

**Invitation Letter**  
**TRAINING & SEMINAR: ENERGY PLANNING AND SUSTAINABLE DEVELOPMENT**

18-19 October 2018

**To: Sir/ Madam**

The Clean Energy and Sustainable Development (CleanED) Laboratory is an international and interdisciplinary research team contributing to the green growth of the energy sector in Vietnam. We are at USTH —the University of Science and Technology of Ha Noi— on the Vietnam Academy of Science and Technology (VAST) campus in the Cau Giay area of Hanoi

From the beginning of 2018, we have worked on the project named “Capacity Building on Energy and Climate Modelling”, funded by Irish Aid. As an activity under the project framework, we would like to invite you to a short training and seminar on “Energy Planning and Sustainable Development”. The key contents we would want to deliver are:

- Energy Planning and Sustainable Development, both national and local level
- LEAP (Long-range Energy Alternative Planning) model
- Application and necessity of energy planning in achieving NDC targets

**Date and time:** 18 – 19 October 2018 | 18 Oct 8:30 – 16:30  
| 19 Oct 8:30 – 13:30

**Location:** Room 502, USTH (A21) Building, 18 Hoang Quoc Viet, Cau Giay, Hanoi

**Language:** Vietnamese & English

Please confirm your participation no later than **11:00 AM, 17 September 2018**. Should you require any further information regarding this training course, please contact Mr. Phan-Nguyen Tuan Long at email address [tuanlongphannguyen@gmail.com](mailto:tuanlongphannguyen@gmail.com) or phone number +84 91 688 25 96.

Best regard,

**Dr. Nguyen-Trinh Hoang Anh**

Principle Investigator

Lecturer & Researcher – Energy Department

University of Science and Technology of Hanoi (USTH)

### Tentative Agenda

Time	Duration	Content	Speaker
<b>Day 01 (18/10)</b>			
08:30 – 08:45	15'	Opening remarks	Dr. Nguyen Dinh Quang – Director of Energy Department
08:45 – 10:15	1h30'	10 Insights on Energy Transition in Vietnam	Dr. Hà-Dương Minh (VIET)
10:15 – 10:30	15'	Tea Break	
10:30 – 12:00	1h30'	Smart Grid: from concept to how to make the grid intelligent?	Dr. Trần Duy Châu (EDF)
12:00 – 13:30	1h30'	Lunch	
13:30 – 15:00	1h30'	Energy Storage System (ESS) – the need for the power system in Vietnam	Msc. Nguyễn Quang Vinh (EVN)
15:00 – 15:15	15'	Tea Break	
15:15 – 16:30	1h15'	Overview on Energy Planning	Dr. Nguyễn Quốc Khánh
<b>Day 02 (19/10)</b>			
08:30 – 10:00	1h30'	How solar power could support the local development	Dr. Trần Duy Châu (EDF)
10:00 – 10:15	15'	Tea Break	
10:15 – 11:45	1h30'	Introduction to LEAP – Energy modelling tool	Dr. Nguyễn Trịnh Hoàng Anh (CleanED)
11:45 – 12:00	15'	Closing remarks	Dr. Nguyễn Trịnh Hoàng Anh (CleanED)
12:00 – 13:30	1h30'	Lunch	