

WORKSHOP ON A SYSTEMATIC AND QUANTITATIVE DESIGN OF LOW CARBON DEVELOPMENT PLAN IN CAMBODIA

A DESIGNING OF LOW CARBON DEVELOPMENT PLAN IN CAMBODIA

22ND APRIL 2013

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Outline

I. Objective

II. Proposed policies and strategies for LCS

III. Next step

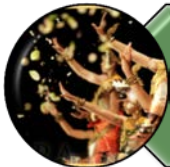
I. Objective of Study



To formulate and propose a concrete low carbon development strategy in Cambodia towards 2050



To ensure green environment



To ensure the harmonization of green economy, society and culture



To integrate the blue economy



To promote a livable and pristine eco-village

II. Proposed 4 policies and 12 strategies for low carbon development in Cambodia

Policy 1: Green Environment

Sustainable forest management Strategy

- ✓ **effective** forest concession management through implementing effective law enforcement for illegal logging
- ✓ **promote and implement** REDD+
- ✓ **increase** carbon sequestration via forest restoration and replantation
- ✓ **forest ecosystem** conservation and management



Sustainable waste management Strategy

- ✓ **develop environmentally sound technology landfill sites** through developing e-waste management strategy/plan, waste collection and segregation,
- ✓ **minimization of wastes and by-products and maximum use of renewable resources via implementing 3Rs principle** and promote waste-to-energy technology
- ✓ **environmentally sound waste management through** allocating waste disposal or storage and properly control the importation of second hand goods
- ✓ **promotion of local level self-governance and leadership** to improve de-centralized coordination for waste management and segregation



Green agriculture management strategy

- ✓ **promotion** of climate smart agriculture
- ✓ **promotion** of the use of organic fertilizer
- ✓ **introduce and implement** system rice intensification (SRI)
- ✓ **introduce and implement** integrated farming system (IFS) is a more integrated approach (livestock and crop production) to farming
- ✓ **sustainable** land use and land management for agriculture purpose



Policy 2: Harmonization of Green Economy, Society, and Culture

Green transport management strategy

- ✓ ***promote*** public transport in major cities
- ✓ ***mitigation*** and low carbon development for transportation (green belt)
- ✓ ***efficient and proven*** transport technology with the introduction of low pollution vehicles
- ✓ ***freight modal shift*** for long-distance shipment
- ✓ ***improve*** public transport service in the rural areas



Green energy management strategy

- ✓ **encourage** the use of renewable energy via constructing hydro-powers plants for electricity generation to increase power generation, transmission, and distribution
- ✓ **encourage** the use of smart appliance and home automation system
- ✓ **encourage** institutions and households to save energy



Green tourism management strategy

- ✓ ***promotion and implementation*** of clean city, clean resort and good services
- ✓ ***promotion of tourist attraction***
-Cambodia-Kingdom of Wonder-
- ✓ ***promotion*** of group tour with comfortable transport ***means/services***
- ✓ ***promotion*** of green flag competition and green award
- ✓ ***encourage*** tourists to recycle waste and to reduce emission



Green good governance and green human resource development strategy

- ✓ **integrating** green concept for primary education to higher one as well as vocational and training
- ✓ **introducing and improving** the green institutional management and arrangement
- ✓ **implementing** green management initiatives and intellectual capital and green job
- ✓ **introducing and encouraging** green concept into local communities
- ✓ **increasing** human resource development throughout the country considering youth and gender participation



Green technology and investment strategy

- ✓ **Promotion of** green industries and industrial ecological principles
- ✓ **implementing** green technology transfer such as cleaner production, sustainable product innovation, renewable energy development and generation
- ✓ **encouraging and incentivizing** the investment in effective environmental protection and natural resource management
- ✓ **promotion** of green business competition and green credit



Green financial mobilization strategy

- ✓ **green financial incentives** including green tax and subsidy
- ✓ **adoption of green budget** reform
- ✓ **implementing Payment for Environmental Services** to promote the internalization of environmental costs
- ✓ **conducting** fund mobilization from development partners for green implementation and development
- ✓ **development** of a sound market-based financial system to support resource mobilization, effective financial resource allocation



Policy 3: Blue Economy

Green merchant marine and sustainable coastal zone management strategy

- ✓ ***Introduction of emission standard in maritime transport*** through conducting inspection and maintenance system regulation
- ✓ ***promoting integrated coastal zone management***
- ✓ ***developing and enforcing the ballast water management*** to manage and control marine invasive species management



Policy 4: Eco-Village

Low carbon infrastructure development strategy

- ✓ **implementation** of decentralized management system for a sustainable urban environment and better mobility
- ✓ **construction and rehabilitation** of rural roads to facilitate local transportation, and making transit point
- ✓ **designing** walkable city through providing comfortable and safe pavement
- ✓ **designing** a standard road facility to differentiate between vehicle, motorist, and cyclist



Green building design and construction strategy

- ✓ ***promotion and implementation*** of green building designs and constructions through encouraging the use of energy efficient materials
- ✓ ***increasing*** the use of wood for climate smart buildings and encouraging tree planting
- ✓ ***encouraging*** embedding renewable energy and energy saving appliance in the building design



III. Next Step

- Collaboration and cooperation
- Participation
- Supporting
- Concrete actions



**Comment
and
Questions ???**