

Asia Low Carbon City Design – the case of Iskandar Malaysia Eco Life Challenge-

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



Designed by Hajime Sakai



Junichi FUJINO, Maiko Suda

NIES (National Institute for Environmental Studies), Japan

LoCARNet 3rd Annual Meeting

Bogor Indonesia, Nov 25, 2014

Low Carbon Society Scenarios for Iskandar Malaysia

Project Background



FLAGSHIP A

- JOHOR BAHRU CITY CENTRE
- Central Business District (CBD) as heritage and cultural city
 - Customs, Immigration and Quarantine Complex (CIQ)
 - Johor – Singapore Causeway

FLAGSHIP B

- NUSAJAYA
- Kota Iskandar
 - EduCity
 - Medical Park
 - International Destination Resort
 - Southern Industrial & Logistics Clusters (SILC)
 - Puteri Harbour

FLAGSHIP C

- WESTERN GATE DEVELOPMENT
- Port of Tanjung Pelepas (PTP)
 - Tanjung Bin Power Plant
 - 2nd Link Access to Singapore
 - RAMSAR World Heritage Park
 - Tanjung Piai – Southernmost Tip of Mainland Asia
 - Maritime Centre

FLAGSHIP D

- EASTERN GATE DEVELOPMENT
- Tanjung Langsat Industrial Complex
 - Johor Port
 - Tanjung Langsat Port
 - Pasir Gudang Industrial Park

FLAGSHIP E

- SENAI-SKUDAI
- Senai Airport City
 - Senai High-Tech Park
 - Sedenak Industrial Park
 - MSC Cyberport City
 - Johor Technology Park
 - University Technology Malaysia (UTM)

Site: Iskandar Malaysia

(Iskandar Regional Development Authority)

Objective:

i. To draw up **key policies and strategies** in guiding the development of Iskandar Malaysia in **mitigating carbon emission**. *Transforming Iskandar Malaysia into **a sustainable low carbon metropolis by adopting green growth strategies/roadmap**.*

ii. To respond to the nation's aspiration for **ensuring climate-resilient development for sustainability**.

Target Year: 2025 (2005 – 2025)

Background

Development of Low Carbon Society Scenarios for Asian Regions



Research Team: Universiti Teknologi Malaysia (UTM), Kyoto University (KU), Okayama University (OU), National Institute for Environmental Studies (NIES)

Joint Coordinating Committee: Iskandar Regional Development Authority (IRDA), Federal Department of Town and Country Planning (JPBD), **Malaysia Green Technology Corporation (MGTC)**

Sponsorship: Japan International Cooperation Agency (JICA) , Japan Science and Technology (JST)

Period: 2011 - 2016

Research Output:

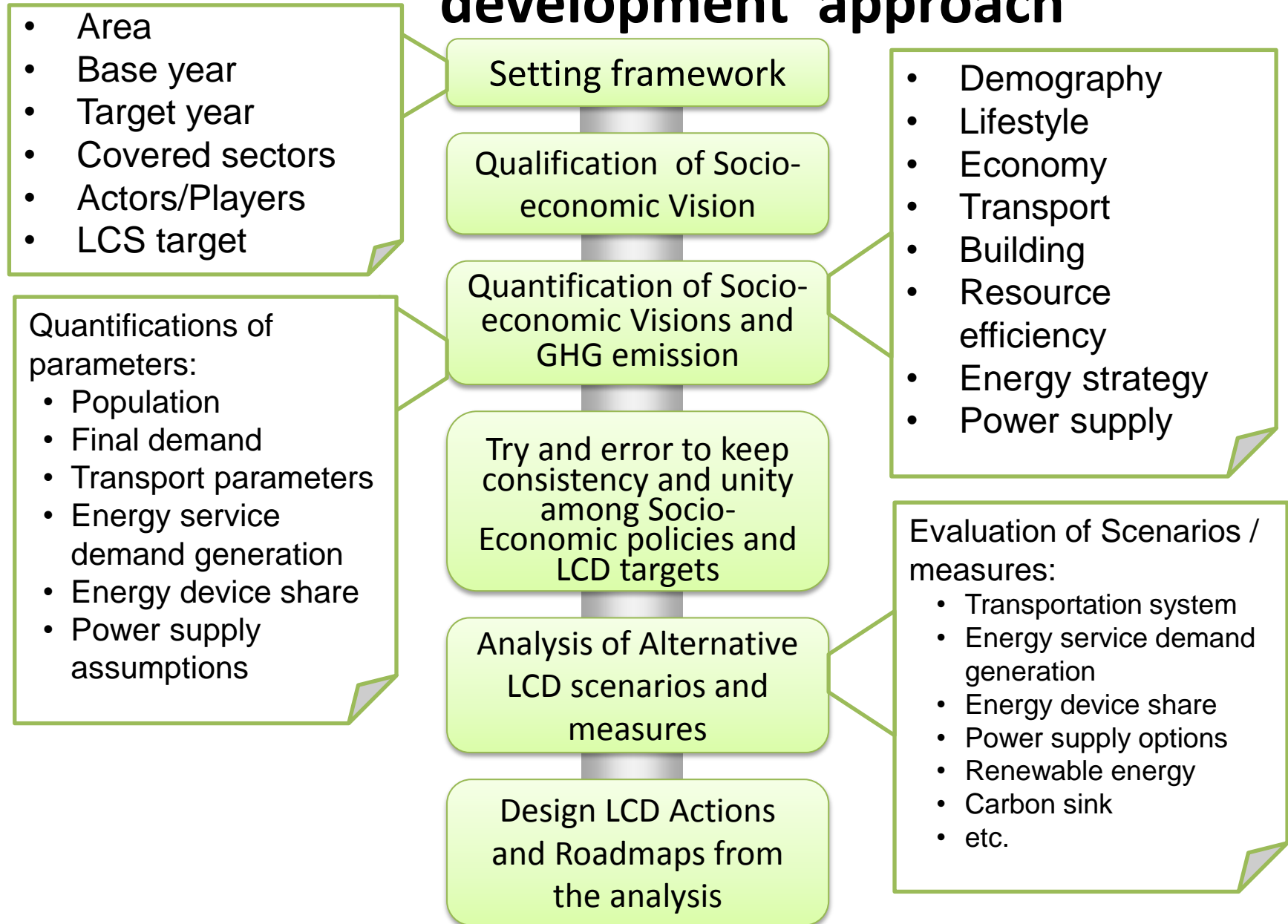
- i. **Methodology** to create LCS scenarios which is appropriate for Malaysia is developed.
- ii. **LCS scenarios** are created and utilized **for policy development** in IM.
- iii. **Co-benefit of LCS policies** on air pollution and on recycling-based society is quantified in IM
- iv. **Organizational arrangement of UTM** to conduct trainings on LCS scenarios for Malaysia and Asian countries is consolidated, and a network for LCS in Asia is established



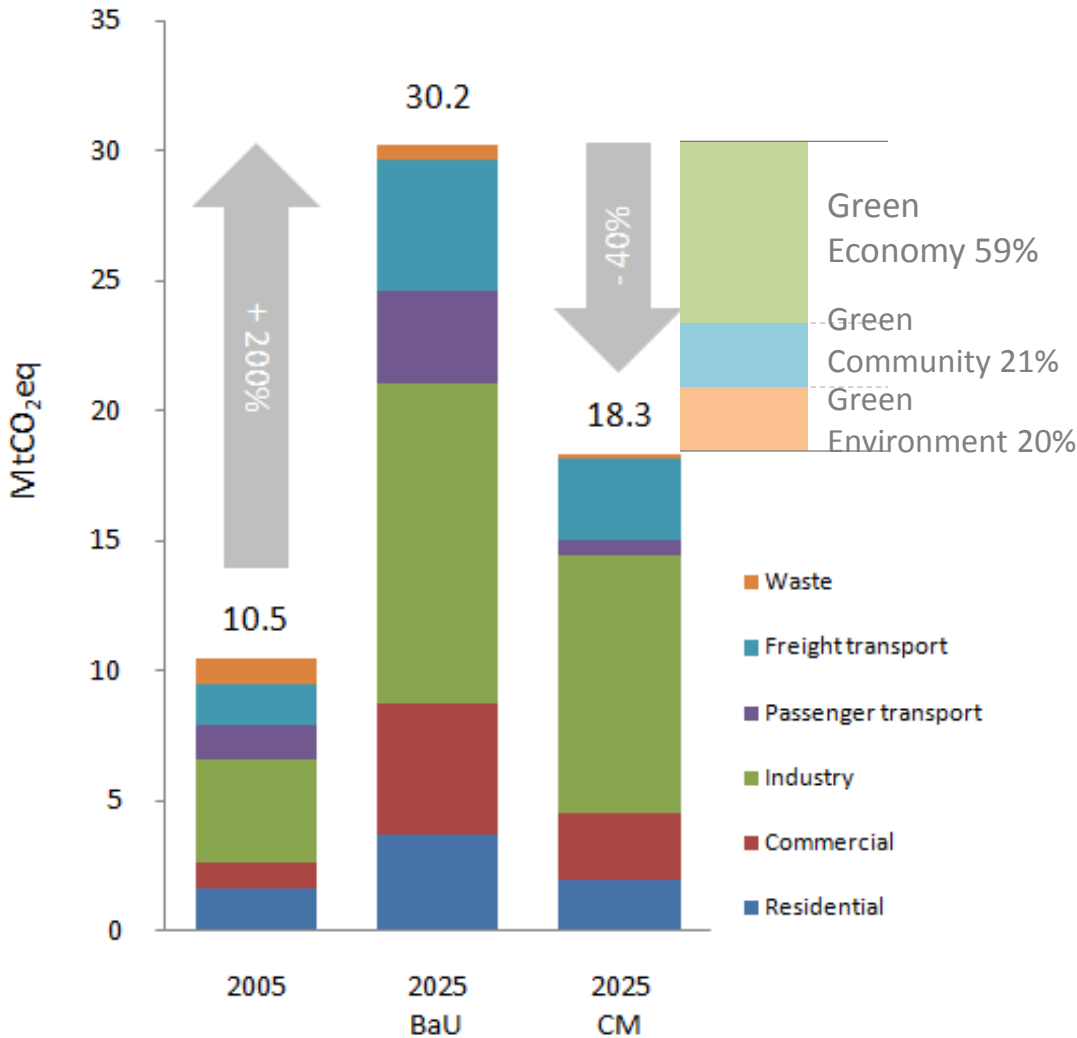
The 10th SATREPS progress meeting, Oct 12-14, NIES



Overall research procedure of our LC development approach



Research: AIM model apply to Iskandar Malaysia Region to identify Potential Mitigation Options



Mitigation Options

Green Economy

- Action 1 Integrated Green Transportation
- Action 2 Green Industry
- Action 3 Low Carbon Urban Governance**
- Action 4 Green Building and Construction
- Action 5 Green Energy System and Renewable Energy

Green Community

- Action 6 Low Carbon Lifestyle
- Action 7 Community Engagement and Consensus Building**

Green Environment

- Action 8 Walkable, Safe and Livable City Design
- Action 9 Smart Urban Growth
- Action 10 Green and Blue Infrastructure and Rural Resources
- Action 11 Sustainable Waste Management
- Action 12 Clean Air Environment**

Total

Field Visit to Education Activities in Japan towards LCS (Sep 2012)



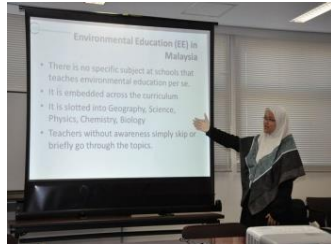
Ministry of the Environment
Japan



Expert Workshop with MEXT, JST



Visit UNESCO school in Tama city,
Tokyo



Exchange with
education board in Tama
city, Tokyo



Role of Education in Community in Shinjuku



Visit Miyako Ecology Center (Exhibition and
Volunteer Training Space) in Kyoto



Eco education in nursery in
Kyoto city



Join Eco Life Challenge Lesson in
Kyoto primary school



Action 6: Low Carbon Lifestyle

1. Energy service demand reduction
2. EEI (Transportation sector)
3. EEI (Residential and commercial sectors)
4. EEI (Government and commercial sectors)
5. Household waste reduction/recycling

6.1 Awareness and Education

6.1.1 Enhancing general public awareness

1. Freely available green education catalogue in shopping centres
2. Awareness programs for community

6.1.2 Enhancing school awareness

1. LCS education through curriculum
2. School clubs for LCS & 3R programs
3. Children eco-life challenges project
4. Interschool 3R project competitions
5. 3R measures at schools
6. LCS measures at schools
7. Collaboration with relevant government agencies & NGOs
8. Students to collect & sale reusable & recyclable wastes from home & neighbourhood

6.2 Smart Working Style

6.2.1 Work From Home

1. 'Work-from-home' pilot project for government agencies
2. Promote private SOHO development in IM
3. Encourage tele-working / telecommuting among private sectors employees

6.2.2 Staggered working hour

1. Promote adoption of flexi working hours in suitable sectors

6.3 Green ambassadors/champions

6.3.1 Appoint individuals as neighbourhood, community, organisation green ambassadors/champions

1. On going monitoring of neighbourhood, company, organisation green initiatives
2. Annual green neighbourhood, company, organisation competitions
3. Appoint community level leadership

6.3.2 Appoint ambassadors/champions in schools

1. Green Ambassador among students
2. Champion in school among school management team

6.4 Promote energy efficiency

6.4.1 Promote Sales and use of energy efficient appliances

1. Eco point

6.4.2 Promote energy saving practices

1. 'Cool Biz'
2. Environmental Consierge

6.4.3 Incentives for green energy initiatives

1. Incentives for green energy initiatives

6.5 Environmental accounting and Carbon offset

6.5.1 Environmental accounting

1. Development of accounting system
2. Disclose information of environmental accounting

6.5.2 Carbon offset

1. Development of carbon offset tool
2. Carbon trade

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

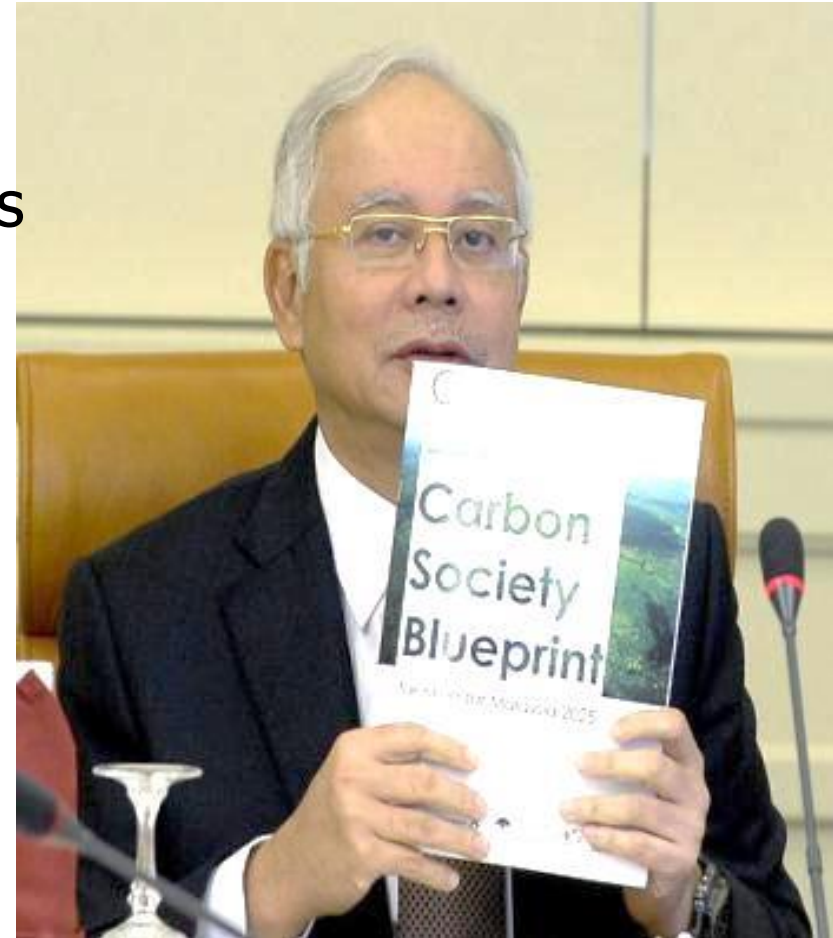
Japanese experience on
Low Carbon Scenarios & Roadmaps

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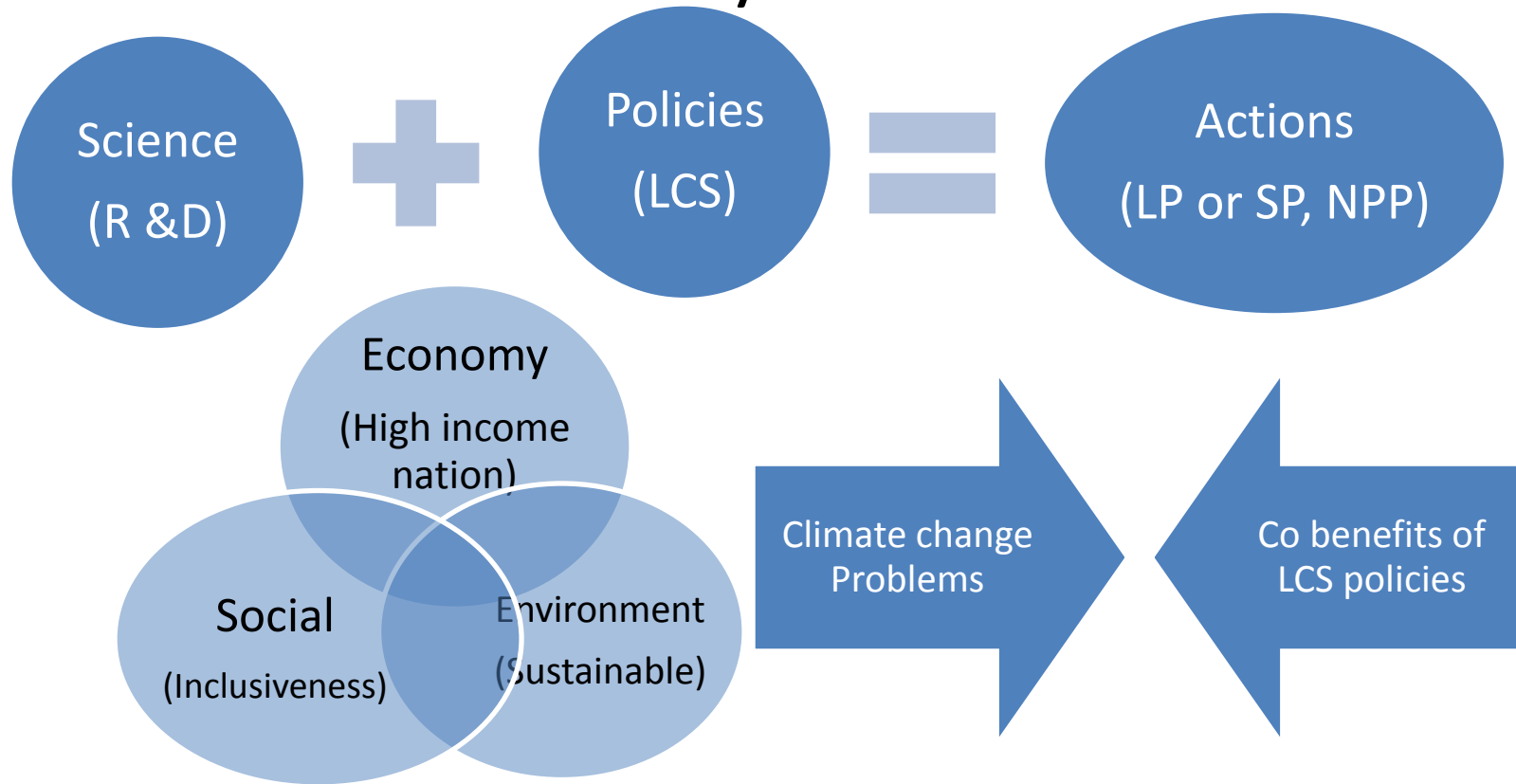
Malaysian challenge on
Implementation of Low Carbon Visions



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



Malaysian context



Quantification from LCS modeling assist better understanding on impact of proposed actions, sub actions and programs.

Good baseline study, consensus building & Low carbon blueprint plan will help to develop an integrated climate resilient , Low carbon framework for a rapid urbanised city or region.

Inclined to focus on co- benefits of LCS policies

Research to Policy: Policymakers launch LCS implementation plan based on scientific scenario study using AIM model

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
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		



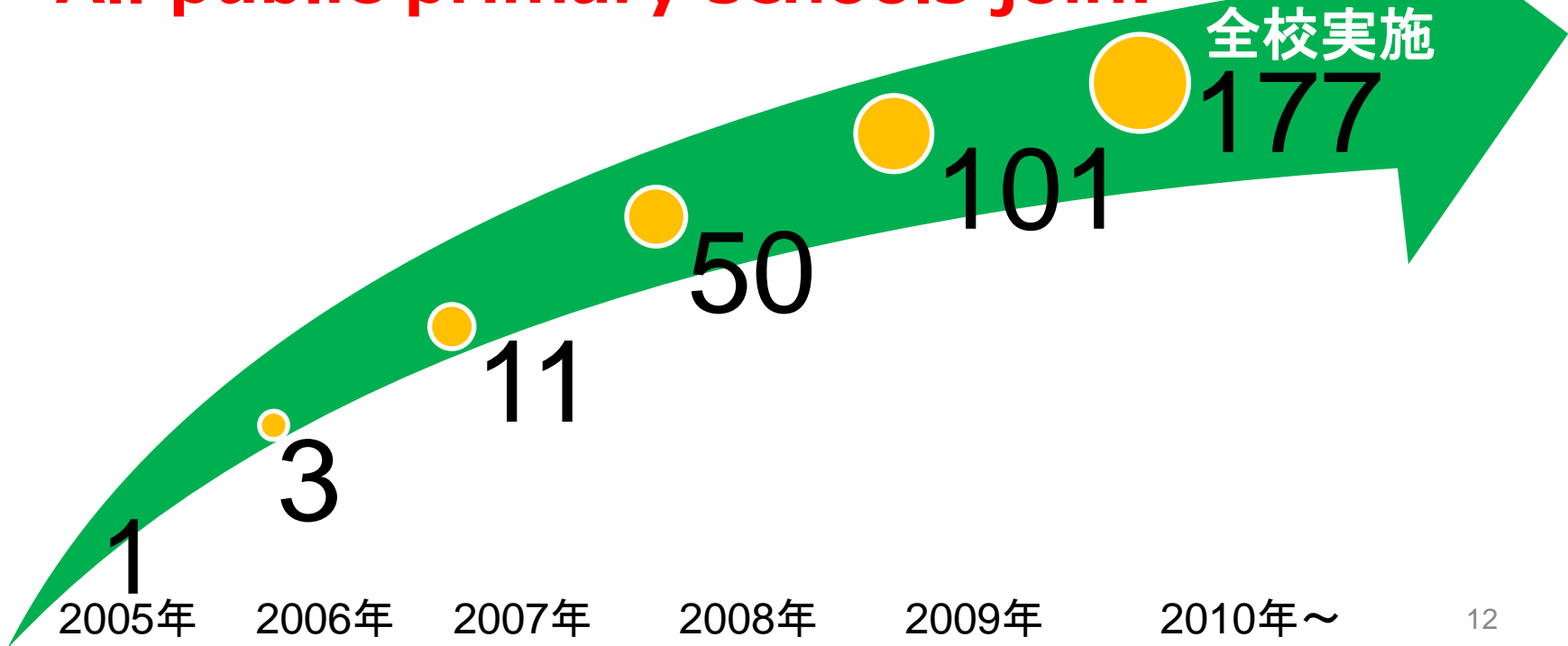
The LCSBPIM Actions for Low carbon Future is a implementation report. This plan select 10 priority projects from a total of 281 programs to be implemented for the 2011-2015. Apart from Triple Base line actions, 3 special projects are also identified- Bkt batu EcO-Community, LC Village FELDA Taib Andak and Pasir gudang Nafas baru

こどもエコライフチャレンジの経緯 History of Eco Life Challenge

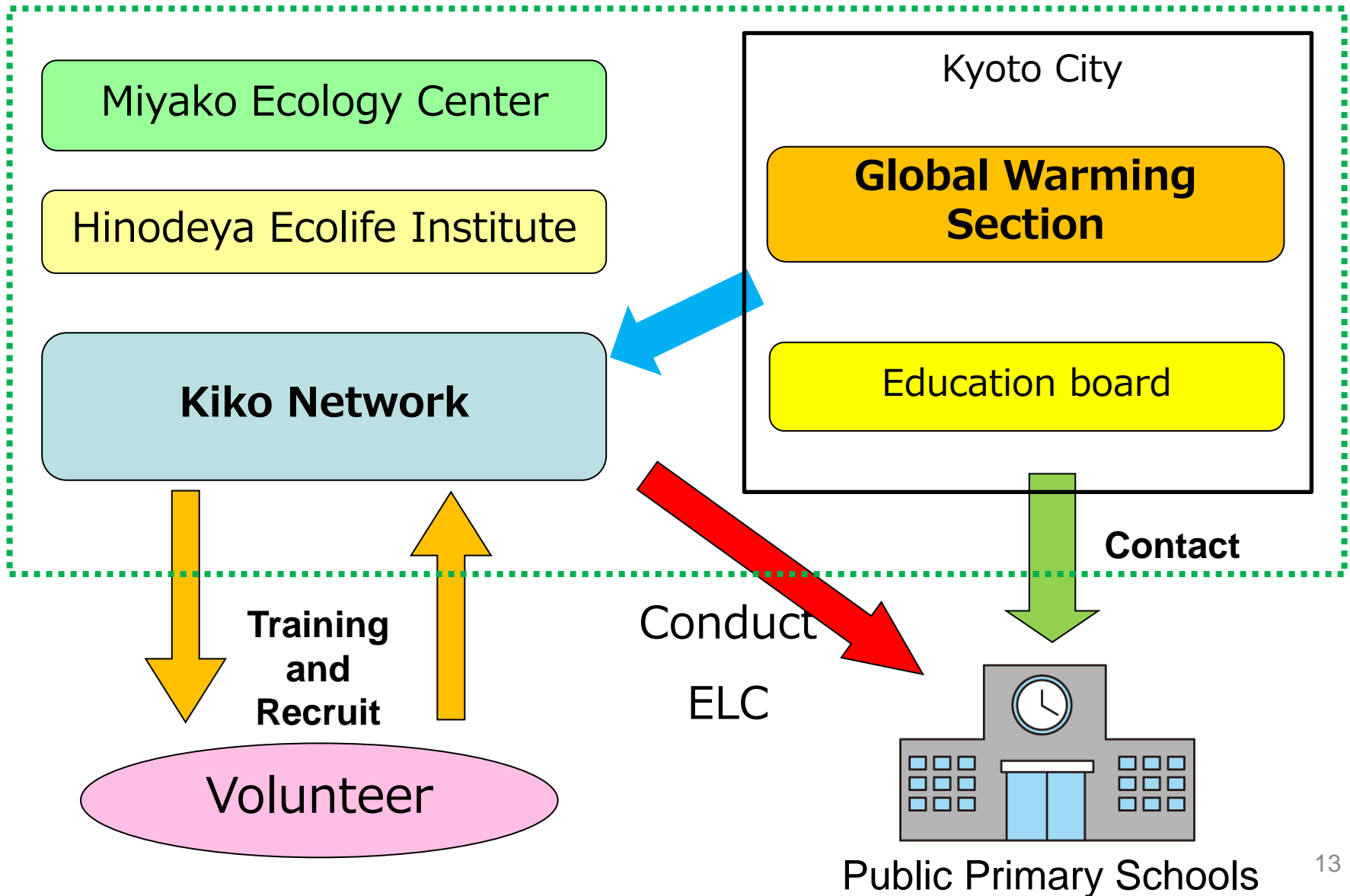
● 2005年度より協働でスタート

- 京都青年会議所との協働事業として、小学校で地球温暖化・エコライフについての学習会を開催。

● 2010年から京都市との協働で全校実施へ！ All public primary schools join!



Organizations in Kyoto for ELC



Workbook for pupils

子ども版環境家計簿

こども エコライフ チャレンジ

ワークブック

京都市立 _____ 小学校 _____ 年 _____ 組
 ふりがな _____
 名前： _____

ステップ2 えらぶ

○ あなたやおうちの人が飲んだものは、何に入っているかな？

◆ あなたやおうちの人が飲んだものは、何に入っていたかな？書いてみよう。

■ 入れ物にはこんなものがあるよ。

やかん、ゆのみ
 さいとう

かん
 紙パック

リユースびん
 びん

ペットボトル

何を飲んだかな？	何に入っていたかな？
例：牛乳	例：紙パック
例：ビール	例：かん

◆ ようき容器が作られてから、はこ運ばれて、す捨てられるまでで、いちばんCO₂を出す量が小さいものはどれ？

さいとう
1位

リユースびん
2位

紙パック
3位

ペットボトル
4位

かん
5位

びん
6位

(100回使用の場合) (20回使用の場合)

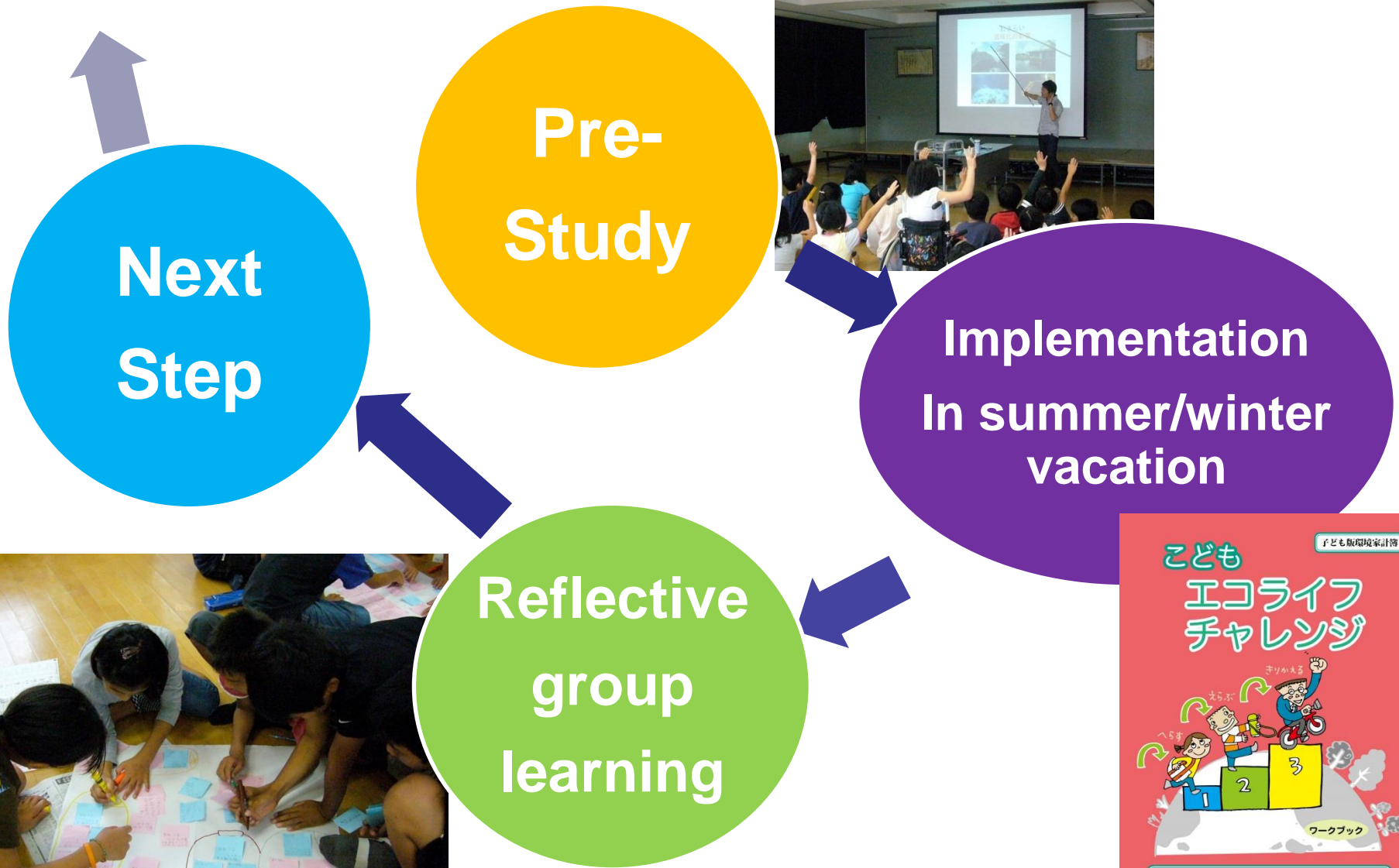
リユースびんとは、洗って返すと何度もくり返し使えるびんのこと。容器を作るとき、原料を外国から運んできたり、高い熱でとかしたりするから、多くのエネルギーが使われてCO₂が出るんだ。だからリサイクルよりも、何度も使う方が環境に優しいよ。
リターナブルびん とよぶこともあるよ。

◆ 調べてわかったこと、気づいたこと、なぜかなと思ったことを書いておこう。

リユース容器に入った商品を選び、使い終わったらお店に持って行くようにすると、1ヶ月で減らせるCO₂は45Lこみ袋9個分だよ。

9

Learning Process



Analysis of the factors enabling implementation in all schools in Kyoto

(1) Leadership and its transfer

- enthusiastic leadership of Kyoto JCI (Junior Chamber International)
- transition of leadership to the Mayor of Kyoto City with its organizational capability was the key to achieving implementation in all the schools.

(2) Ability to create and modify education programs

- Children's Eco-Life Challenge was being implemented in more or less the same format as today (pre-study, implementation, reflective learning session) since the beginning in the year of 2005.
- The strong program development capability of Kiko Network and Hinodeya Eco-Life Institute which were involved in the environmental housekeeping book system

(3) Systems to foster facilitators and volunteers to conduct the program

- Children's Eco-Life Challenge is implemented in schools with one or two facilitators and two to five volunteers.
- More than ten facilitators and more than 80 volunteers are required.
- Miyako Ecology Center conducts training volunteers over three years, and the staff of the Kyoto Center for Climate Actions and so on.

Analysis of the factors enabling implementation in all schools in Kyoto

(4) Involvement of key stakeholders in the education sector

- Since Kyoto City Board of Education has the most influence over elementary schools, its involvement made it possible to implement the program at all schools. With participation in the Association of Principals, the program would only have spread to schools whose principals took an interest. The election of former superintendent of education, Mr. Kadokawa, as mayor had a significant impact. In addition, the program itself evolved into something that fitted well in a school setting, making it more acceptable to the teachers at the schools.

(5) Relationships among key stakeholders and the presence of coordinators

- The fact that the local government and NGOs in Kyoto had a long-standing partnership based on trust was another important point. The relationship of trust was reinforced when the members of Kyoto JCI visited Kyoto City Hall in late April 2005 and the local government introduced Kiko Network and Hinodeya Eco-Life Institute and contracted the project to these NGOs.

Field Visit to Education Activities in Japan towards LCS (Sep 2012)



Join Eco Life
Challenge Lesson
in Kyoto primary
school

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」



「こ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)

温暖化防止へ期待

ごみ削減、節電 地域や家庭で実践

京都市の小学生が環境保護に取り組み教育プログラム「こどもエコライフチャレンジ」が初めて海外で採用され、年内にマレーシアで行われる。プログラムを考案した京都のNPO法人などは「世界規模で地球温暖化防止を目指す新たなチャンス」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

び地域や家庭で実践する内容で、現在は市内の全小学校168校で実施している。

採用するのは、マレーシア・イスカンダル開発地域。環境保護と両立した経済発展を目指し、25年までに約40%の温室効果ガス削減を目標に掲げる。担当者が昨年9月に京都市や北九州市の環境施策を視察し、「京都での環境対策の積み重ねを生かしたい」と採用を決めた。

イスカンダル地域の担当者らがこのほど、京都を訪れ、NPO法人職員らと懇談。同地域のイスマ・アスワンさん(41)は「環境にやさしい一流のまちを形成するきっかけにした」と話していた。

(岸慶太)

Academia:
Universiti Teknologi Malaysia

UTM

Workbook
Evaluation

Teacher
Training



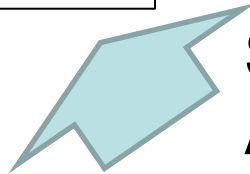
**Primary schools
In Iskandar Malaysia**

Coordinating
Budget

IRDA

Implementer:
Iskandar Regional
Development Authority

School
Arrangement



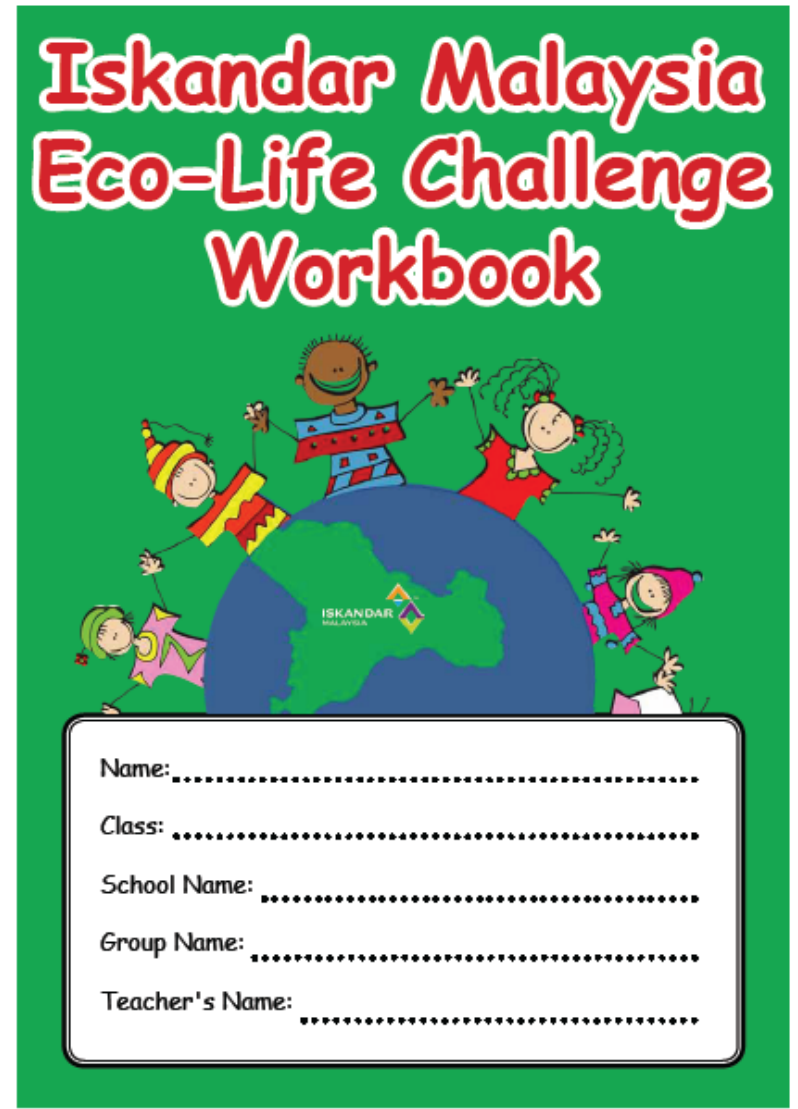
JPNJ

Educator:
Johor State
Department of Education

Iskandar Malaysia Ecolife Challenge

2013

- Workbook designed by UTM
- 23 schools (2800 Y6 students)
- 1 months to complete individually & groups (October 2013)
- Final presentation
- No of workbooks distributed – 3790
- No of workbooks returned – 1807
- Return rate – 47.68%
- Low rate because low awareness among teachers and lack of monitoring at the district level.



Iskandar Malaysia Ecolife Challenge 2013



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	0.20
17	Discuss with your family about environmental issues.	1.67	2.52	0.85

Blog of Kyoto City Mayor, Mr. Daisaku Kadokawa

【マレーシア版「こどもエコライフチャレンジ」参加者の皆さんがお越しくださいました】



京都市の小学生向け環境教育プログラム「こどもエコライフチャレンジ」。このたび、マレーシアにおいて、本プログラムを元にした「マレーシア版こどもエコライフチャレンジ」が開発されました。

今日は、「マレーシア版こどもエコライフチャレンジ」に取り組まれているジョホール州イスカンダル開発地域の小学生の皆さんと、マレーシア・イスカンダル地域開発庁 イズマ・アズワン副長官、国立環境研究所 藤野主任研究員らがお越しくださいました。

Welcome winners of Iskandar Malaysia Eco Life Challenge 2013
on Dec 2013 in Kyoto City Hall



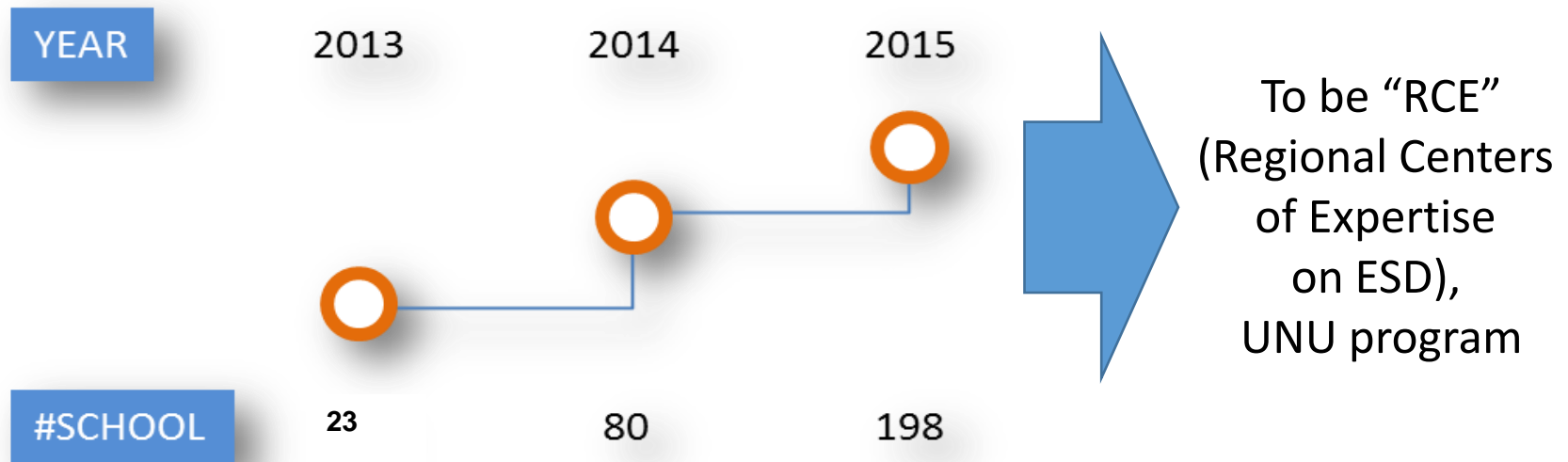
🏠 トップページ
HOME

📅 活動日記
BLOG

📄 政策・マニフェスト
POLICY

📷 プロフィール
PROFILE

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



- 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 in Iskandar Malaysia.

Blog of Kyoto City Mayor, Mr. Daisaku Kadokawa

【マレーシアの学校で京都の小学生教育環境プログラムの実践が大きく広がっています
ジョホール州イスカンダル開発地域訪問団の皆さんがご来庁】



Prof. Ho, Mr. Isma, Mr. Jalil, Mr. Razif, Ms. Aerma
visited the Mayor Kadokawa on Aug 2014



Eco-partnership between Kyoto city and JB Mentioned by Mayor Kadokawa

マレーシア・イスカンダル地域開発庁 アズワン副長官、マレーシア工科大学 シオン教授、ジョホールバル市の代表をはじめとする方々がお越しくださいました。国立環境研究所の藤野研究員らもご一緒。

当地では、環境保全と経済成長の両立を目指す取組を推進しておられます。

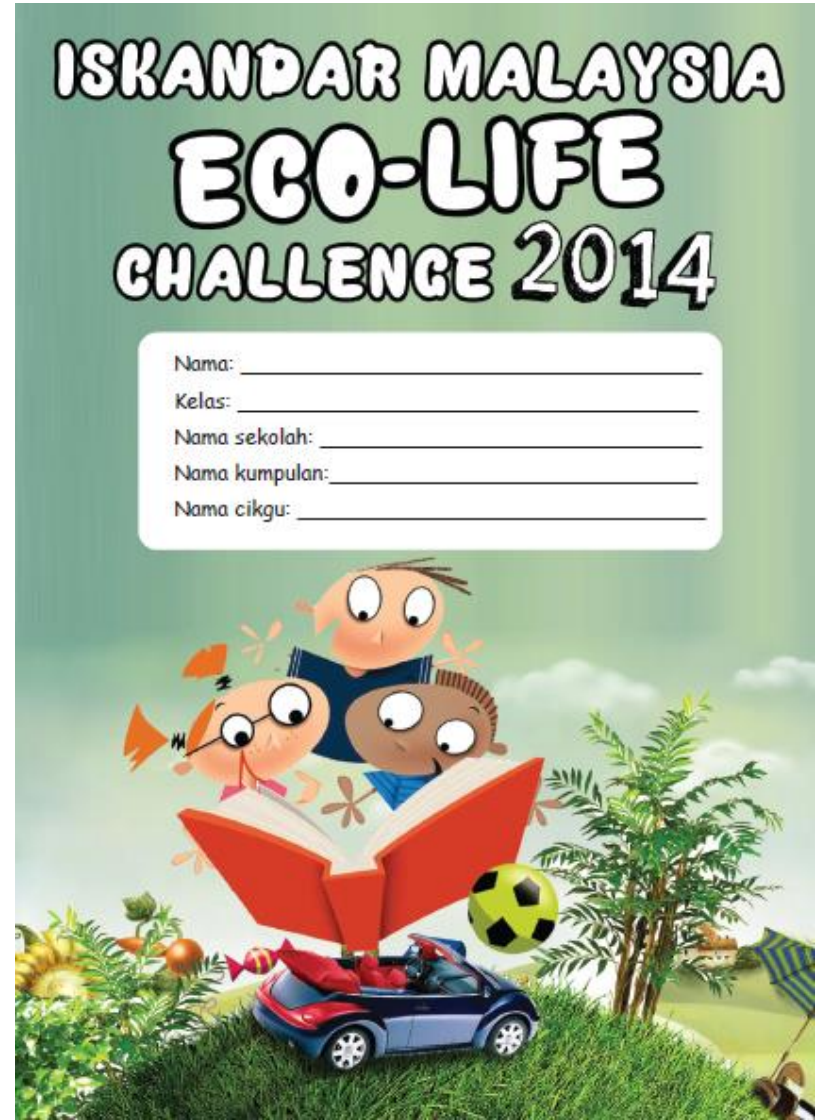
その一環として、京都市の小学生教育環境プログラムを基に、マレーシア版「こどもエコライフチャレンジ」を開発。現在、ジョホールバル市の小学校80校で実施され、来年には全198校に広がります。6月には、同市主催の国際会議に、京都市の松浦課長が招聘を受け、地球温暖化対策について講演するなど、全面的に協力しているところ。「DO YOU KYOTO?」が広がっています。

また、同市から環境問題について、パートナーシティ締結の申し入れがあり、相互で検討することとなりました。

これからも「DO YOU KYOTO?」を合言葉に、実践を重ね世界中へ発信していきます。

ISKANDAR Malaysia Ecolife Challenge 2014

- Workbook designed by UTM in Malay
- 80 schools (15623 Y6 students)
- 1 months to complete individually & groups (October 2014)
- Final presentation for 15 schools – 10 Nov 2014
- Judges from Malaysia & Japan



Briefing to Principals

15 Sep 2014 @ Iskandar Malaysia Information Centre (IMIC)



Briefing to Teachers

24 Sep 2014 @ Ar-Razi Auditorium, T02, Faculty Bioscience and Medical Engineering (FBME), UTM



STREETS JOHOR **YOUR STORY**

Carbon Fighters win Kyoto trip

YOUNG MODELS: SK Kempas primary school is winner of the second Iskandar Malaysia Eco Life Challenge

PEGGY LOH
KUALA LUMPUR
streets@nst.com.my

THE team from SK Kempas primary school came out tops in the grand finals of the second Iskandar Malaysia Eco Life Challenge after beating 14 other schools in Iskandar Malaysia, on Nov 10.

Calling themselves Carbon Fighters, the team of five students and two teachers clinched a study trip to Kyoto, Japan.

SK (C) Masai was the runner up while SJK (C) Foon Yew 1 took third place.

The Iskandar Malaysia Eco Life Challenge is a student version of the energy household accounting scheme to help households record and evaluate energy usage such as electricity, water and gas, with the aim of reducing consumption to contribute towards a low carbon society (LCS).

Modelled after a Kyoto City programme based on the original works of Kiko Network, a Kyoto-

based non governmental organisation (NGO), the Malaysian version is a joint development by University Teknologi Malaysia, Johor State Education Department, Kiko Network, Japanese National Institute for Environmental Studies and Iskandar Regional Development Authority (Irda).

Kyoto is a natural destination for the winners' study trip as it was the birthplace of the Kyoto Protocol, the world's first international agreement on the reduction of greenhouse gases.

The visit to Kyoto will let the students observe and experience the Kyoto lifestyle as their citizens are exemplary of an eco-sensitive society.

As the students bridge the concept and application, they will be convinced that the eco-lifestyle can be defined, measured and is attainable over time, and should return to share their knowledge with others.

Irda's vision to implement the Eco Life Challenge as an extra curriculum activity in all schools based in Iskandar Malaysia by next year is being realised as the schools are promoting activities and counter-measures to bad habits with the aim to develop an LCS, starting with the students.

Since the inaugural event last year, the schools which took part in this year's finals pulled out all the stops to impress the panel of judges with their presentations.

Armed with creative props made



Pupils and teachers from SK Kempas receive the top prize in the Eco Life Challenge from Irda chief executive Prof Datuk Ismail Ibrahim (fourth from left). Pix by Peggy Loh

of recycled materials, models of proposed eco-friendly townships, interesting presentations and articulate responses to the judges' questions, the winning teams deserved the merit.

The panel of judges must have been delighted to hear the SJK (C) Foon Yew 1 team's reply to a judge's question, that students understood the reasoning for adopting habits to live in a LCS and are motivated to become Eco Life Warriors like the judges.

Similarly, the team from SKJ (C) Masai sent a clear message in their presentation that "small changes make a big difference".

Guest judge Koichi Shiba of Kiko Network was particularly impressed with the slogan presented by the team from SKJ (C) Chew Min, Pontian, which reads: "Caring and sharing, Practice together, Do it together".

Shiba was at the event with City of Kyoto Global Environment Policy Office Environment Policy Bureau representative Takiyu Matsuura and the National Institute for Environmental Studies Ju-

nior Research Associate Maliko Suda.

Shiba and Matsuura observed that most of the school teams made good presentations and appeared to have a strong grasp of the subject.

They were pleased to share with their counterparts in Iskandar Malaysia the information and experience garnered since 2009 when Kyoto City made the commitment to become an LCS and was selected as the Kyoto Eco-Model City.

While the judges deliberated on the results, Matsuura made a brief presentation to share information on the Kyoto Eco-Model City experience with the audience while Suda translated with the English translation.

Using photos, charts and interesting visuals, his presentation helped to reinforce the students' understanding of what it means to develop an LCS.

As the information helped the audience to realign their thoughts and ideas for a unanimous commitment to adopt an eco lifestyle,

he emphasised that it is important to apply them in daily life.

"Iskandar Malaysia is your future," said Irda Social Development Division head Nor Hisham Hussein, as he challenged the students to adopt an eco lifestyle.

From their enthusiastic responses to his questions, the students were motivated to change and adopt better daily habits to save water and electricity at home and in school.

They were encouraged to change their attitudes and model them after the Japanese people, and to care for the environment.

The schools also took part in two other challenges for Recycling and Energy Saving. SK LKKP Pasir Raja was awarded the top prize of RM1,000 for collecting 419kg of recycled material, while SK Kota Masai 2 and SJK (C) Kulai Besar took second and third place, respectively.

SK Taman Damai Jaya was awarded the RM1,000 top prize while SK Bandar Pontian took second place, and SK Kempas came in third.



The team from SK Kota Masai 2 gives a step-by-step demonstration in making compost.



A well-researched PowerPoint presentation, a model of a building with eco-friendly features and effective presentation skills, helped the SK Kempas team win the Eco Life Challenge.

Final Presentation 10th Nov, 2014



UNESCO World Conference on ESD
(Education for Sustainable Development)
In Nagoya Japan on 10th Nov 2014

Japan International Cooperation
Agency (JICA)

独立行政法人 国際協力機構 (日本)



Low Carbon Society Blueprint
for Iskandar Malaysia 2025



Next step

Timeline

Oct 12-14, SATREPS progress meeting@Tsukuba

Nov 24-26, LoCARNet annual meeting@Bogor, Indonesia

Nov 4-7, Global RCE (Regional Centers of Expertise on ESD)
[Iskandar Malaysia as candidate]@Okayama

Dec 1-12, COP20@Peru

(Dec 11 at 16:45-18:15 , side event of NIES and UTM)

Jan 12-, Osaka-HCMC dialogue@HCMC

Feb 4-5, SATREPS progress meeting@Johor Bahru (JB)

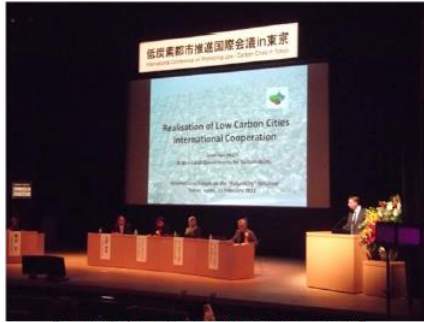
Feb 7, Iskandar Malaysia Sustainable and Low Carbon Schools
Exhibition 2015@JB

Feb 8, The first International Forum on the “FutureCity” Initiative
by Cabinet Secretariat@JB

Feb 9-10, The 6th High Level Seminar on Environmentally
Sustainable Cities by MOEJ@JB

International Forum on the “FutureCity” Initiative

by Regional Revitalization Office, Cabinet Secretariat, Government of Japan



【低炭素都市推進国際会議 in 東京】

The First Forum, Feb 21, 2012@Tokyo

10名の海外招聘者をはじめ、JICA主催の研修プログラムで参加されたアジア諸国等のオピニオンリーダー43名の他、国内参加者を含め、合計約600名の参加。

Prof. Ho and Mr. Boyd joined as experts of JICA FCI courses. Then 2-3 experts join continuously.



インドネシア環境省次官

The Second Forum, Feb 16, 2013
@Shimokawa, Hokkaido

坂本内閣府副大臣を始め、9名の海外招へい者、JICA主催の研修プログラムに参加したアジア諸国等のオピニオンリーダー39名、その他、国内参加者を含め、合計27か国、約300名の方々が参加。2月17日に森林サイドイベントを実施、藤野が鼎談のモデレーターを担当

Dato' Ismail joined “econmy” panel discussion

Dr. Zaleha (JPBD) joined “evaluation” panel discussion. The mayor of MBBJ joined at Asia Mayor Summit.



関口内閣府副大臣と国内外の招へい者

The Third Forum, Oct 19, 2013
@Kitakyushu

関口内閣府副大臣を始め、11名の海外招へい者、JICA主催の研修プログラムに参加したアジア諸国等のオピニオンリーダー51名、その他、国内参加者を含め、合計43の国と地域から、約400名の参加。藤野がポスターセッション担当。

The fourth forum will be held in Higashi-matsushima, Japan in 6th Dec 2014. Cabinet office organize the first form outside Japan in 8-9th Feb 2015 in JB, Malaysia.

The 6th High Level Seminar on Environmentally Sustainable Cities will be held in ***Johor Bahru on 9th and 10th Feb 2015*** (mainly sponsored by Ministry of the Environment Japan (MOEJ))



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

Let's work together!

Asia LCS



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