

Japanese Experience can support Low Carbon Strategy Development in Asia

- 1. If we cannot go to LCS,....**
- 2. LCS offers higher QOL with less energy demand and lower-carbon energy supply**
- 3. LCS needs good design, early action, and innovations**



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NIES (National Institute for Environmental Studies), Japan
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Designed by Hajime Sakai

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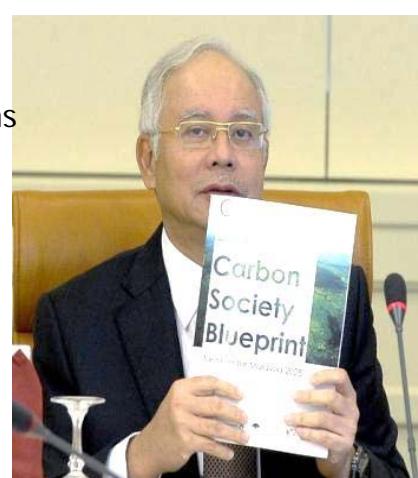


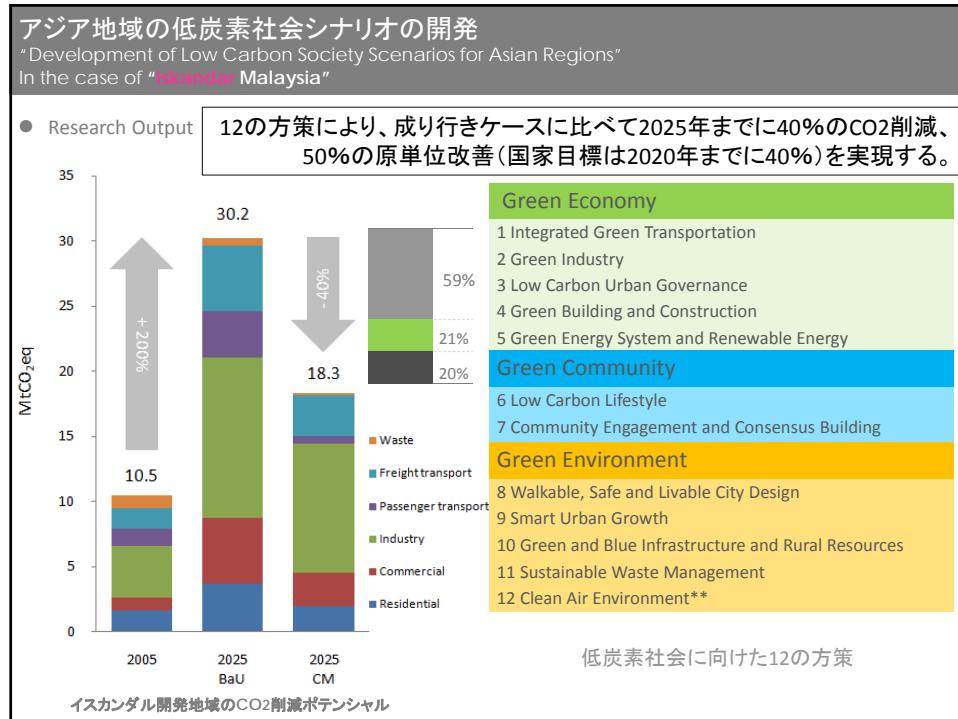
"Development of Low Carbon Society Scenarios for Asian Regions"
In the case of "**Iskandar Malaysia**"

Japanese experience on
Low Carbon Scenarios & Roadmaps
+
Malaysian challenge on
Implementation of Low Carbon Visions



Premier of Malaysia provided
permission in the 13th IRDA
Steering Committee to start
the Iskandar Low Carbon
Society planning
(December 11th, 2012)

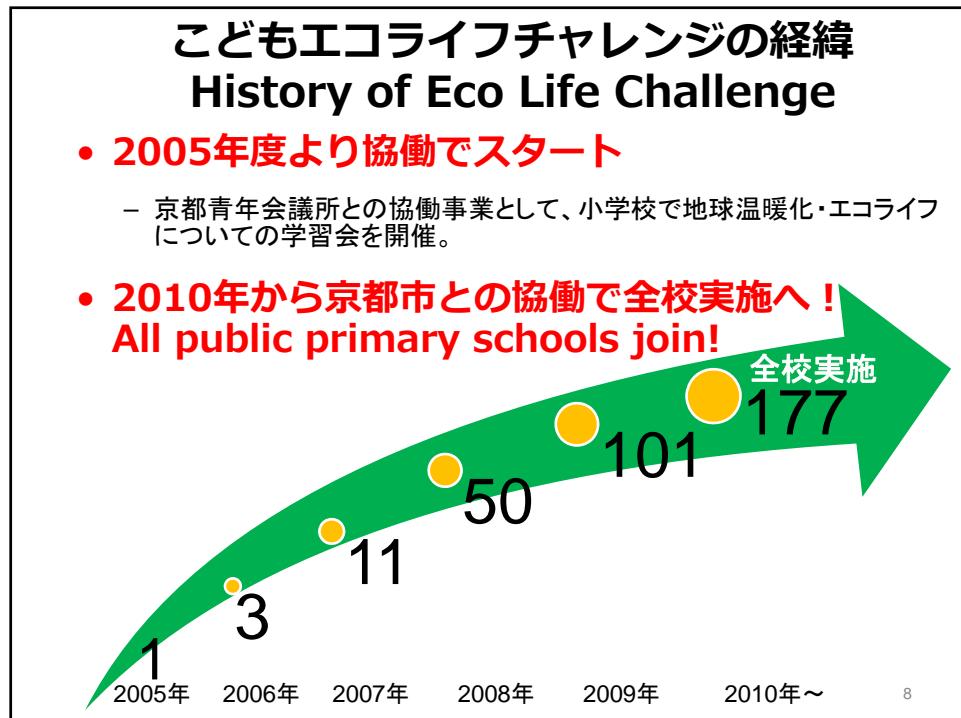




Launching of Low Carbon Future for implementation 2013

The LCSBPIM Booklet: "Actions for a Low Carbon Future"

1. Mobile Management System	2. Green Economy Guidelines	3. Eco-Life Challenge Project for Schools	
4. Portal on Green Technology	5. Trees for Urban Parks/Forests	6. Responsible Tourism and Biodiversity Conservation	The LCSBPIM Actions for Low carbon Future is a implementation report. This plan select 10 priority projects from a total of 281 programs to be implemented for the 2011-2015. Apart from Triple Base line actions, 3 special projects are also identified- Bkt batu Eco-Community, LC Village FELDA Taib Andak and Pasir gudang Nafas baru
7. Bukit Batu Eco-Community	8. GAIA – Green Accord Initiative Award	9. Low Carbon Village FELDA Taib Andak	
10. Special Feature: Smart City – Pasir Gudang 'NAFAS BARU': CLEAN AND HEALTHY CITY			



Workbook for pupils



京の環境教育 マレーシアへ

NPOなど考案「こどもエコライフチャレンジ」



「子どもエコライフチャレンジ」について意見を交わすNPO職員や
イスカンダル開発地域の担当者（京都市中京区）

形成するきっかけにした
い」と話していた。

京都市の小学生が環境保護を取り組む教育プログラム「ひじりプロジェクトチャレンジ」が初めて、海外で採用され、年内でグローバル化で行われる。ワロクロマを考案した京都の法人などは、「世界規模で地球温暖化防止活動を担す新たなチャンス」と期待している。

エコライフチャレンジは、NPO法人気候ネットワーク（中京区）や京都青年会議所などが2005年度に始めた。地球温暖化の仕組み、ごみ削減や節電の方法をテキストで学

京都からマレーシアへ Kyoto to Malaysia イスカンダル・マレーシアでの環境教育の取り組み

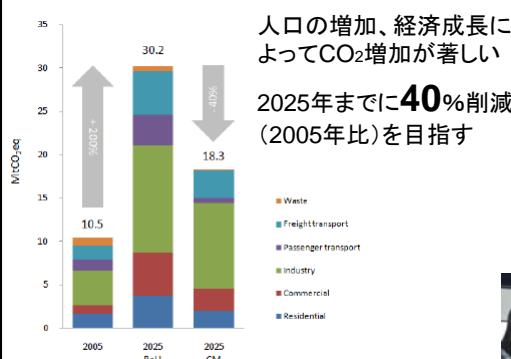


Figure 1: GHG emissions by sectors



全198 校での展開を目指して
2013年度は23 校で実施

1 Updates & Progress

1.3 Children's Eco-Life Challenge in IM (Research findings – Eco-life Checklist)

No	Item	Pre-ELC	Post-ELC	Diff.
1	Shut down TV when you do not watch it.	3.11	3.22	0.11
2	Turn off lights in a room where no one uses the room	3.15	3.22	0.07
3	Do not use too much of air conditioner.	1.28	1.93	0.65
4	Be careful in setting the temperature of air conditioner.	1.28	1.70	0.43
5	Close refrigerator soon after you use it. Do not open it when not necessary.	2.65	2.98	0.33
6	Iron many clothes at one time.	2.25	2.57	0.32
7	Do not leave water running when washing teeth or face.	2.70	2.92	0.21
8	Washing school shoes using pail instead of running water.	2.54	2.83	0.29
9	Bring my own bag (eco bag) to shopping.	1.80	2.45	0.65
10	Collect plastic bags for other usage.	3.46	3.65	0.19
11	Use notebooks with recycled-mark.	1.75	2.36	0.61
12	Reuse unused side of paper.	2.76	3.26	0.50
13	Bring water bottle, instead of buying drinks.	2.86	3.08	0.21
14	Separate waste and recycle them.	2.23	2.93	0.70
15	Use bicycle or walk for short distance.	2.97	3.15	0.18
16	Leave no food. Do not waste food.	2.99	3.20	0.21
17	Discuss with your family about environmental issues.	1.67	2.52	0.85

Iskandar Malaysia
Eco-Life Challenge
Twenty Fourteen

PLANNED COVERAGE FOR ECO-LIFE CHALLENGE IN ISKANDAR MALAYSIA PRIMARY SCHOOLS

YEAR	2013	2014	2015
#SCHOOL	23	80	198

To be “RCE”
(Regional Centers
of Expertise
on ESD),
UNU program

- 23 schools as pioneering batch for ASPnet (Unesco) primary category in Malaysia
- Initial stage (2013) in competition format as a study platform
- To be scaled up by incorporating ELC as lesson component in all planned 198 ASPnet (UNESCO Schools) primary schools ¹³





Scale up!

- Develop manual to introduce our experience to transfer our methodologies in Japan to develop Iskandar Malaysia Low Carbon Society Blueprint and implementation plans
- Provide capacity building opportunities to learn our methods by experts in Japan, India, China, Korea, Thailand, Nepal, Indonesia, Malaysia, Vietnam, Cambodia, and others for stakeholders

Sustainable
Low-Carbon Asia
comes from
design,
imagination
and
co-working...

Let's work together!



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