



## FINAL AGENDA 25 Feb 2020

### GREEN INVESTMENTS AND DEVELOPMENT – NOW

**Holistic, Integrated Sustainable, Resilient, Inclusive, Equitable, Smart Growth  
To Spur Innovations and Inventions**

4 & 5 February 2020 Nay Pyi Taw, MICC 2,

6 February 2020 Yangon at UMFCCI, Co-organized with UMFCCI

ANNOTATED PROVISIONAL FRAMEWORK 12 July 2019, UPDATED 25 FEB 2020

The Annotated Provisional Agenda uploaded in [www.geggmyanmar.org](http://www.geggmyanmar.org)  
provides annotations on the issues discussed.

#### THE VISION: URGENT BOLD GREEN GROWTH TOWARDS TRANSFORMATIONAL GREEN PARADIGM.

The GEGG Sixth Forum continues to support the objective of the Green Economy Green Growth, GEGG Myanmar (not for profit) and non-political Association “*To expeditiously promote green economy green growth in Myanmar and foster national and international cooperation*” [www.geggmyanmar.org](http://www.geggmyanmar.org)

The Sixth Forum celebrated the Tenth Anniversary of the inception of GEGG and the Fifth Anniversary of the Endorsement of AIGE ASEAN Institute for Green Economy, by ASEAN Heads of State/ Governments at the 25<sup>th</sup>. ASEAN Summit in November 2014, Nay Pyi Taw. AIGE, an ASEAN Charter Entity is located at and supported by GEGG, as mandated in the ASEAN ToR.

The Sixth GEGG Form importantly celebrates the Centennial Year of the founding of UMFCCI, Union of Myanmar federation of Chambers of Commerce and Industry, it has become the apex private sector not for profit organization in the country. To underscore the close collaboration with GEGG, the Yangon Segment was organized at the UMFCCI HQ in Yangon and with the UMFCCI President, six senior Leadership spoke at the Sixth Forum.

During the past decade and accelerating recently, there is unprecedented convergence of major inter-connected global changes, many are increasingly known and are irreversible.

An increasing number of scientific reports and expanding global empirical evidence point to major systems and systemic changes, with dire consequences for the inextricably linked social, human health and wellbeing, economic, financial, and ecological sustainability, with overarching impacts on human, national and global security, in particular with food security and safety. The Reports include the October 2018 IPCC Special Report on Global Warming of 1.5C above pre-industrial levels; June 2019 U.S. Global Change Research Program Climate Science Special Report (CSSR); Jan 2019 Worldwide Threat Assessment. US Senate Select Committee on Intelligence. With improved knowledge and awareness, there is intensifying and growing global public actions, in particular by students, stressing the existential risks and threats and the urgent need for actions. There is growing international consensus on the imperative need now for expeditious actions and transitions toward a Green Paradigm. Business as usual, procrastinations and silo approaches are woefully inadequate to meet the scope, scale and speed of the mega transformations and threats. And importantly, do not adequately identify multiple benefits of expanding green opportunities, and opening of new windows and doors.

The Sixth GEGG Forum emphasize the imperative urgency and need for bold, visionary, holistic, policies, strategies and solutions that are integrated and aligned. The integration requires not only of disciplines, but also of sectors and stakeholders, with alignment of institutions. Furthermore, development needs to be considered in conjunction with investments. The GEGG 6 theme is *Green Investments and Development---Now*. The two –day Nay Pyi Taw segment address Policy and Strategy and is aligned with the one-day Yangon segment at UMFCCI, that will focus on moving forward Policy and Strategy from WHAT to HOW solutions and actions.

The Agenda consisted of elements clustered into transformative building blocks that are driving green transitions. These building blocks include Increasing Natural Resource Use Efficiency; Next Generation Energy leading towards “ Decarbonization”; Preparing and Unleashing 5G; Promoting Smart Materials; Innovative Financing and Economic Instruments; Transformation and translational Vocational Capacity Building. The Yangon segment discuss initiatives to implement the building blocks. Two mutually supportive mechanisms were proposed to accelerate and support transition to a transforming Green Paradigm: an Enabling Collaborative Platform to motivate, promote, support and fast-track innovation, inventions and competitiveness to provide Strategic Policies and Advice, and the Myanmar Green Resource Institute, with five aligned Centers of Excellence, to drive and revolutionize innovative use and stewardship of Resources. The concept of ‘agrohortiforestry’ , integrating agriculture, horticulture and forestry, and demonstrating the multiple benefits. The two mechanisms will support the implementation of the Myanmar Sustainable Development Plan (2018-2030)

The Sixth GEGG Forum provided al Framework of Vision; Holistic and Integrated Concept, Policy and Strategy Determinants; Building blocks for Actions; and two supporting Platforms to pilot test and demonstrate the efficacy of the holistic and Framework for fast transition towards a new Green Paradigm.

And provide the impetus for new and increased investment and development opportunities

**GEGG Forums do not have any Entrance or Conference fees and are free by invitation.**

**Please contact <info@GEGGmyanmar.org>**

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## **NAY PYI TAW SEGMENT AT MICC 2** *Transformational Policies and Strategies* *Accelerating Green Transition*

### **4 FEBRUARY 2020 DAY 1**

**7 to 7.45 Registrations at MICC 2**

#### **SESSION 1**

**8.00 to 9.00 OPENING**

- ❖ **Opening Address**  
H.E U Ohn Win, Union Minister for Natural Resources & Environmental Conservation
- ❖ **Welcome Remarks**
- ❖ **H.E Dr. U Aung Thu, Union Minister for Agriculture, Livestock and Irrigation**
- ❖ **U Thein Tun, Chairman, GEGG (not for profit) Association**
- ✓ **Dr. Myo Thet, Vice- President, UMFCCI**
- ❖ **Launch of National Waste Management Strategy and Master Plan**  
Brief Presentation

**9.00 to 9.30 Photo Session**

## 9.30 to 10.00 COFFEE BREAK

### PRE SESSIONS BRIEF UPDATES BY GEGG (NOT FOR PROFIT) ASSOCIATION

#### SESSION 2

#### **10.00 to 12.00 EMINENT PERSONS ROUNDTABLE DIALOGUE ACCELERATING TRANSFORMATIVE GREEN PARADIGM --- Challenges and Opportunities**

- Chair & Keynote H.E Dr. Set Aung, *Deputy Minister, Ministry of Planning and Finance*
- U Hla Maung Thein, DG Environmental Conservation Dept. MONREC(TBC)
- Mr. Huub Buise, Deputy Ambassador the Netherlands Embassy in Myanmar
- Mr. Gordon Johnson, UNDP Resident Representative .a.i
- Daw Chaw Khin Khin, Group CEO MCC Myanmar Computer Co. Ltd. Group
- U Ye Min Aung, Vice-President UMFCCI
- Dr. Teri Allendorf, Assistant Scientist, Department of Forest and Wildlife Ecology. University of Wisconsin, Madison, Wisconsin. & Research Associate, Smithsonian Conservation Biology Institute.

**12.00 to 13.30 LUNCH Hosted** by U Thein Tun, Chairman GEGG (not for profit) Association  
Special Lunch Keynote H.E Prof. Dr. Myo Thein Gyi Union Minister for Education

#### SESSION 3

#### **13.30 to 15.00 NEXT GENERATION NEW, CLEAN RENEWABLE ENERGY TOWARDS DECARBONIZATION.**

- Chair & Speaker Mr. Natee Sithiprasasana , Vice Chairman, Renewable Energy Industry Club, Federation of Thai Industries, "Green Investments And Development – Now"
- (By skype) Keynote Speaker Prof Dr. Devinder Mahajan, Professor and Graduate Program Director Chemical & Molecular Engineering , Stony Brook University, State University of New York; Director, Institute of Gas Innovation and Technology (I-GIT) Advanced Energy Research and Technology Center (AERTC), "Low to Zero Carbon Projects for Countries Whose Economies are in Transition"
- Dr.Dang Thi Thu Hoai, *Director of Department on Sectoral Policy Studies, Central Institute for Economic Management (CIEM)- Vietnam*, "Promoting renewable energy for low carbon development in Vietnam: Issues and challenges"
- Col (Retd) Thoung Win, "Renewable Energy and EE and C opportunities in Myanmar"
- U Tint Lwin, Director, Ministry of Energy and Electricity

#### SESSION 4

#### **15.00 to 16.30 PROMOTING INTEGRATED NATURAL MATERIALS, RESOURCES, COMPOSITES**

- Chair & Speaker Dr.Peter King, Senior Policy Advisor, Institute for Global Environmental Studies, IGES, Hayama, Japan "What would nature do? Natural Resource Efficiency.
- Flip van Koesveld, Wageningen University & Research Plant Sciences, Field Crops "System Thinking as the basis for successful soil-based horticultural sector innovation"

- Dr. Laura Vickers, Senior Lecturer in Plant Biology, Crops and Environmental Sciences Harper Adams University, Newport, Shropshire, UK "Integrating processes and natural resources, case studies of exemplar circular economy approaches"
- U Soe Win Zaw, Co-Founder & Operations Director Pounamu Bamboo Design & Construction Co. "The Bamboo Circular Economy"
- Emeritus Professor George Rothschild, Natural Resources Institute (NRI), University of Greenwich - Medway Campus, Chatham Maritime, Kent UK "Crop Production, Crop Protection and Human Health - Implications for a Green Economy and Green Growth in Myanmar"

## **SESSION 5**

### **16.30 to 18.00 GREEN INFRASTRUCTURES ACCELERATING SUSTAINABLE & RESILIENT DEVELOPMENT**

- Chair & Keynote H.E Dr. U Kyaw Linn, Deputy Minister, Ministry of Construction
- U Shwe Thein, Executive Director, Land Core Group, Myanmar, "Holistic, Integrated Sustainable, Resilient, Inclusive, Equitable, Smart Growth"
- Dr. Terilyn D. Allendorf, Assistant Scientist, Department of Forest and Wildlife Ecology. University of Wisconsin, Madison, Wisconsin. & Research Associate, Smithsonian Conservation Biology Institute, "Communities, conservation, and a green economy"
- Dr. Nicholas Cox, Country Director, WWF-Myanmar, "Improving infrastructure and protecting nature in Myanmar"
- Dr. Larry. C Wong, Co-Founder Myanmar Praxis Pte. Ltd, "Green Infrastructures Towards Sustainable Food System"

## **5 FEBRUARY, DAY 2**

### **SESSION 6**

#### **8.30 to 10.00. INNOVATIVE FINANCING AND ECONOMIC INSTRUMENTS FOR ACCELERATING POLICIES AND ACTIONS AND ESTABLISHING A RESOURCE FACILITY TO SUPPORT FAST TRANSITIONS TO TRANSFORMATIVE GREEN PARADIGM**

- Chair & Keynote Dr. Tin Htut, Former Permanent Secretary, Ministry of Agriculture, Livestock and Irrigation
- Dr. Peter Brimble, Senior Technical Advisor, DaNa Facility; Former Principal Country Specialist, ADB Myanmar
- Singay Dorji, Chief Technical Specialist Sustainable and Inclusive Growth Unit UNDP, Myanmar, "Bioprospecting - an Innovative Financing Opportunity for Conservation and Sustainable Development"
- Dr. Tun Thura Thet, Central Executive Member UMFCCI & CEO Myanmar Information Technology
- U Aung Nanda, Chairman, Myanmar Environmental Assessment Association, "Strengthening Environmental Governance to support to Transformative Green Paradigm; Gap Analysis from EMS ISO 14001: 2015 Perspective"

## **SESSION 7**

### **10.00 to 11.30 HUMAN RESOURCE FOR TRANSFORMATIONAL GREEN PARADIGM**

- Chair & keynote U Win Khaing Moe, DG, Dept. of Research & innovation, Ministry of Education, *“Human Resource for Transformational Green Paradigm”*
- Dr, Han Pyo Aung, Executive Director, Myanmar Farmers Academy, *“Horticultural Farming in Myanmar: Opportunities and Challenges with an Emphasis on Farm Workforce”*
- Dr. Bach Tan Sinh Director, Division of Journal and Publication, Department of Science Administration and Education. Vietnam Institute of Science, Technology, and Innovation, Hanoi, *Transformational Policies and Strategies Provisional Framework Accelerating Green Transition*
- Dr. Thumrongrut Mungcharoen Sustainable Development Advisor, National Science and Technology Development Agency, Thailand, <sup>2</sup> Secretary General, Thai Sustainable Consumption and Production Network, <sup>3</sup> Associate Professor, Kasetsart University, Thailand, *“Circular Economy Course for Higher Education in Thailand”*
- Dr. Zaw Naing , Managing Director, Mandalay Technology & Development, General Secretary, Zanaka Education Foundation, *“Human Resource for Transformational Green Paradigm”*

## **SESSION 8**

### **11.30 to 12.00 BRIEF SUMMARY HIGHLIGHTS**

- Dr. Nay Htun GEGG Founder & Hon Patron, Former UN Assistant Secretary General UNDP, UNEP

## **SESSION 9**

### **12.00 CLOSING**

**12.30 LUNCH** Hosted by U Thein Tun, Chairman GEGG (not for profit) Association

**14.00 LEAVE MICC 2 BY COACH FOR YANGON**

## **YANGON SEGMENT AT UMFCCI**

***Accelerating WHAT to HOW SOLUTIONS & PRACTICES.***

***For Green Implementation***

***State of the Art Technologies and Management, Traditional & indigenous Knowledge***

## **6 FEBRUARY DAY 3**

### **SESSION 10**

#### **9.00 to 09.45 OPENING**

- ❖ Opening Address  
H.E U. Bharat Singh, Deputy Union Minister, Ministry for Investments and Foreign Economic Relations
- ❖ Welcome Remarks
- ✓ H.E U Phyo Min Thein, Chief Minister, Yangon Regional Government
- ✓ U Thein Tun, Chairman, GEGG (not for profit) Association
- ✓ U Zaw Min Win, President, UMFCCI

## Photo Session

09.45 to 10.00 COFFEE BREAK

### SESSION 11

#### **10.00 TO 11.15 DESIGNING AND CONSTRUCTING 5G, GREEN BUILDINGS & INFRASTRUCTURES.**

- Chair U Sun Oo, President Myanmar Architects Council.
- U Soe Win Zaw, Co-Founder & Operations Director Pounamu Bamboo Design & Construction Co. “Hybrid Natural Construction”
- U Kyaw Moe Naing, MD. Myanmar EaseNet & Kristlite Lighting Specialist Co, “Design and Constructing 5G, Green Buildings and Infrastructures”
- U Aung Khaing Nyi Division Head E&S Div. Shwe Taung Building Materials, “How Green Buildings can help achieve the Sustainable Development Goals: Junction City”
- Dr Thumrongrut Mungcharoen Sustainable Development Advisor, National Science and Technology Development Agency, Thailand, <sup>2</sup> Secretary General, Thai Sustainable Consumption and Production Network, <sup>3</sup> Associate Professor, Kasetsart University, Thailand, “Pilot Study on Certification of Green Homes Drawing Plans in Thailand”

### SESSION 12

#### **11.15 TO 12.30 BEYOND ORGANIC HORTICULTURE, AND TOWARDS “AGROHORTIFORESTRY”**

- Chair & Keynote Dr. Laura Vickers, Senior Lecturer in Plant Biology, Crops and Environmental Sciences Harper Adams University, Newport, Shropshire, UK
- (By Skype) Tomek de Ponti, Business Innovator - Food Security & Sustainable Productivity, Wageningen Environmental Research (Alterra) - Wageningen UR, The Netherlands, “System Thinking as the basis for successful soil-based horticultural sector innovation”
- Dr. Hla Aung Vice Chairman Organic Affair Committee) Myanmar Fruit, Flower and Vegetable Producer and Exporter Association (MFVP) , Chairman Association of Myanmar Organic Farm Movement (AMMOFM) “The Green World Project”
- Emeritus Professor George Rothschild, Natural Resources Institute (NRI), University of Greenwich - Medway Campus, Chatham Maritime, Kent UK, “Transforming Crop Protection in Myanmar to meet the Challenges of increasing Pesticide Misuse”
- Prof. Dr.Khin Thida Myint, Head Department of Horticulture , Yezin Agricultural University, “Sustainable Horticultural Crop Production for Green Growth”
- Dr. Larry . C Wong, Co-Founder Myanmar Praxis Pte. Ltd, “Transforming Towards a Sustainable Food System to Feed the Future: Some Reflections”

### **12.30 to 13.30 LUNCH**

- ✓ Lunch Hosted by U Zaw Min Win, President, UMFCCI  
*“Roundtable discussion on private sector role and commitment towards a Transformative New Green Paradigm”*

### **SESSION 13**

#### **13.30 to 14.45 ROUND TABLE PANEL NEW AND EXPANDING OPPORTUNITIES FOR GREEN, SAFE, HEALTHY LIVING & WELLBEING.**

- Chair & Speaker Dr.Dang Thi Thu Hoai, Director of Department on Sectoral Policy Studies, Central Institute for Economic Management (CIEM)- Vietnam, *“The role of Energy Efficiency in green growth of Vietnam”*
- Peter King, Senior Policy Advisor, Institute for Global Environmental Studies, IGES, Hayama, Japan, *“Reward Trail Blazers Stop Blaming Victims”*
- Ms. Elisa Facchini, Project Manager, Istituto Oikos Myanmar, Yangon, *“Sustainable Communities: Improving Livelihoods while preserving Nature”*
- Nicholas Taylor, Green Cities Project Lead, GGGI, *“New and Expanding Opportunities for Green, Safe and Healthy Living and Wellbeing”*
- Prof Win Win Kyi, Vice President, Myanmar Consumer Union

### **SESSION 14**

#### **14.45 TO 15.45 ACTIONS SUPPORTING IMPLEMENTATION.**

- ✓ Collaborative Platform
- ✓ MGHI Myanmar Green Horticulture Institute

Demonstrating and Supporting HOW. Two mutually supporting initiatives.  
(Brief Introduction by GEGG)

### **SESSION 15**

#### **15.45 TO 17.00 PANEL DISCUSSION: IMPLEMENTING NEXT STEPS**

- Chair Dr. Bach Tan Sinh Director, Division of Journal and Publication, Department of Science Administration and Education. Vietnam Institute of Science, Technology, and Innovation
- Singay Dorji, Chief Technical Specialist Sustainable and Inclusive Growth Unit UNDP, Myanmar
- Dr. Laura Vickers, Senior Lecturer in Plant Biology, Crops and Environmental Sciences Harper Adams University, Newport, Shropshire, UK
- Dr. Thumrongrut Mungcharoen, *“Sustainable Development Advisor, National Science and Technology Development Agency”*, Thailand, <sup>2</sup> Secretary General, Thai Sustainable Consumption and Production Network, <sup>3</sup> Associate Professor, Kasetsart University, Thailand
- U Tin Aung Moe, Managing Director, United Forestry Services, Director e Guard Environmental Services Myanmar, *“Let’s Green”*
- U Tin Myint, Director Suntac Technologies, and Advisor to GIZ Rural Electrification Projects

### **SESSION 16**

#### **17.00 CLOSING SPEAKER Dr. Myo Thet, Vice President, UMFCCI**