

# Summary of LCS and SATREPS

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**The 19th AIM International Workshop**

**December 13-14, 2013**

**Ohyama Memorial Hall, NIES**

**Tsukuba, Japan**

# Session 2: Asian LCS Session (1)

- 10:40-11:00      Summary of LCS and SATREPS  
                    Dr. Junichi Fujino (NIES, Japan)
- 11:00-11:20      Presentation from China  
                    Prof. Xiulian Hu and Dr. Kejun Jiang  
                    (ERI, China)
- 11:20-11:40      Presentation from India  
                    Prof. P. R. Shukla (IIM, India)
- 11:40-12:00      Discussion

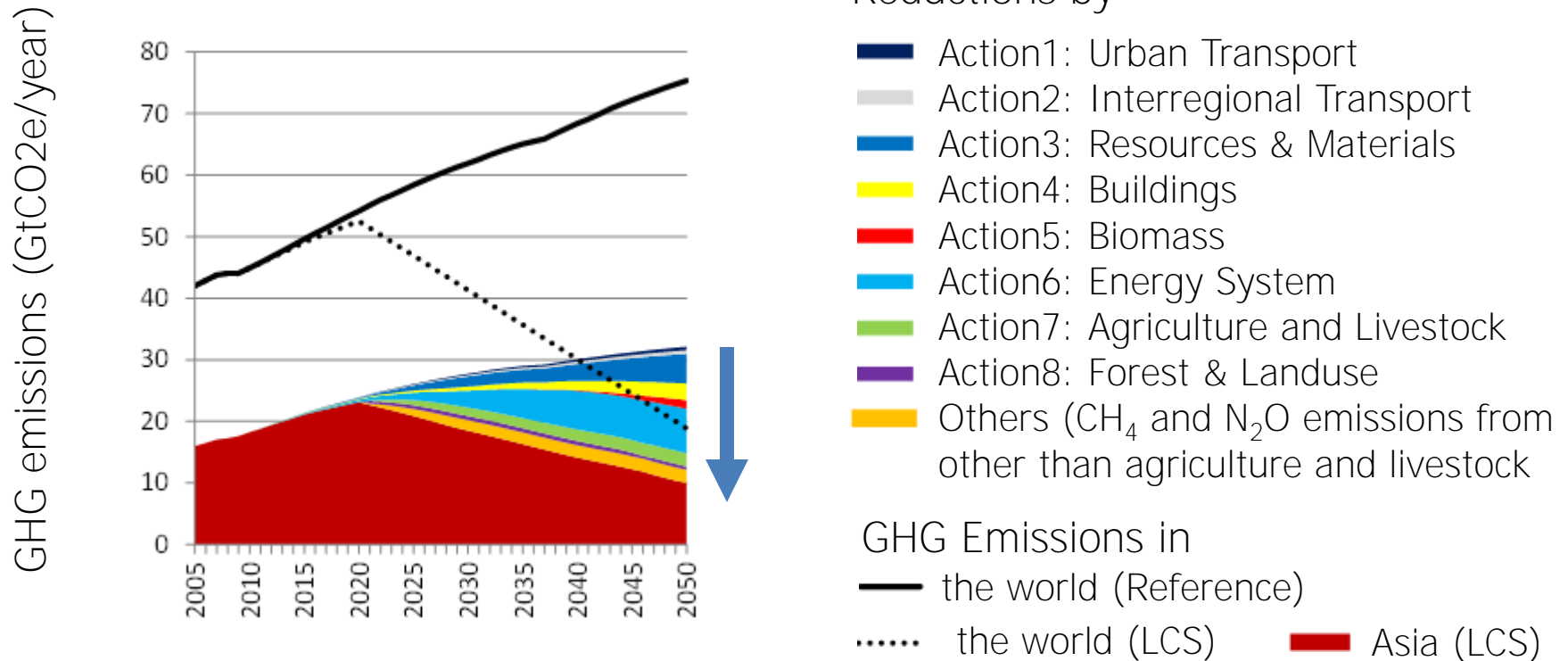
# Session 3: Asian LCS Session (2)

- 13:00-13:20 Low carbon society blueprint to implementation  
- The case of Iskandar Malaysia  
Prof. Chin Siong Ho (UTM, Malaysia)
- 13:20-13:35 Presentation from Bhopal  
Prof. Manmohan Kapshe (MANIT, India) and  
Prof. Aashish Deshpande (NITTIR, India)
- 13:35-13:50 Presentation from Khon Kaen  
Prof. Sirintornthep Towprayoon and Prof. Savitri  
Garivait (JGSEE, Thailand)
- 13:50-14:10 LCSRNet/LoCARNet  
Dr. Shuzo Nishioka and Ms. Tomoko Ishikawa  
(IGES, Japan)
- 14:10-14:40 Discussion

Research Project “Establish a Methodology to Evaluate Middle to Long Term Environmental Policy Options toward Asian Low Carbon Societies (Low-Carbon Asia Research Project)” (S-6)

# There is potential to reduce GHG emissions by 69% compared to the reference case in Asia

- The global emissions will become 1.8 times larger compared to the 2005 level and emissions in Asia will be doubled under the reference scenario.
- It is feasible to reduce GHG emissions in Asia by 69% by introducing ten actions and Others (CH<sub>4</sub> and N<sub>2</sub>O emissions from other than agriculture and livestock) appropriately compared to the reference scenario in 2050.



# Examples of Brochures introducing Asian Low Carbon Scenarios

## Communication and feedbacks of LCS study to real world



Project for “Development of Low Carbon  
Society Scenarios for Asian Regions”  
under Science and Technology Research  
Partnership for Sustainable  
Development Program (SATREPS)  
supported by Japan International  
Cooperation Agency (JICA) and Japan  
Science and Technology Agency (JST)

# Overview : Iskandar Malaysia Actions For A low Carbon Future

Collaboration of













Needs holistic approach towards green economic growth to ensure sustainability and align with IM vision to be come metropolis of international standing

Endorsed by Malaysia Prime Minister YAB Dato' Sri Mohd Najib bin Tun Abdul Razak on 6<sup>th</sup> November 2013



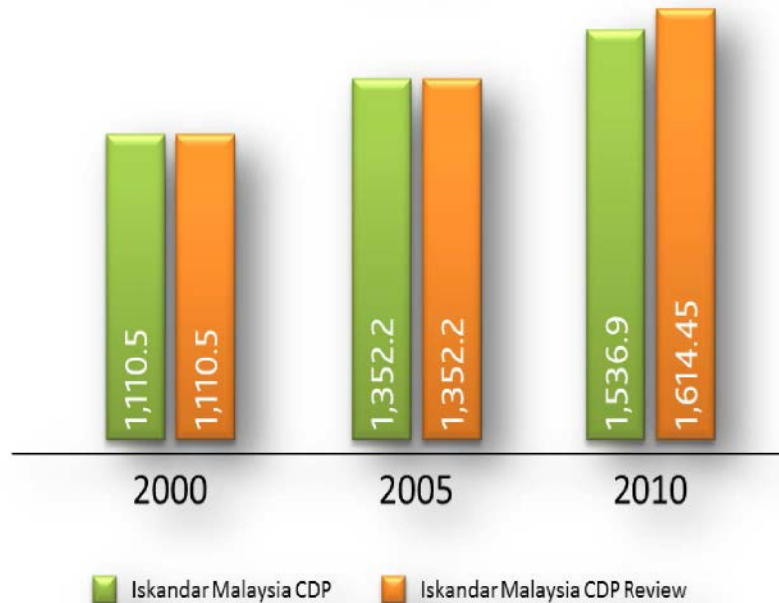


# The 10 action plans

<p><b>1. Integrated Green Transportation – Mobile Management System</b></p> 		<p><b>2. Green Economy Guidelines</b></p> 		<p><b>3. Eco-Life Challenge Project for Schools</b></p> 	
<p><b>4. Portal on Green Technology</b></p> 		<p><b>5. Trees for Urban Parks/Forests</b></p> 		<p><b>6. Responsible Tourism and Biodiversity Conservation</b></p> 	
<p><b>7. Bukit Batu Eco-Community</b></p> 		<p><b>8. GAIA – Green Accord Initiative Award</b></p> 		<p><b>9. Low Carbon Village FELDA Taib Andak</b></p> 	
<p><b>10. Special Feature: Smart City – Pasir Gudang ‘NAFAS BARU’: CLEAN AND HEALTHY CITY</b></p>					

# Quick update : 3. Eco life Challenge Programs

Iskandar Malaysia Population Growth 2000-2010  
( '000)



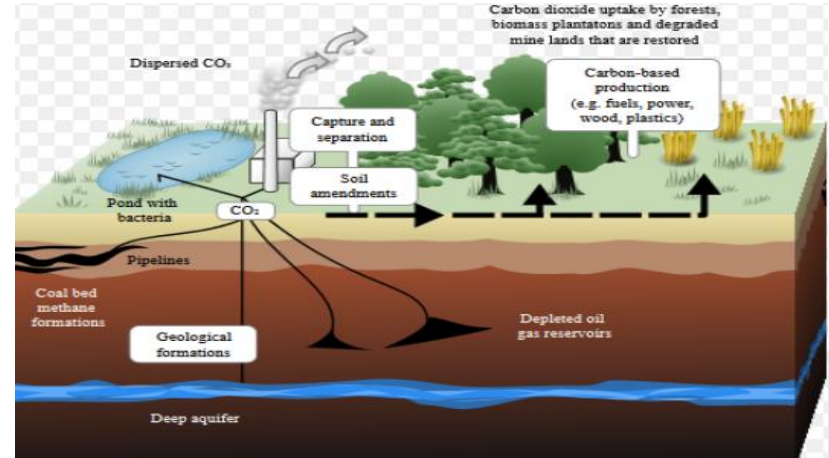
**198** primary schools,  
Phase 1 - **23** schools



# IRDA in collaboration with MPPG currently embarking on a program named as NAFAS BARU PASIR GUDANG, 4 main LCS programs



**Green Industry**



**Carbon Sequestration**



**Integrated Solid Waste Management**



**Green Community**



**ISKANDAR**  
REGIONAL  
DEVELOPMENT  
AUTHORITY