1. Mission Objectives

The mission was undertaken with the following specific objectives:

1. To contribute to the conduct of the Green Skills Human Resource (HR) Summit held 27 November 2014;
2. To participate in the 3rd Tripartite Project Steering Committee/Multi-partite Project Advisory Committee Meeting held 28 November 2014; and
3. To conduct ocular and meet with key stakeholders for the Melaka Green City State- obtain relevant datasets for the completion of the policy simulation relating to “green townships” and identify possible collaboration areas.

Re Objective 1- Green Skills HR Summit

- The ILO had four contributions to the Summit:
  (a) Presentation: Green Jobs and a Just Transition to a Green Economy-Lurraine Villacorta
  (b) Presentation: Skilling for Green Jobs-Best practices from a Global view - Carmela Torres
  (c) Message: Thanks- Wolfgang Schiefer
  (d) Exhibit: ILO; Green Jobs and Skills Knowledge Products- Rakawin Leechananavanichpan
- The Summit was attended by 300 plus participants representing a cross sector of Malaysia and provided the ILO a good avenue to promote awareness on what the ILO does in Malaysia, regionally and globally, as well as to advocate and create better understanding on Green Jobs, skilling for Green Jobs, relevant standards and approaches. The Summit was part of the commitments made by DSD to create Green technology awareness among stakeholders from regulatory and technology backgrounds. It is also expected to spur the demand in Green technology training targeting 10 potential centres.
- It was clear from the responses of the participants, that everyone is interested in the concepts and are willing to participate in needed action in this regard.
- It was clear from the discussions during the side conference involving Datuk Pang (Director, MOHR-Department of Skills Development), Mr. Omar Amir (Director, MOHR-ILMIA), the new Deputy Director for Green Technology/Green Jobs of the Ministry of Energy, Green Technology and Water (KeTTHA) and the Focal Person from Malaysia Green Technology Corporation (MGTC)- that the government of Malaysia has strong desire to follow through the efforts undertaken (Two runs of Master Trainers Training and the HR Summit) both at the local/national level as well as at the ASEAN Level. At the local/national level- this would usher in the roll out of the Z-050 Curriculum by the pool of master trainers. At the ASEAN level, this is in recognition of the pioneering role Malaysia has in terms of its National Competency Standard (NCS) for Green Technology, 60+ National Occupational Skills Standards, and maximizing the opportunity presented by Malaysia being Chair of the ASEAN in 2015.
- It should be noted that the pilot runs of the Master Trainers courses provided a good opportunity not only to implement the NCS and trainer trainers but also the opportunity to closely review the technical content, revise and implement a better course for future training programmes. A comprehensive report on the training will be submitted to the ILO...
together with the revised NCS which now has 35 functional areas compared to the earlier version which had 21.

**Re Objective 2- Tripartite Project Steering Committee Meeting**

- Agreements reached during the PTC are as follows:
  1. Extension of the Project until end June 2015 to enable the completion of the simulations by the first quarter of 2015 and conduct of the culminating workshop at regional/international level no later than April 2015.
  2. Two additional policy questions have been agreed upon to tackle straightforward move from traditional (brown) to green economy in both services and agriculture. Identification of further specific subsector however is left to ILMIA.

With the original question pertaining to “Green Township” there will be a total of three policy questions.

1. **The green township question specifically would like to look into labour market implications of the policy to “provide green investment tax allowance (100%) for companies (listed in the green directory) who will either (a) implement a green project- such as the establishment "Green Township" or (b) procure green/clean equipment.**

2. **A straightforward simulation to look into the labour market implications of the policy to go green in the services sector (specific sub-sector to be decided- maybe Tourism) – above average growth rates in green services (5-10%) and below average growth of brown type of services.**

3. **A straightforward simulation to look into the labour market implication of the policy to assume that policy to go green in the agriculture sector (specific sub-sector to be decided) – above average growth rates in green services (5-10%) and below average growth of brown type of agriculture.**

(c) Following up on the earlier discussions including that of the meeting held on the side of the Green Skills Summit- to use the remaining period of the extension to explore and design follow through for the Green Jobs Malaysia Project both “In Malaysia” and “Malaysia In ASEAN”- with similar focus of either DySAM application, capability building and/or skills development and promotion (in line with mutual recognition initiative) under the ASEAN Integration.

- In view of agreement (b) it has further been emphasized that the templates for simulation (containing the remaining needed data) need to be completed within early December and for simulations both by local pool and international experts to start immediately. While there is agreement regarding completing the simulations by mid-first quarter, there is no clear agreement however (but an appeal) to complete the data template before the year ends.

- Furthermore, the lack of CO2 emission data in Malaysia was raised and some positive responses in terms of support for possibly acquiring needed data, were received from the representatives of the Ministry of Environment and Malaysia Green Technology Corporation.

- During the post project steering committee meeting- it was agreed with Mahuran Saro and Mr Amir that three local teams will be created to lead in the three simulations. Two of the
leaders are Dr Rusmawati and Dr Asmaddy who belong to the pool with Mr Lee being the overall leader.

- Additionally during the same post TPC meeting- it was agreed that we explore with Olga Strietska-Illina the possibility of Dr Rusmawati supporting the completion of the skills needs identification work/pilot testing of the methodology.

**Re Objective 3- Visit to the Green City Malacca**

- A visit to one of the four green cities being established in the Malacca (Melaka) State was conducted on 30 November 2014, capped with a very fruitful meeting with the key officials of the Melaka Green Technology Corporation on 1 December 2014.

The key contacts are:
1. Datuk HJ Kamarudin Bin MD Shah, Chief Executive Officer - Melaka Green Technology Corporation
2. MOHD Hafizam Bin Mustaffa, Operations Manager, Melaka Green Technology Corporation
3. Dr. Ismael Abdullah, Consultant and incoming CEO of the Indonesia-Malaysia Growth Triangle Green Technology Training Center (IMT-GTC), a subsidiary of the Melaka Green Technology Corporation

- It is clear that Melaka is advancing steadily to its vision to become a Green City State by 2020. It is accredited with UN Urban Environmental Accords and the International Council for Local Environmental Initiatives (ICLEI). It has established the first of the four planned green townships in Hang Tua Jaya, a 700 hectare town which include several green buildings (under PERKESO which covers occupational rehabilitation; vocational training and the like), other green elements including vertical gardens, use of electric cars/buggies, and a solar farm which contributes 8 megawatt power to the Melaka grid.

- It is important to note that since its launch in 2009/2010, Melaka has been monitoring its transition to being a green city state through locally established indicators. It has a blueprint (master plan) and a recently completed action plan with the support of the ADB.

- The Melaka Green Technology Corporation has committed to:
  (a) make available all data for use in the simulation of the green township policy question at the same time commits to:
  (b) help lead in bringing the follow-through of the Green Jobs Malaysia Project at the ASEAN Level through offering of DySAM training as well as the NCS for Green Technology (Z-050) Curriculum at the IMT-GTC not only for the Indonesia-Malaysia and Thailand partnership but for the whole of the ASEAN.

**II. Follow-up**

The items needing immediate follow-up are as follows:

1. For Lurraine, Rakawin and Mahuran Saro to work together to get the 2nd Amendment of the MOU between Malaysia and ILO signed before end 2nd week of December 2014 and thereafter for Lurraine and Rakawin to work on the needed budget rephrasing.
2. For Mahuran to coordinate the completion of the simulation template (for the policy questions) and forward this immediately (within 1st-2nd week December) to Jorge Alarcon for use in their simulation.
3. For Mahuran to coordinate with Mr Amir and Mr Lee in establishing the three local teams before end 2nd week December which will run the policy simulations and interact with Jorge/Christoph Ernst before end of

4. For Lurraine and Mahuran to coordinate with Olga and the DySAM skills Team re the completion of the tasks under this phase and possible involvement of Dr Rusmawati (to be confirmed before end of December 2014).

5. For Lurraine and Carmela Torres to discuss re suggested follow-through of the skills standards promotion in the ASEAN and update Malaysian counterparts beginning before end January 2015.

6. For Lurraine to discuss with Christoph and Jorge the possibility of engaging with IMT-GTC re future DySAM training in Malaysia and at the ASEAN level.