

MYANMAR SPECIAL SESSION:

Challenges & Opportunities for Green Growth

Presentation by
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Green Economy Green Growth
GEGG Myanmar (not for profit) Association

At
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MYANMAR Commitment & Generational Opportunity to safeguard the environment and natural resources for the benefit of current and future generations, in tandem with economic development at highest levels of Government, e.g.

❖ **President U Thein Sein's inaugural address to the Parliament on 30 March 2010,**

❖ **President U Thein Sein's interview in the 18 July 2012 Financial Times stated that there are three basic principles on investments in Myanmar's natural resources. One of the three is "we don't want to have foreign or any investment in this country that will be damaging to the natural environment."**

❖ **Vice President Dr.Sai Muak Kham Statement at the Rio+20 Conference stating green economy green growth is the new development policy,**

❖ ***Union Minister U Win Tun's Earth Day Keynote Address at the WWF-US Washington DC HQ on 21 April 2013,**

❖ **President's U Thein Sein's discourse with an invited group of high level participants at Lunch on the Potomac river Washington DC on 19 May 2013,**

TWO RECENT REPORTS CONTAIN SOCIAL AND ECONOMIC DATA ON MYANMAR

- ADB *Myanmar in Transition: Opportunities and Challenges* August 2012
- McKINSEY GLOBAL INITIATIVES *Myanmar's moment: Unique opportunities, major challenges.* June 2013

“Myanmar is a highly unusual but promising prospect for businesses and investors—an underdeveloped economy with many advantages, in the heart of the world’s fastest-growing region. Home to 60 million inhabitants (46 million of working age), this Asian nation has abundant natural resources and is close to a market of half a billion people. And the country’s early stage of economic development gives it a “greenfield” advantage: an opportunity to build a “fit for purpose” economy to suit the modern world.”

“Managed well, Myanmar could conceivably quadruple the size of its economy, from \$45 billion in 2010 to more than \$200 billion in 2030—creating upward of ten million nonagricultural jobs in the process.”

Myanmar's moment: Unique opportunities, major challenges, McKinsey Global Institute, June 2013

CHALLENGES & OPPORTUNITIES

Potential to grow by 8 percent a year by accelerating rate of annual labor-productivity growth, to 7 percent, from 2.7 percent—a difficult but not unprecedented feat; per capita income to US\$2,000 to 3,000 by 2030

Recommendations by ADB, McKinsey etc, include

- ✓ Harnessing digital technology
- ✓ Connecting to the world through investment, trade, and flows of people
- ✓ Supporting a structural shift toward manufacturing, while improving agriculture
- ✓ Preparing for urbanization The vast majority of Myanmar's citizens live in rural areas, but this is likely to change rapidly. The share of the population in large cities could double, from just 13 percent today to around 25 percent in 2030—an additional ten million people, or two cities the size of Yangon.
- ✓ Developing Human capital

MORE CHALLENGES & OPPORTUNITIES

- ✓ Change development paradigm towards green economy green growth, that is sustainable, resilient, smart, inclusive and equitable , SRSIE
- ✓ Add value to Natural resource manufacturing and export
- ✓ Agriculture and Agro-Industry
- ✓ Increase Energy and Resource Efficiencies and Conservation
- ✓ Increase Renewable Energy: Solar, bio, wind, geothermal, tidal, mini-hydro
- ✓ FUSION Integrating traditional wisdom & practices with state of art science and technology

HOW ?

NOW!

Green Economy Green Growth, GEGG Myanmar Association (Not-for-Profit)

- Approved by Cabinet on 5 Oct 2012; Registered with Ministry of National Planning & Economic Development
- Mission: *“A professional not-for-profit catalytic and enabling group that will encourage and support sustainable, resilient, inclusive and equitable green economy green growth. The group will foster national and international partnerships and mobilize knowledge and resources to support the programmes and projects of the Union of the Republic of Myanmar”*
- Banking; finances and management procedures follow established Rules and Regulations and are audited.

❖ Organize Annual GEGG Forum

❖ Establish Centers of Excellence for Greening CoE-G

CENTERS OF EXCELLENCE for Greening CoE-G

“Seeing is Believing”

- ❖ One in each Region of Myanmar (15)
- ❖ **DEMONSTRATE, BUILD CAPACITIES, INCREASE AWARENESS**
- ✓ Saves energy.
- ✓ Uses renewable energy.
- ✓ Utilize water and resources more efficiently.
- ✓ Less polluting.
- ✓ Improves human health and well being,
- ✓ More resilient, in particular to extreme weather events.
- ✓ Creates new job opportunities.
- ✓ Enhances economic, ecological and social sustainability and resilience.
- ✓ Enables an enterprise to be more competitive.
- ✓ Provides a platform to leapfrog.
- ✓ Can be replicated and multiplied

Centers will be designed to incorporate, e.g.

- ✓ Myanmar architectural features
- ✓ Locally available materials that are also environmentally sound,
- ✓ Use local skills,
- ✓ State of the art energy and resource efficient roofs, doors, windows , walls, etc , that are removable and upgraded with new state of the art components, as and when these become available , to enable systematic testing, application and demonstration,
- ✓ Maximize use of renewable energy
- ✓ Maximize conservation and efficiencies in particular energy and water,
- ✓ Incorporate smart / intelligent features
- ✓ Recycling and reuse waste streams toward zero discharge,
- ✓ Become a living laboratory for testing, application, demonstration, education and training,
- ✓ Aim to meet internationally recognized Green building standards or national Green building protocols, e.g. US Green building Council LEED Certification.

FIRST CoE – G will be located in Yangon at the premises of the Ministry of Science & Technology, Department of Scientific & Technological Research, with the cooperation and support of :

- **Ministry of Science & Technology,**
- **Ministry of Environmental Conservation & Forestry,**
- **Ministry of National Planning & economic Development,**
- **Ministry of Culture .**
- **Association of Myanmar Architects**
- **Myanmar Engineering Association**
- **Universities**
- **Myanmar Private Sector**

And

CONSORTIUM OF INTERNATIONAL PARTNERS

GEGG Myanmar Association collaborated with and outstandingly supported by WWF-US and the Smithsonian, organized:

❖ **On 21 April 2013 a Special Earth Day Symposium at the WWF-US Washington DC Office in honor of H.E U Win Tun Union Minister for Environmental Conservation and Forestry who gave the Keynote Address.**

❖ **On 19 May 2013 two events for the President of the Republic of the Union of Myanmar participated by five senior Ministers (Defense, Home, Foreign, Energy, and the Senior Minister, President Office) , five Deputy Ministers, two Ambassadors, and high-level US officials**

➤ **Lunch on the Potomac River from Mount Vernon to Washington DC**

➤ **Special V VIP visit to the Smithsonian National Museum of Natural History**

GEGG 2 Forum in 2012 SOME METRICS

- ✓ Diverse, Inclusive, Intensive.
- ✓ 2 Plenary; 10 Parallel; 6 Capacity building; 1 high-level Dialogue; 1 Town Hall Sessions
- ✓ Registered participants: 500 [143 women, 77 from thirteen Regions and Divisions, 80+ CBOs]
- ✓ 7 Union Ministers; Deputy Union ministers; 11 Regional Ministers
- ✓ Opening Address: HE Vice President of Myanmar Dr.Sai Muak Kham
- ✓ Welcome Speech H.E U Win Tun, Minister of Environmental Conservation and Forestry.
- ✓ 76 International speakers, [Keynotes Sir John Beddington FRS , Chief Science Advisor HM Government; Dr. Bindu Lohani ADB VP Knowledge Mgmt. and Sustainable Development; Prof. Simon Tay, Chair Singapore Institute of International Affairs & Former Chair National Environment Agency Singapore.]
- ✓ 27 National Speakers
- ✓ 55 Journalists
- ✓ 11 Myanmar newspapers [one had full front page] and extensive national TV.
- ✓ Many speakers and GEGG Association Members interviewed.
- ✓ CD-Rom of Sessions and Workshops presentations given to participants

THIRD GREEN ECONOMY GREEN GROWTH, GEGG FORUM THE NEXUS OF ENERGY – WATER – FOOD SECURITY & SAFETY For Greening and Cooperation Moving Forward and Faster

**Segment ONE 20 November 2013 Nay Pyi Taw
High-Level Roundtables Policy Dialogue Sessions Chaired by
Ministers.**

**Segments TWO and THREE 21 & 22 November 2013 Yangon
Implementing Technical and Management Plenary and Parallel
Sessions**

**IN COLLABORATION WITH & SUPPORTED BY:
Ministry of Environmental Conservation & Forestry,
Ministry of National Planning and Economic development,
Ministry of Energy,
Ministry of Science and Technology,
Ministry of Culture.**

**IGES PARTICIPATED EXTENSIVELY
AND CONTRIBUTED SIGNIFICANTLY
TO THE
FIRST AND SECOND GEGG FORUM**

AND WILL ALSO TO THE

THIRD IN NOVEMBER 2013