

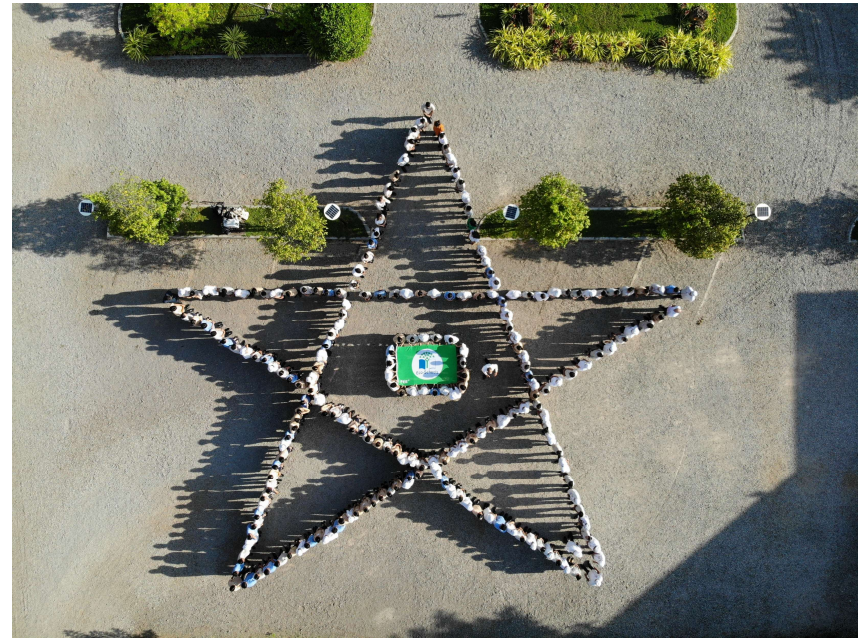


1st INTERNATIONAL CONFERENCE OF FEE ECOCAMPUS
Getting Higher Level Education Climate Ready
26-27th April 2024

From Theory to Practice: Integrating Sustainability into TVET for the Hospitality Industry

Pramod Kumar Sharma

Senior Director of Education
Foundation for Environmental Education



Introduction

The paper presents a case study of École d'Hôtellerie et de Tourisme Paul Dubrule (EHT) in Siem Reap, Cambodia that registered with the programme in 2021, aimed at providing vocational training to equip future industry professionals with skills for green practices and sustainable development.

EHT was evaluated in November 2023 for the Green Flag Award.



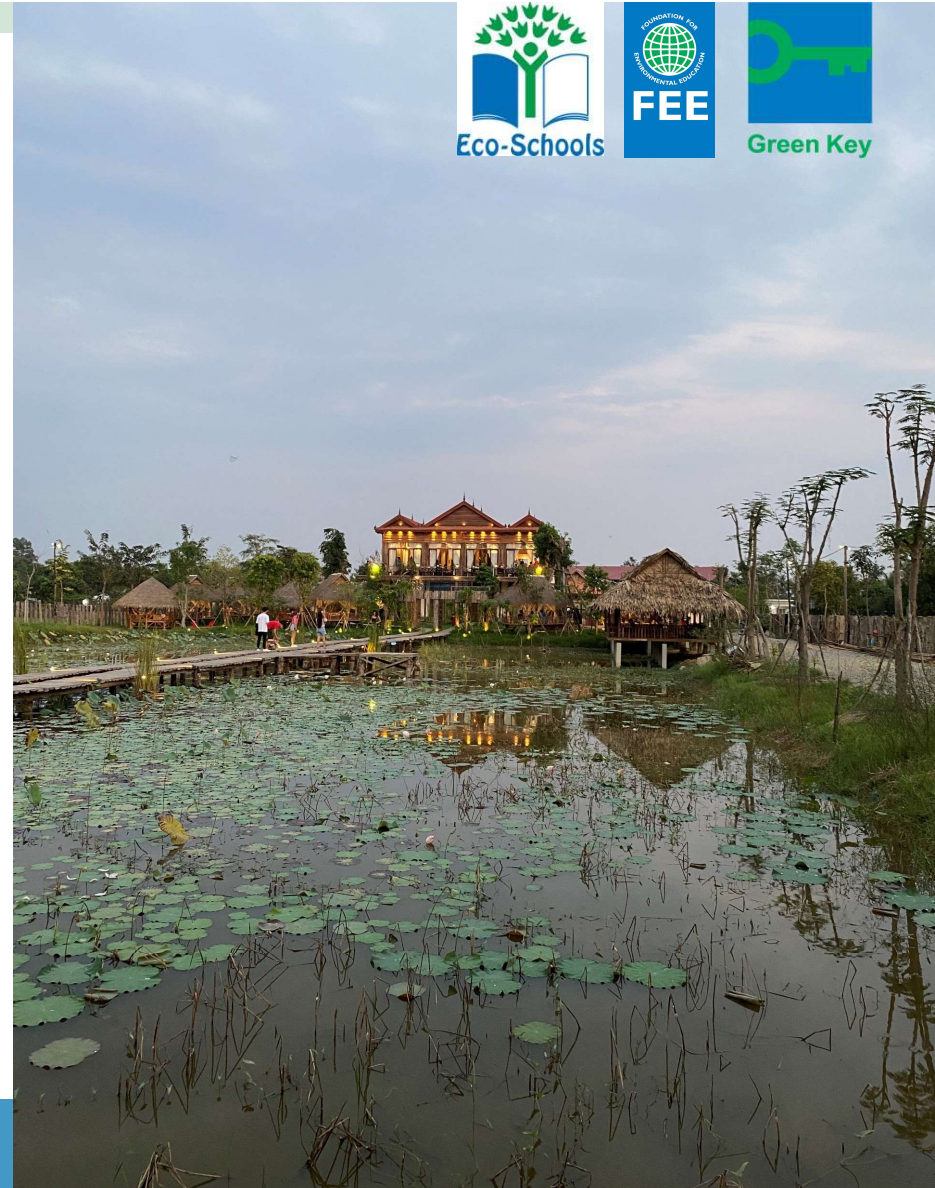
Background

- The demand for sustainable practices within the hospitality and tourism industry has been steadily growing among private sectors, governmental bodies, and individuals.
- Business establishments in the tourism sector must be supported in their transition towards sustainability.
- There is a need to support TVET institutions to cater to the need for trained professionals.
- With support of GIZ, FEE initiated a pilot of the FEE EcoCampus programme in 2021-22 to develop a model to support TVET institutions in the transition.



Overview

- **Partners:** Cooperation agreement with the **Improved Competitiveness of National Enterprises (ICONE)** programme of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- **Components:**
 - **WP1:** Capacity development for vocational training institutions dealing with “Sustainability in the Hospitality and Tourism Sector
 - **WP2:** Capacity Development for the establishment of Eco-Schools
 - **WP3:** Introducing an internationally acknowledged label for sustainably operating hospitality and tourism entities
 - **WP4:** Dissemination of information on sustainability in tourism and hospitality through conferences and workshops in cooperation with tourism stakeholders from other Southeast Asian countries
 - **WP5:** Policy advice on sustainable tourism and hospitality
- **Project Duration:** 12/22 – 05/25



Educational Interventions of the project

Intervention

1. Train teachers of three hospitality schools in Cambodia in the area of "Sustainability in the Hospitality and Tourism Sector".

2. Assist with the revision and potential adaptation of existing teaching materials/courses to create a mandatory module in "Sustainability in the Hospitality and Tourism Sector"

3. Develop a general course, "Sustainability in the Hospitality and Tourism Sector" for teachers that can be adapted and used by other hospitality schools worldwide.

Impact

Change in the school cultures by cultivating a sustainable mindset and instilling a sense of responsibility

Holistic approach to ESD in the academic and business environment

Increased awareness and knowledge about sustainability among various stakeholders in the tourism and hospitality sector

Long term structural change by integration of special courses on sustainability and climate action in school curricula

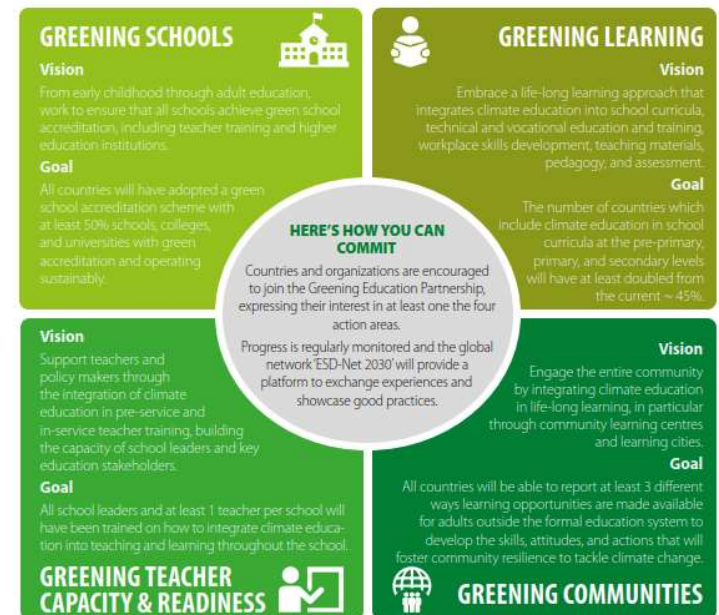
Intervention

- The FEE EcoCampus programme engages students in environmental management and sustainability practices within their institutions through enriching the curriculum.
- The pilot focused on testing a methodology aimed at providing vocational training to equip future tourism industry professionals with skills for green practices and sustainable development.
 - Faculty development on Sustainability in Tourism.
 - Mentoring in implementing the FEE EcoCampus programme



GREENING EDUCATION PARTNERSHIP (GEP)

- An initiative developed by at UN Transformative Education Summit and managed by UNESCO
- FEE is co-leading the Greening Schools working group.
- By 2030, 50% of all schools, colleges, and universities need to be certified with a green accreditation scheme.
- At least one teacher per school to be trained in Climate Change Education.

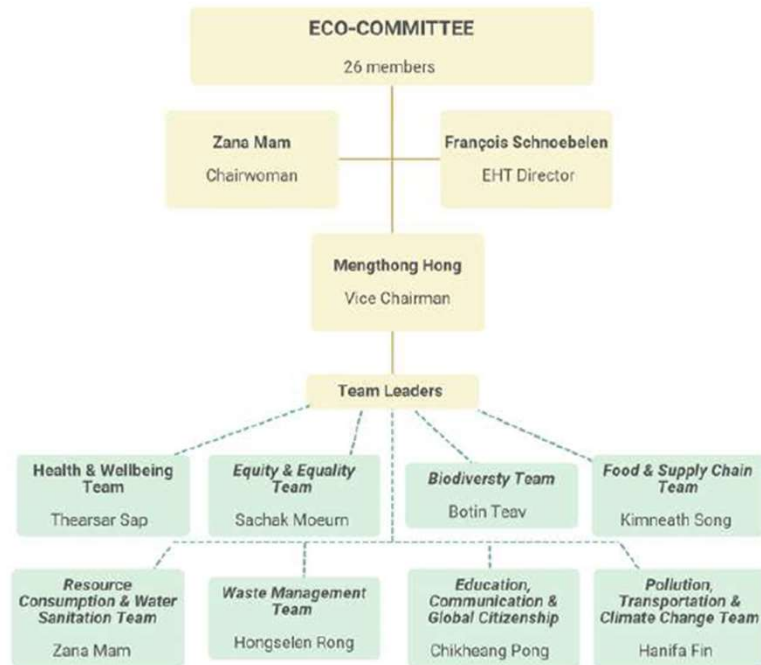


Seven Steps – Managing Change

- **EcoCampus Committee for leadership:** The representative of the school community directs and facilitates the sustainability of the whole institutions and develop future sustainability leaders.
- **Sustainability review to identify issues:** Understanding the biophysical environment, auditing its level of sustainability and identifying the need for improvements.
- **Curriculum linkages to align with curriculum standards:** Sustainability embedded in curriculum standards, subjects and non-formal learning spaces and contexts.
- **Action plan to address sustainability issue through ESD:** Prioritizing plausible actions, setting specific and achievable targets with
- **Implementation monitoring & evaluation:** Implement the change, check progress towards set targets and make amends where and when necessary.
 - completion dates and responsibilities.
- **Inform and involve via Eco Code of Values:** The Eco Code is a statement of values and demonstrates the internationalization of a sustainability culture in the whole institutions.



Learner Led Change



EcoCampus Project – Green flag for TVET institutions

Innovation and Learning Practice
Bridging Innovation and Learning in TVET (BILL) Project

Submitted by **Ecole d'Hôtellerie et de Tourisme Paul Dubrule Cambodia**

There is a growing demand from the private sector, government and individuals for the adoption and implementation of sustainable practices and policies within the hospitality and tourism industry. Incorporating eco-friendly elements for sustainable development is, therefore, of paramount importance when preparing future employees for the sector.

To address the demand, *Ecole d'Hôtellerie et de Tourisme Paul Dubrule (EHT)* established an EcoCampus, providing practical TVET training to equip future generations with skills to green the hospitality and tourism industry.

Start date: December 2021
Type of implementing institution: Not for profit/NGO
Funding programme: Regional Economic Development IV Programme by GIZ, Smart & Green TVET by ILQ, Regenerate Initiative by ASSET-HBC.
Supported and developed by: The Foundation for Environmental Education
Target group: Cambodian youth, employers in hospitality and tourism and local community



Evidence-based Reflections and Action

EHT Quarterly Report Eco-Campus



សាលាសណ្ឋាគារ និងទេសចរណ៍ ប៉ុល ឌុប្រូល
Ecole d'Hôtellerie et de Tourisme Paul Dubrule
Passport to Excellence

Electricity consumption



Vegetable farming



EHT Quarterly Report Eco-Campus



សាលាសណ្ឋាគារ និងទេសចរណ៍ ប៉ុល ឌុប្រូល
École d'Hôtellerie et de Tourisme Paul Dubrule
Passport to Excellence

Food Compost Management



Rice Waste Management



Inorganic Waste Management



What positive social outcomes has the EcoCampus achieved since inception?

Employment: Providing green skills to students has increased their employability, expanded employment opportunities, and facilitated career evolution.

By disseminating knowledge, providing training and assisting in implementing EcoCampus initiatives, the programme has fostered enhanced relationships with industry partners in the wider community.

Social development: The programme also works within local communities, raising awareness of environmental issues and offering support for sustainable management through open events and workshops.

Environmental protection: Both inside and outside of the campus, the programme promotes respect and protection of biodiversity and has positively impacted resource usage and reduction of single-use plastic.



Key Observations

- Leadership is important – Value Alignment and transparency is critical.
- Student participation is the missing link in most cases– actions changing from top down to bottom up. This requires appointing and training staff members to provide student support and guidance.
- Involvement means engagement that also involves in-depth deliberations – a key curricular part and often missed.
- Green learning leads to improving environmental performance. EHT addressed key challenges faced by TVET students, staff, hospitality establishments, and suppliers by providing practical training, promoting awareness, and implementing green policies.
- Collaborate early with key stakeholders involved in curriculum development to streamline procedures and guarantee a successful curriculum integration with EcoCampus components.
- Engaging in activities with the local community is fundamental for success; building trust and raising awareness through interacting with multiple stakeholders can facilitate this crucial connection.
- Educational audit is also important along with audit – often missed due to tools lacking for literacy assessment.
- In a vocational school, it is easy to figure out what and how to learn but need to have more focus on giving a better understanding of why we need to take environmental action on a particular theme.
- Training on communication is also important for behavioural change.



Thank You!

