

Safe, Clean and Climate-friendly Factories in Bangladesh (EHS⁺ Center/EHS Academy) Project

The Institute for Sustainable Communities (ISC) established the first center of excellence in Bangladesh devoted to training industry professionals on health, safety, environmental, and energy management: the EHS⁺ Center, a Dhakabased public-private partnership between the ISC and North South University. Focused on the Bangladeshi ready-made garment (RMG) industry, ISC and the EHS⁺ Center worked together to:

- Equip factory managers and workers with knowledge and skills that can save lives and protect natural resources and the environment.
- Design training programs to build the capacity of women in industry to improve their working and living conditions.
- Cultivate a vibrant and networked community of practicing professionals in the EHS/ sustainability field.

Impact

- 5,261 industry professionals trained, of which 2,186 were managers and 3,075 were line-workers from 496 unique factories.
- Trained 525 people on clean energy and as a result, 154 institutions (mainly factories) have reported improvements in their capacity to address climate change challenges.
- Of the 2,886 women trained, 75% reported improved efficiency at work; 64% reported feeling safer at work; 72% reported reduced backpain.

After receiving training from the EHS⁺ Center:

- 55% of trainees developed or updated emergency management plans in their factories and 64% conducted training on health and safety for their workers; 61% planned or implemented environmental management initiatives and 78% conducted environmental management training for workers.
- 74% planned or implemented energy & carbon management initiatives and 58% conducted energy & carbon management training for workers.
- 57% of the treatment factories passed government or third-party fire and safety inspections after the training period.

Sample Bangladesh EHS⁺ Center Courses

- Fire Prevention
- Building Structural and Operational Safety
- Cleaner Production
- Emergency Response and Preparedness
- Energy Efficiency and Carbon Reduction
- Environmental Regulatory Compliance
- Wastewater Management



Sustainable Sustainable

Areas of Impact

- Environmental management
- Occupational health and safety
- Industrial supply chain management
- Greenhouse gas reduction
- Energy efficiency

Bangladesh Funding & Resource Partners











Institutional Partners

- Nanjing University School of the Environment (*China*)
- North South University (Bangladesh)
- Symbiosis Institute for International Business (India)

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About ISC

The Institute for Sustainable Communities' mission is to help communities around the world address environmental, economic, and social challenges to build a better future shaped and shared by all. Since our founding in 1991 by former Vermont Governor Madeleine M. Kunin and George Hamilton, ISC has led transformative community-driven projects in 30 countries including the United States, China, India and Bangladesh.

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EHS⁺ NETWORK

The EHS⁺ Network is a global partnership connecting ISC's EHS⁺ Centers in China, Bangladesh and India. Each EHS⁺ Center trains factory managers with the technical skills and management expertise to address EHS priorities. Through the EHS⁺ Network, these trained practitioners interact and collaborate, share and apply ideas on improving the sustainability of supply chains throughout Asia.

