural Resources and Environment**

**236 B Le Van Sy – Ward 1 – Tan Binh District – HoChiMinh City**

**Module 1 – INTRODUCTION AND METHODOLOGY**

<b>MONDAY, 02/07/2018</b>		
<b>07:30 - 09:30</b>	<b>Topic 1- Introduction</b>	<b>Dinh Minh Thu</b>
<b>09:30 - 09:45</b>	<b>Coffee break</b>	
<b>09:45 - 11:30</b>	<b>Topic 1- Introduction</b>	<b>Martijn</b>
<b>11:30 - 12:30</b>	<b>LUNCH</b>	
<b>13:30 - 15:00</b>	<b>Topic 2: Smart Sustainable City Model</b>	<b>Dinh Minh Thu</b>
<b>15:00 - 15:15</b>	<b>Coffee break</b>	
<b>15:15 - 17:00</b>	<b>Topic 2: Smart Sustainable City Model</b>	<b>Patrick</b>
<b>TUESDAY, 03/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 3: Indicators and Benchmarking</b>	<b>Nguyen Thi Tuyen</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 3: Indicators and Benchmarking</b>	<b>Nguyen Thi Tuyen</b>
<b>WEDNESDAY, 04/07/2018</b>		
<b>07:30 - 9:15</b>	<b>Topic 4: Welcome, let's get the project right!</b>	<b>Nguyen Thi Tuyen</b>
<b>9:15 - 9:30</b>	<b>Coffee break</b>	
<b>9:30 - 11:30</b>	<b>Topic 4: Welcome, let's get the project right!</b>	<b>Nguyen Thi Tuyen</b>



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<b>THURSDAY, 05/07/2018</b>		
<b>08:30 - 10:00</b>	<b>Topic 5: Dive deeper, go out there!</b>	<b>Bui Van Bien</b>
<b>10:00 - 10:15</b>	<b>Coffee break</b>	
<b>10:15 - 11:45</b>	<b>Topic 5: Dive deeper, go out there!</b>	<b>Bui Van Bien</b>
<b>11:45 - 13:30</b>	<b>LUNCH</b>	
<b>FRIDAY, 06/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 6: Idea generation and concept validation</b>	<b>Bui Van Bien</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 6: Idea generation and concept validation</b>	<b>Bui Van Bien</b>
<b>11:45 - 13:30</b>	<b>LUNCH</b>	
<b>MONDAY, 16/07/2018</b>		
<b>07:30 - 11:30</b>	<b>Final Examination (Module 1)</b>	
<b>11:30 - 13:30</b>	<b>LUNCH</b>	
<b>13:30 - 15:30</b>	<b>Student presentation</b>	



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## Pilot Training Program on Smart Sustainable Cities in Vietnam

### SAUNAC SUSTAINABILITY ALLIANCE OF URBAN NETWORKS IN ASIAN CITIES

[9<sup>th</sup> – 14<sup>th</sup> . 07 . 2018]

Venue: Meeting room B – HoChiMinh City University of Natural Resources and Environment

236 B Le Van Sy – Ward 1 – Tan Binh District – HoChiMinh City  
Module 2 – DESIGN FOR SOCIAL SUSTAINABILITY

MONDAY, 9/07/2018		
07:30 - 9:30	Topic 1 - Introduction	Phan Nhu Thuc
9:30 - 9:45	Coffee break	
9:45 - 11:30	Topic 1 - Introduction (cont.)	Phan Nhu Thuc
11:30 - 13:30	LUNCH	
13:30 - 15:15	Topic 2 - Quality and needs	Phan Nhu Thuc
15:15 - 15:30	Coffee break	
15:30 - 17:30	Topic 2 - Quality and needs (cont.)	Phan Nhu Thuc
TUESDAY, 10/07/2018		
07:30 - 9:30	Topic 3 - Building blocks for social sustainability	Dang Quang Hai
9:30 - 9:45	Coffee break	
9:45 - 11:30	Topic 3 - Building blocks for social sustainability (cont.)	Dang Quang Hai
11:30 - 13:30	LUNCH	
13:30 - 15:15	Topic 3 - Building blocks for social sustainability (cont.)	Dang Quang Hai



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<b>15:15 - 15:30</b>	<b>Coffee break</b>	
<b>15:30 - 17:30</b>	<b>Group work</b>	<b>Dang Quang Hai</b>
<b>WEDNESDAY, 11/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 4 - Stakeholder analysis</b>	<b>Phan Nhu Thuc</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 4 - Stakeholder analysis (cont.)</b>	<b>Phan Nhu Thuc</b>
<b>11:30 - 13:30</b>	<b>LUNCH</b>	
<b>13:30 - 15:15</b>	<b>Assignment 1</b>	<b>Phan Nhu Thuc</b>
<b>15:15 - 15:30</b>	<b>Coffee break</b>	
<b>15:30 - 17:30</b>	<b>Group work</b>	<b>Phan Nhu Thuc</b>
<b>THURSDAY, 12/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 5 - Behaviour change</b>	<b>Visiting lecturer</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 5 - Behaviour change (cont.)</b>	<b>Visiting lecturer</b>
<b>11:30 - 13:30</b>	<b>LUNCH</b>	
<b>13:30 - 15:15</b>	<b>Topic 6 - Case studies and comparison</b>	<b>Dang Quang Hai</b>
<b>15:15 - 15:30</b>	<b>Coffee break</b>	
<b>15:30 - 17:30</b>	<b>Topic 6 - Case studies and comparison (cont.)</b>	<b>Dang Quang Hai</b>
<b>FRIDAY, 13/07/2018</b>		
<b>07:30 - 11:30</b>	<b>Group work</b>	<b>Dang Quang Hai</b>
<b>11:30 - 13:30</b>	<b>LUNCH</b>	
<b>13:30 - 17:30</b>	<b>Assignment 2</b>	<b>Dang Quang Hai</b>



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<b>SATURDAY, 14/07/2018</b>	
<b>07:30 - 11:30</b>	<b>Excursion</b>
<b>MONDAY, 23/07/2018</b>	
<b>07:30 - 11:30</b>	<b>Group project presentation</b>
<b>11:30 - 13:30</b>	<b>LUNCH</b>
<b>13:30 - 15:30</b>	<b>Final Examination (Module 2) – Assignment 3</b>



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**Pilot Training Program on Smart Sustainable Cities in Vietnam**  
**SAUNAC**  
**SUSTAINABILITY ALLIANCE OF URBAN NETWORKS IN ASIAN CITIES**  
**[17<sup>th</sup> – 20<sup>th</sup> . 07. 2018]**

**Venue: Meeting room B – HoChiMinh City University of Natural Resources and Environment**

**236 B Le Van Sy – Ward 1 – Tan Binh District – HoChiMinh City**

**Module 4 – ENGINEERING SUSTAINABLE CITIES**

<b>TUESDAY, 17/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 1- Introduction and data presentation of City</b>	<b>Nguyen Thi Van Ha</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Assignment 1</b>	<b>Pham Thi Diem Phuong</b>
<b>11:30– 13:30</b>	<b>LUNCH</b>	
<b>13:30 – 17:30</b>	<b>Topic 1 - + Key Performance Indicators (KPIs)</b>	<b>Javier Orozoco Messana</b>
<b>WEDNESDAY, 18/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 2 - Life Cycle Analysis (LCA)</b>	<b>Thai Phuong Vu</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 2 - Life Cycle Analysis (LCA) (cont.)</b>	<b>Thai Phuong Vu</b>
<b>11:30– 13:30</b>	<b>LUNCH</b>	
<b>13:30– 15:15</b>	<b>Topic 3 – Water management</b>	<b>Nguyen Thi Van Ha</b>
<b>15:15- 15:30</b>	<b>Coffee break</b>	
<b>15:30- 17:30</b>	<b>Topic 3 – Water management (cont.)</b>	<b>Nguyen Thi Van Ha</b>



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<b>THURSDAY, 19/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 4 – Waste management</b>	<b>Do Thanh Van</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 4 – Waste management</b>	<b>Nguyen Thi Van Ha</b>
<b>11:30– 13:30</b>	<b>LUNCH</b>	
<b>13:30– 15:15</b>	<b>Topic 4 – Waste management</b>	<b>Knuutila Henna</b>
<b>15:15- 15:30</b>	<b>Coffee break</b>	
<b>15:30- 17:30</b>	<b>Topic 5 – Building and energy efficiency</b>	<b>Javier Orozoco Messana</b>
<b>FRIDAY, 20/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 5 – Building and energy efficiency</b>	<b>Nguyen Thi Van Ha</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 5 – Building and energy efficiency</b>	<b>Javier Orozoco Messana</b>
<b>11:30– 13:30</b>	<b>LUNCH</b>	
<b>13:30 – 17:30</b>	<b>Assignment 2</b>	<b>Pham Thi Diem Phuong</b>
<b>TUESDAY, 24/07/2018</b>		
<b>08:00 – 17:00</b>	<b>Excursion Pham Thi Diem Phuong + Do Thanh Van</b>	
<b>WEDNESDAY, 25/07/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 6 - Information communication technology</b>	<b>Visiting lecturer</b>



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<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 6 - Information communication technology (cont.)</b>	<b>Visiting lecturer</b>
<b>11:30- 13:30</b>	<b>LUNCH</b>	
<b>13:30 17:30</b>	<b>Group work</b>	
<b>MONDAY, 30/07/2018</b>		
<b>07:30 -11:30</b>	<b>Group project presentation</b>	
<b>11:30- 13:30</b>	<b>LUNCH</b>	
<b>14:30 15:30</b>	<b>Final Examination</b>	



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**Pilot Training Program on Smart Sustainable Cities in Vietnam**  
**SAUNAC**  
**SUSTAINABILITY ALLIANCE OF URBAN NETWORKS IN ASIAN CITIES**  
**[06<sup>th</sup> – 10<sup>th</sup> . 8 . 2018]**

**Venue: Meeting room B – HoChiMinh City University of Natural Resources and Environment**

**236 B Le Van Sy – Ward 1 – Tan Binh District – HoChiMinh City**

**Module 3 – SUSTAINABLE ENTREPRENEURSHIP**

<b>MONDAY, 06/08/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 1- Introduction to the course</b>	<b>Nguyen Lan Huong</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 1: cont: -Enterpreneurship and Sustainable Smart City</b>	<b>Martijn Rietbergen</b>
<b>11:30– 13:30</b>	<b>LUNCH</b>	
<b>13:30 – 17:30</b>	<b>Topic 1: cont: Case study discussion</b>	<b>Nguyen Lan Huong</b>
<b>TUESDAY, 07/08/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 2- Business Model Canvas</b>	<b>Do Hong Anh Nguyen Phuong Thao</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 2 - Enterpreneurship skills -</b>	<b>Claire Baird</b>
<b>11:30– 13:30</b>	<b>LUNCH</b>	
<b>13:30 – 15:00</b>	<b>Assignment 1: Business model canvas - Group work</b>	<b>Do Hong Anh Nguyen Phuong Thao</b>
<b>15:00 15:15</b>	<b>Coffee break</b>	
<b>13:30 17:30</b>	<b>Topic 3 - Enterpreneurship skill: innovation</b>	<b>Nguyen Lan Huong</b>



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WEDNESDAY, 08/08/2018		
<b>07:30 - 9:30</b>	<b>Topic 3 - Business model canvas - Value proposition</b>	<b>Do Hong Anh</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 3 – Assignment 2: Group pitch</b>	<b>Do Hong Anh Nguyen Lan Huong</b>
<b>11:30–13:30</b>	<b>LUNCH</b>	
<b>13:30–15:15</b>	<b>Topic 4 – Business Model canvas: Customer segment</b>	<b>Nguyen Phuong Thao</b>
<b>15:15-15:30</b>	<b>Coffee break</b>	
<b>15:30-17:30</b>	<b>Topic 4 – Assignment 3 - Market research report presentation</b>	<b>Nguyen Lan Huong</b>
THURSDAY, 9/08/2018		
<b>07:30 - 9:30</b>	<b>Topic 5 - Business Model canvas: Customer relationship, Channel</b>	<b>Nguyen Phuong Thao</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 5 – Assignment 4: Questionnaire Customer</b>	<b>Nguyen Phuong Thao Nguyen Lan Huong</b>
<b>11:30–13:30</b>	<b>LUNCH</b>	
<b>13:30–15:15</b>	<b>Topic 6 - Mid-Term review</b>	<b>Nguyen Phuong Thao Nguyen Lan Huong</b>
<b>15:15-15:30</b>	<b>Coffee break</b>	
<b>15:30-17:30</b>	<b>Topic 7- Business Model canvas : Key partners - Activities - Resources Assignment 5</b>	<b>Nguyen Phuong Thao Nguyen Lan Huong</b>
FRIDAY, 10/08/2018		
<b>07:30 - 9:30</b>	<b>Topic 8 - Business Model canvas : Cost and revenues</b>	<b>Nguyen Viet Anh</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	



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<b>9:45 - 11:30</b>	<b>Topic 8: Assignment 6</b>	<b>Nguyen Viet Anh Nguyễn Phương Thảo</b>
<b>11:30- 13:30</b>	<b>LUNCH</b>	
<b>13:30 - 17:30</b>	<b>Topic 9: Authentic task: Business Investment proposal</b>	<b>Nguyen Viet Anh Nguyễn Phương Thảo</b>
<b>SATURDAY, 11/08/2018</b>		
<b>07:30 -11:30</b>	<b>Group project presentation</b>	
<b>11:30- 13:30</b>	<b>LUNCH</b>	
<b>TUESDAY, 14/08/2018</b>		
<b>07:30 -11:30</b>	<b>Final Examination</b>	
<b>11:30- 13:30</b>	<b>LUNCH</b>	
<b>14:30 15:30</b>	<b>Student Group</b>	



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**Pilot Training Program on Smart Sustainable Cities in Vietnam**  
**SAUNAC**  
**SUSTAINABILITY ALLIANCE OF URBAN NETWORKS IN ASIAN CITIES**  
**[4<sup>th</sup> Aug –16<sup>th</sup> Nov 2018]**

**Venue: Meeting room B – HoChiMinh City University of Natural Resources and Environment**

**236 B Le Van Sy – Ward 1 – Tan Binh District – HoChiMinh City**

**Module 5 – URBAN SUSTAINABILITY CHALLENGES**

<b>SATUDAY, 04/08/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 1- Module (Course) introduction</b>	<b>Nguyen Thi Ha</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Topic 2 – Urban sustainability</b>	<b>Nguyen Thi Ha</b>
<b>11:30–13:30</b>	<b>LUNCH</b>	
<b>13:30 – 17:30</b>	<b>Topic 3 – Project design and preparation</b>	<b>Duong Van Hieu</b>
<b>SUNDAY, 05/08/2018</b>		
<b>07:30 - 9:30</b>	<b>Topic 4 – Project implementation and management</b>	<b>Nguyen Thi Ha</b>
<b>9:30 - 9:45</b>	<b>Coffee break</b>	
<b>9:45 - 11:30</b>	<b>Group discussion/assignment</b>	<b>Nguyen Thi Ha Duong Van Hieu</b>
<b>11:30–13:30</b>	<b>LUNCH</b>	
<b>13:30–15:15</b>	<b>Presentation: Group discussion/assignment</b>	<b>Nguyen Thi Ha Duong Van Hieu</b>
<b>15:15-15:30</b>	<b>Coffee break</b>	



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<b>FRIDAY, 24/08/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Proposal presentation (individual) online via Skype or interconference</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha</b>
<b>FRIDAY, 31/08/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Presentation: detailed plans for project implementation</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 07/09/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 14/09/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 21/09/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 28/09/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Mid-term review</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 05/10/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>



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<b>FRIDAY, 12/10/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 19/10/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 26/10/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 02/11/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: Progress check and comment</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 09/11/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: FINAL PRESENTATION</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>
<b>FRIDAY, 16/11/2018</b>		
<b>08:30 - 11:30 or 13h30- 17:30</b>	<b>Project implementation: FINAL PRESENTATION</b>	<b>Nguyen Thi Ha Duong Van Hieu Nguyen Thi Van Ha Clients</b>



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