

ADB

Skills Development in Asia and the Pacific

Planting Seeds One Step Ahead

10–11 December 2014

ADB Headquarters, Manila, Philippines



**SKILLS
DEVELOPMENT**



Skills Development in Asia and Pacific: Planting Seeds One Step Ahead

Skills Development

An International Forum

10-11 December 2014 • Auditorium • Asian Development Bank • Manila, Philippines

Background

The ADB is hosting the fourth annual International Skills Development Forum in Manila during 10-11 December 2014. This follows three previous Forums held since 2011, which have helped build a dialogue platform on skills development in the Asia-Pacific region. This year, the ADB International Skills Development Forum will feature the results of the ADB policy research study on *Education and Skills for Inclusive Growth and Green Jobs* along with other studies on green jobs and green skills. Leading professionals will share their work on education for sustainability, expanding the footprint of green industries and sustainable practices in the private sector and exerting demand for skills and talent for green jobs. Green innovation, particularly the role of ICT in greening initiatives will also be explored. The work of international organizations on green jobs and skills and trends in the greening of Technical Vocational Education and Training in the inter-agency working group on green skills will also be shared.

Skills development policies are at the heart of planning for a sustainable economic future – they can sustain the spectacular growth rates enjoyed by Asian economies, but if planned well, can also help address rising concerns of environmental sustainability. Since mid-1990s, the Asia-Pacific region has accounted for over half of global materials used (such as biomass, fossil fuels, metal ores/industrial minerals). As of 2005, the region required three times the resources as the rest of the world to produce one unit of GDP. The Asia Pacific share of global energy demand is expected to reach 50% by 2028, from 35% in 2005. Education and skills strategies thus need to be integral to the objectives of a sustainable future.

There is yet no comprehensive vision for education and training that goes hand-in-hand with green economy policies. The 2014 ADB International Skills Development Forum will address the far reaching role education and training can play in supporting greening economies. Preparing an effective skills base for greening economies requires tackling all levels of education and high, mid, and basic skills. Skills are required for different sectors of the economy and for various disciplines, such as technology, material management, supply management as well as for finance, accounting, and marketing.

ADB, in partnership with The Hong Kong Institute of Education, had undertaken a regional policy research study on the responsiveness of skills development to the needs of greening economies, covering India, Indonesia, Sri Lanka, and Viet Nam. The Forum seeks to identify new and innovative approaches to skills development for greening economies. How can education and training systems be more forward-looking, particularly in the context of greening economies? What are the major trends in industries and key sectors that will have implications for education and talent development? What are the most significant ways in which developing countries can be better equipped to provide skills for jobs in greening sectors?

The Forum will address future actions that can emerge from this study and the question of how education and training systems in developing countries act today, anticipating the future needs of greening industries and sectors.

Day 1
Wednesday, 10 December 2014

08:00 – 08:30AM **Registration**

08:30 – 09:30AM **Session 1 - Opening Session**

Moderator: Jouko Sarvi, Practice Leader and Chair, Education Community of Practice, Regional and Sustainable Development Department (RSDD), ADB

Opening Address: Bindu Lohani, Vice President, Knowledge Management and Sustainable Development, ADB

Key note Address: Badullage Wijayarathne, Secretary, Ministry of Youth Affairs & Skills Development, Government of Sri Lanka. *'Building excellence in skills development for 'Haritha Lanka' or 'Green Sri Lanka'*

Introduction to the Theme of the Forum: Shanti Jagannathan, Senior Education Specialist, RSDD, ADB

09:30 – 10:00AM **Coffee / Tea Break**

10:00 – 12:00AM **Session 2 – Findings from ADB Policy Research Study on Skills Development for Green Jobs – Regional Report and Survey Findings of Technical Vocational Education and Training (TVET) Institutions and Business (1 hour)**

Moderator: Sungsup Ra, Director, Human and Social Development Division, South Asia Department, ADB

Presentations:

- Rupert Maclean, The Hong Kong Institute of Education (HKIEd), Team Leader of the project on Education and Skills for Inclusive Growth and Greening Economies. *Green Growth, Green Jobs and Green Skills in Asia: Overall and Regional findings of the ADB-HKIEd policy research study.*
15 mins
<https://www.scribd.com/doc/250361092/MACLEAN-FINALISED>
- Margarita Pavlova, TVET Specialist on Green Jobs, HKIEd. *Responsiveness of Technical and Vocational Education and Training Institutions to Greening Economies: Findings from the ADB-HKIEd study.* 10 mins
<https://www.scribd.com/doc/250360931/Pavlova-TVET-Presentation>
- Belinda Smith, Private Sector Skills Specialist, HKIEd. *Emerging demand and priorities of the private sector: Findings from the ADB-HKIEd study.*
10 mins
<https://www.scribd.com/doc/250357786/Belinda-Smith-ADB-Conference-2014>
Q&A

**Interactive Discussion: Why are Green Skills Important for the Future?
(1 Hour):**

Moderator: Anthony Jude, Practice Leader and Chair, Energy Community of Practice, RSDD, ADB

- Deo Karan Prasad, Chief Executive Officer, Cooperative Research Center for Low Carbon Living Ltd., University of New South Wales, Sydney, Australia. *Urban Built Environments in Asia's Cities – Skills Needed to Accelerate Low-Carbon Living*
- Shyamal Majumdar, Head of Office, UNESCO-UNEVOC. *Greening of TVET: Potential and Implications for Asia*
- Constant Van Aerschot, Executive Director, World Business Council for Sustainable Development. *Industry Demand for Energy Efficiency and Skilled Workers*
<https://www.scribd.com/doc/250359131/Van-Aerschot>

Q&A

12:00 – 01:30PM **Lunch Break**

01:30 – 03:30PM **Session 3 – Findings from ADB Policy Research Study on Skills Development for Green Jobs – Country Reports for India and Sri Lanka (1 hour)**

Moderator: Brajesh Panth, Lead Education Specialist, Human and Social Development Division, South Asia Department, ADB

Presentations: (10 minutes each)

- Saurabh Johri, TVET Specialist and Consultant, HKIEd. *Greening of Skills: India Country Report*
<https://www.scribd.com/doc/250358786/Saurabh-Johri-India>
- Margarita Pavlova, TVET Specialist on Green Jobs, HKIEd. *Greening of Skills: Sri Lanka Country Report*
<https://www.scribd.com/doc/250358577/Margarita-Pavlova-Sri-Lanka>

Q&A

Interactive Discussion: How Can Expertise and Talent Be Developed for Greening Economies? (1 hour)

Moderator: Ramesh Subramaniam, Deputy Director General, Southeast Asia Department, ADB

- Leena Srivastava, Vice Chancellor, TERI University, India. *Shaping Young Minds with the Capacities to Envision a Sustainable Future*
 - Jos Hermans, Senior Adviser, Regional Centers of Expertise (RCE) Network for Sustainability. *Creating Hubs of Knowledge and Skills for Sustainable Development: Emerging Results from the RCE Network*
 - Santosh Mehrotra, Professor of Economics, Jawaharlal Nehru University, India. *Can Greening and Fast Economic Growth Go Together in India? What are the Biggest Skills Development Challenges?*
-

03:30 – 04:00PM **Coffee / Tea Break**

4:00 – 05:30PM

Session 4 – Green Skills and Green Jobs for Youth

Moderator: Karen Jimeno, TV Host, 9 News Philippines

Interactive Discussion: How can Green Skills and Green Jobs Benefit the Youth and Local Communities? (45 mins)

- John Barrett Trew, Youth Employment Specialist, Plan International. *Greening Skills are Crucial for Jobs for Youth: Findings from a Regional Study by Plan International*
- Sreenivas Narayanan, Group Managing Director, Asia Society for Social Improvement & Sustainable Transformation (ASSIST). *The Role of Community Organizations in Green Skills Development: The Experience of ASSIST*
<https://www.scribd.com/doc/250359313/Sreenivas-Narayanan-Preparing-Youth-for-Green-Jobs-Through-Skills-Development>
- Leon Flores, Former Chair and CEO, National Youth Commission, Philippines. *'Green Skills and Solving the Youth Unemployment Problem'*
- Carl Vincenzo R. Mamawal, CEO, Nyfti Bicycles. *'What Can Youth Do to Promote Greening through Environmental Advocacy?'*

Q&A

Youth Debate (45 mins)

Moderator: Weston Lee, President of the Philippine Debate Union

Debaters:

- Carlo Borromeo, Debater on economic issues, winner of the Asian Debating Championship 2013
- Jesus Falcis, member of a pool of veteran debaters and judges of national and international debating tournaments, winner of the Asian Championships in 2013.
- Kip Oebanda, member of the adjudication core of the national debating tournaments
- Victor Baguilat, student of law in San Beda Manila, judge for national and international debate tournaments

These champion debaters from the Philippines will participate in a Debate on a topic concerning youth and green jobs/green skills to be announced at the start of this session. The Audience will vote for the best team.

06:00 PM

Cocktail Reception, ADB Courtyard

Day 2
Thursday, 11 December 2014

08:30 – 10:30AM

Session 5 - Findings from ADB Policy Research Study on Skills Development for Green Jobs – Country Reports (1 hour)

Moderator: Ayako Inagaki, Director, Human and Social Development Division, Southeast Asia Department, ADB

Presentations: (10 minutes each)

- Saurabh Johri, TVET Specialist and Consultant, HKIEd. *Greening of Skills: Viet Nam Country Report*
<https://www.scribd.com/doc/250359502/Viet-Nam-11-Dec-2014>
- Punang Amaripuja, TVET Training Specialist, Indonesia, Consultant, HKIEd. *Greening of Skills: Indonesia Country Report*
<https://www.scribd.com/doc/250359691/Indonesia-Presentation-P-Amaripuja>

Q&A

Interactive Viewpoints: Locating green skills within overall education and training systems and capacity development (1 hour)

Moderator: Bart Edes, Director, Poverty Reduction, Social Development, & Governance Division, RSDD, ADB

- Vincent Aloysius, Country Manager, Geocycle, Indonesia. *The Role of the Private Sector in Greening Skills: Experience from Indonesia*
<https://www.scribd.com/doc/250360103/Vincent-Aloysius-Greenskills-Forum-2014>
- Afriyudianto, Deputy Project Manager of the Polytechnic Education Development Project, Indonesia. *The Role of Polytechnics in Promoting Green Skills in Indonesia*
<https://www.scribd.com/doc/250360317/Afriyudianto-Indonesia>
- Le Van Chuong, Deputy Director, General Department of Vocational Training, Ministry of Labor, Invalids and Social Affairs, Vietnam. *Policies and Practices that can Promote Green Jobs*
<https://www.scribd.com/doc/250360473/Le-Van-Chuong-MoLISA>
- Kim Stengert, Communication Director, World Wildlife Fund, Singapore. *'Eco Schools and Eco Campuses - the experience of student leadership for sustainability'*

Q&A

10:30 – 11:00AM

Coffee / Tea Break

11:00 – 12:30PM

Session 6 - How should Developing Countries in Asia and the Pacific Address Green skills and Green Jobs?

Open Mike:

Moderator: Karen Jimeno, TV Host, 9 News Philippines

Developing Member Country Representatives, ADB Staff

Issues and questions (Illustrative):

- Are green skills peripheral in developing countries in comparison to overall aspects of quality and relevance – how can this be changed?
- Can development of green skills constitute a triple win: employment, growth and greening – what measures are needed?
- Should the focus be on generic green skills or specialized green skills?
- Should green skills be embedded in various skills development programs or separate modules for green skills be developed?
- Which sectors are important for developing green skills? Are sector specific green skills more important than universal green skills?
- Which industries and sectors offer opportunities for ‘quick wins’ in developing green skills and talent?
- How can skills providers and employers collaborate to anticipate better the training needs for greening economies of the future?
- What are the most important initiatives in your country in skills development that address the needs and challenges of greening economies?
- What type of initiatives in skills development are likely to best serve the triple wins of high growth, high employment and high environmental sustainability?
- What could be potential modalities by which skills development and training incorporate generic and specific green skills?

Participants can speak to issues and questions above or about their institutional programs or about their priorities for the future; the key aspect of this session is to develop operational and practical approaches for green skills development.

12:00 – 1.30PM

Lunch Break

1.30 – 03:00PM

Session 7 – Innovative Approaches for Skills Development for Sustainability and Greening Economies

Ideas Marketplace: My big idea on skills for sustainability

Co-Moderators: Rupert Maclean, Shanti Jagannathan

Developing Member Countries, Private Sector, NGOs, Academia, ADB Staff

03:00 – 03:30PM

Coffee / Tea Break

03:30 – 04:00PM

Session 8 – Wrap Up and Conclusion

Links to previous ADB Skills Development Forums, for information

Skills Forum 2013 Agenda, Papers, and Participants

<http://www.adb.org/news/events/skills-inclusive-and-sustainable-growth-developing-asia-pacific-international-forum>

Special Issue of Prospects, Quarterly Review of Comparative Education. Open File 170; Skills for Inclusive and Sustainable Development: Perspectives from the Asia Pacific Region and Beyond. Guest Editors: Rupert Maclean, Shanti Jagannathan

Skills Forum 2012 Agenda, Papers, and Participants

<http://www.adb.org/news/events/skills-inclusive-and-sustainable-growth-developing-asia-pacific-international-forum-0>

ADB-Springer Book on Skills Development for Inclusive and Sustainable Growth in Developing Asia-Pacific (free to be downloaded)

<http://www.adb.org/publications/skills-development-inclusive-and-sustainable-growth-developing-asia-pacific>

Skills Forum 2011 Agenda, Papers, and Participants

<http://www.adb.org/news/events/skills-inclusive-and-sustainable-growth-developing-asia-pacific>

ADB Skills Development Blog

(<http://adbskillsdevelopment.wordpress.com>)