

## **Global Sustainability Practice: Buildings, Campuses, and Communities (GSP) Immersive Internship**

The rapid evolution of building design and community development practice toward more sustainable and resilient paradigms is a global imperative and a daunting challenge. In response to this challenge, the Pennsylvania State University (Penn State), in association with the **United Nations Economic Commission for Europe (UNECE) Committee on Sustainable Energy**, and in partnership with **Danfoss Corporation**, is seeking students and young professionals to participate in a six week immersive experience in sustainable building energy systems in Philadelphia, Pennsylvania during July-August, 2017.

### **Eligibility Criteria**

- Young professionals or students in advanced years of undergraduate studies or graduate programs (at least 21 years old)
- Academic backgrounds: Architectural, Mechanical, Civil, Chemical, Electrical and Energy Engineering; Architecture; Community Planning; Public Policy; or Sustainability; with demonstrated interest in sustainability
- Applicants should have strong academic backgrounds and be mature, independent and proficient in English

### **The Program Purpose**

The UNECE Principles of Sustainable Buildings and Low Carbon Communities are intended to guide the sustainable worldwide development of buildings, campuses, and cities. The GSP Immersive Internship will provide an opportunity for future leaders and change agents from across the globe to apply the Principles to their home country's unique conditions and collaborate in support of the adoption and evolution of the UNECE Principles.

### **Immersive Experience**

Participants will join a cohort of representatives from around the world and work on a variety of exciting energy and sustainability activities including:

- Research that explores unique challenges facing global communities
- Hands-on experience with high-potential technologies and practices in sustainable buildings, campuses, and communities
- Critical review of existing policies, standards, and communities of practice
- Cutting edge methods for regenerative development of campuses, communities and cities

### **Research Component**

Participants will conduct collaborative and interdisciplinary research in building and energy systems design with an emphasis on the testing and evaluation of the Principles and implementation efforts relevant in their home country.

### **Course Component**

Participants will earn 3 academic credits through participation in a **Sustainable Building Project Leadership** course focused on the evolution of the building industry through Living Systems thinking.

### **Internship Financial Commitment**

**USD \$8,500 includes:**

- Six weeks of resident instruction
- Room and board
- Three credits of graduate tuition and program fees

**Sponsorship and Financial Assistance is available to highly qualified applicants**

### **Duration and Place of Work**

- Six weeks : July 10, 2017 – August 18, 2017
- Location: Philadelphia, Pennsylvania, USA

### **Program Application**

Applications must be submitted using an online application portal at [www.GridSTARcenter.psu.edu/UNECE](http://www.GridSTARcenter.psu.edu/UNECE)

**Applications Requested by: April 30, 2017**

**For program information contact:**

Lisa Shulock (Penn State at The Navy Yard, Philadelphia) [lus233@psu.edu](mailto:lus233@psu.edu)

