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Visual Story + Written Research:

Similar to many other developing countries, Cambodia's rapid economic growth makes it challenging to fully incorporate the United Nation's Sustainable Development Goals into all of the aspects of development.

Problems that pose a challenge to the urban ecology of Phnom Penh according to Cambodia Green Building Council include the disruption of natural resources in the process of urbanization, the increasing waste and the lack of access to affordable clean energy.

To respond to these challenges, the Green Building Council has worked to support the government to increase the urban sustainability through projects of establishing more green buildings in the nation starting with the compact capital city of Phnom Penh.

To further the public understanding, the Council also work to increase knowledge on the field of sustainable environment. In addition, the Green Building Council strives to be the main contributor of sustainable building resources for organizations and companies as well as to be the main networking facilitator between national and international stakeholders.

The Green Building Council outline many comprehensive solutions, one of them being "the circular economy" model that will help Cambodia and other developing nations to acquire sustainable economic development and growth.



01

cooler,
greener,
cleaner cities

Urban Ecology

02



Cambodia

is a developing country. Our green building solutions is on the rise and we need to support more of those projects.



Green Building Council (GBC)

is a council that works to support and
establish green buildings in Cambodia.

Problem

Cambodia faces developmental challenges as we struggle to integrate all of the SDGs into our rapidly growing economy.

Challenges outlined by GBC

1. degradation of natural resources,
2. growing volume of waste,
3. access to affordable and clean energy.

Solutions

Expansion of protected areas

expanding protected areas to cover 40% of total land. The key is **empowering the people** who live in the area to be the protectors of their natural resources.

The Circular Economy

this is the practice of sustainably developing in a way that **disrupts the usual consumer's chain** so to reduce the impacts to the environment

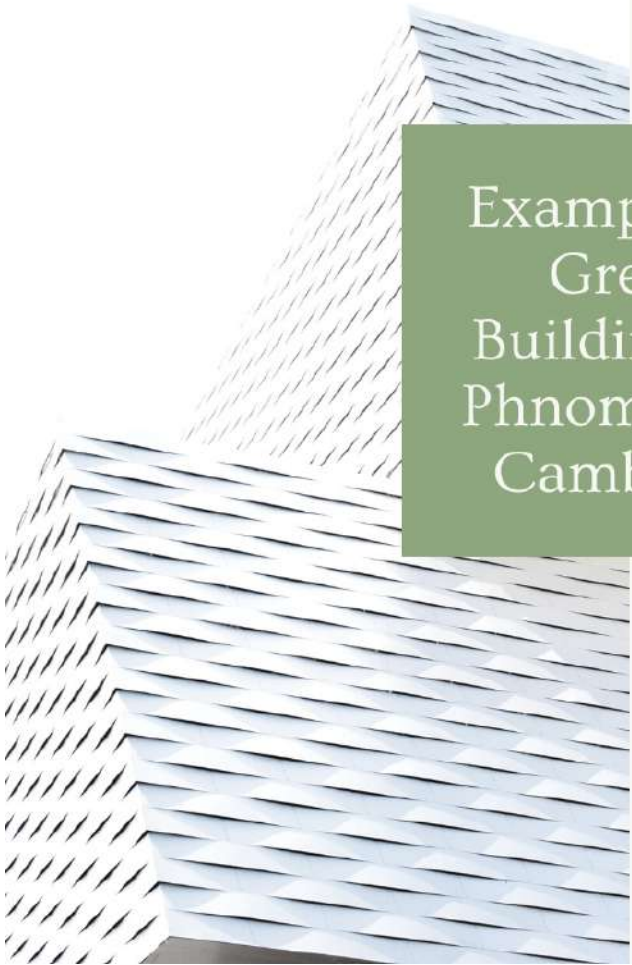
how can you achieve the circular economy

strategically move away from fossil-fuel based energy to **sustainable or electrical energy** to power vehicles or buildings.

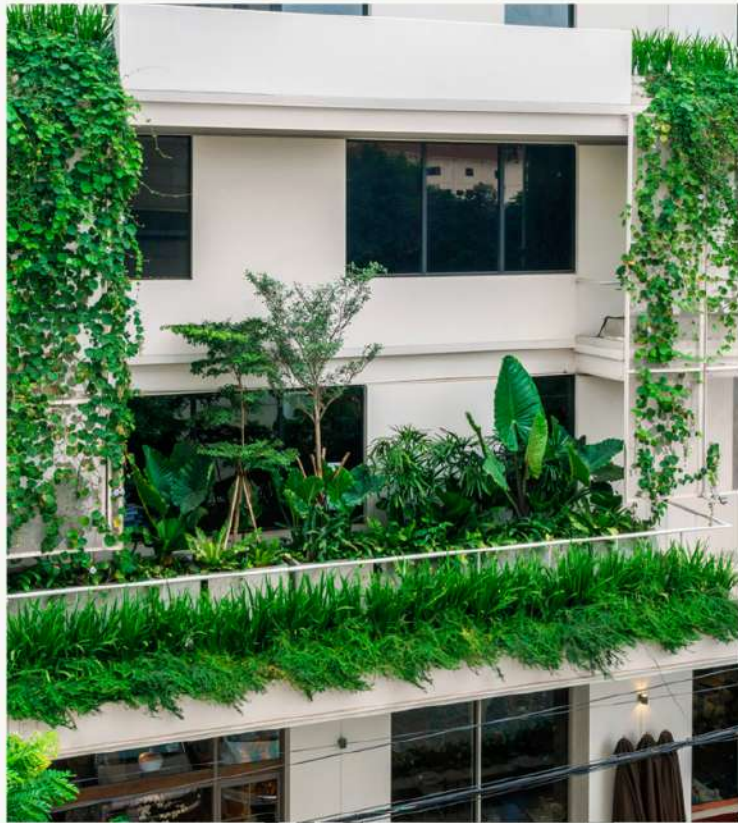
protect or enrich natural resources in the development process

circular economy for developing nations

for many developing countries who face more restraints on their path to urban sustainability, the circular economy might be the answer



Examples of
Green
Buildings in
Phnom Penh
Cambodia



Raintree

is a sustainable and green office building that I have seen. It incorporates many plants into the building and this greatly improves worker's morale and connection to nature.

Meet the architectural designer of Raintree

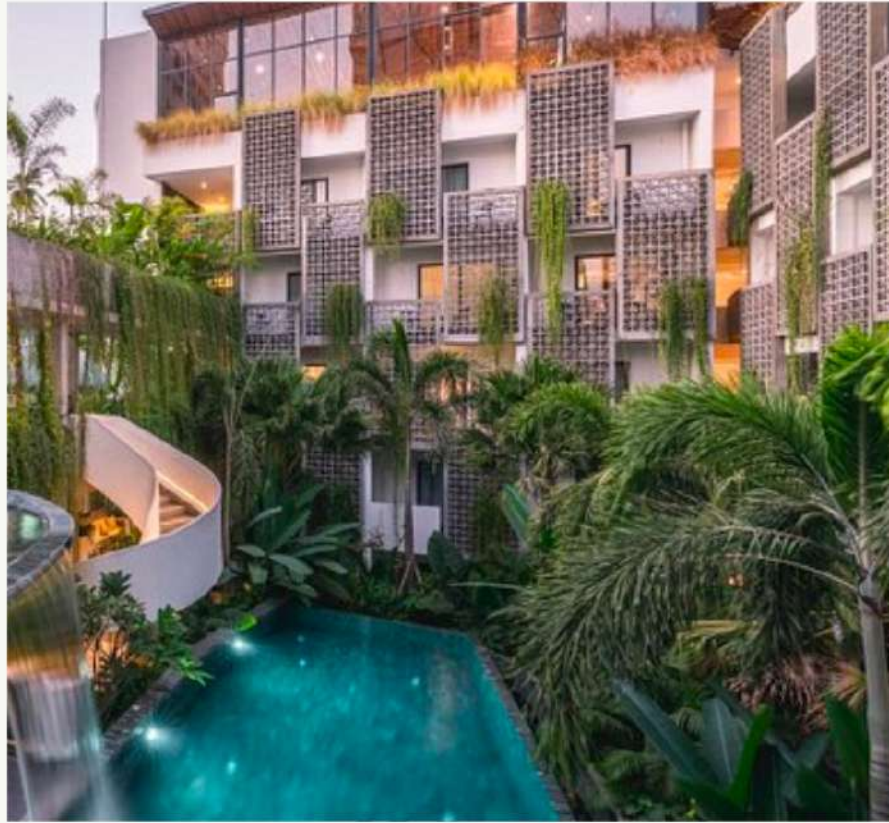


With the vision to advance **green and sustainable designs** in Cambodia, Mr. Hok led the architectural design of the green office building Raintree. He likes to tour around provinces in Cambodia to find trees and rocks to feature in his landscape design and this is a great inspiration to other architectures in Cambodia to focus more on creating green and sustainable cities when adopting an architectural project as it has many benefits to the residence.



Tronum

the design principle behind this space is to create a "true urban jungle lifestyle." that allows residence to be truly connected with nature



Baitong Hotel

is a green hotel resort with a lot of gardens and outdoor plants

Instagram Social Media Post:



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#sustainablecity @turninggreenorg

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