

**Session 2B: Mr. Yasuki Shirakawa**

**Presentation entitled: CDM in transport Sector**

**Biographic Data of Speaker**



Yasuki Shirakawa  
President, Climate Consulting, LLC

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**EDUCATION:**

| Degree              | Major                                     | Graduation Year | University        |
|---------------------|---|-----------------|-------------------|
| Master of Science   | Geophysics (Carbon cycle, Climate change) | 1995            | Tohoku University |
| Bachelor of Science | Geophysics                                | 1993            | Tohoku University |

**WORKING EXPERIENCE:**

- 1995 – 2007 : Chief engineer of Solution Department, Japan Weather Association
- 2007 – Present President, Climate Consulting, LLC.

**PROFESSIONAL EXPERIENCE (SELECTED):**

Yasuki Shirakawa has around 13 years of professional experience as a consultant in the field of climate change mitigation and air pollution, especially including methodology development and PDD preparation for CDM projects. His current main job includes developing new methodologies and PDDs, assisting the Japanese/international stakeholders. To date, he has contributed more than 30 projects (*incl.* feasibility studies) in their assessment as CDM or development of methodologies or PDDs. It includes various types of fields such as transport sector (biofuel, CNG vehicle, BRT, Railway, etc), energy saving,

renewable energy, manure management, district energy supply system, waste management, etc.

- 2007 Preparation of PDDs and reviewing methodologies for projects such as biomass utilizations, energy efficiency, transportation, etc. for many Japanese/international enterprises or organizations including World Bank, Asian Development Bank.
- 2007 Preparation of Guidelines for Preliminary Estimations of Carbon Emissions Reduction in Urban Transport Projects, World Bank.
- 2007 Feasibility Study on Potentiality and Opportunity of Clean Development Mechanism (CDM) in Transport Sector in Thailand: Development of Baseline for Transportation Projects Applicable to CDM, OTP, Thailand.
- 2006 Study on the Preparation of Methodologies for the Promotion of CDM/JI in the Transport Sector (Case study in Vietnam and Thailand), Ministry of Economy, Trade and Industry, Government of Japan.
- 2005 Development of new methodology of biodiesel project: NM0233: Methodology for vegetable-derived fatty acid methyl ester biodiesel production for transportation. Approved by Methodology panel and under consideration by CDM EB.
- 2005 Study to promote CDM projects in transport sector in order to resolve global environmental problem, - Study on Biodiesel CDM in Thailand - Japan Transport Cooperation Association, Ministry of Land, Infrastructure and Transport Government of Japan.
- 2005: Study for development of atmospheric environmental impact assessment methodology on the extension of subway Blue Line in Bangkok, Japan Bank for International Cooperation.
- 2004: Study to promote CDM projects in transport sector in order to resolve global environmental problem, - Study on possibility of CDM in transport sector - Japan Transport Cooperation Association, Ministry of Land, Infrastructure and Transport Government of Japan.
- 2003: Study to promote CDM projects in transport sector in order to resolve global environmental problem, - Development of vehicle emission

factors of air pollutants in Bangkok -, Japan Transport Cooperation Association, Ministry of Land, Infrastructure and Transport Government of Japan.

- 2002: Study on mitigation of roadside air pollution focused on Suspended Particulate Matter. Ministry of Environment of Japan.
- 2000: Survey on realizing monitoring network for greenhouse gases in Asia and the Pacific Region, Japan Meteorological Agency.
- 1998: Development of three-dimensional Air Quality Model focused on Particulate Matter. National Institute of Advanced Industrial Science and Technology, Ministry of Economy, Trade and Industry of Japan.
- 1996: Observation of air pollution and planning of their mitigation measures in Dalian, China. Japan Transport Cooperation Association, Ministry of Land, Infrastructure and Transport Government of Japan.

**AREA OF EXPERTISE:**

- Consulting on Climate Change Mitigations, especially on Clean Development Mechanism: Preparation of PDDs, development of methodologies, etc.
- Evaluation of Climate Change Impacts
- Environment Impact Assessment
- Development of three-dimensional Air Quality Model
- Consulting on Air pollution measures
- Planning of mitigation of greenhouse gas emissions of local government