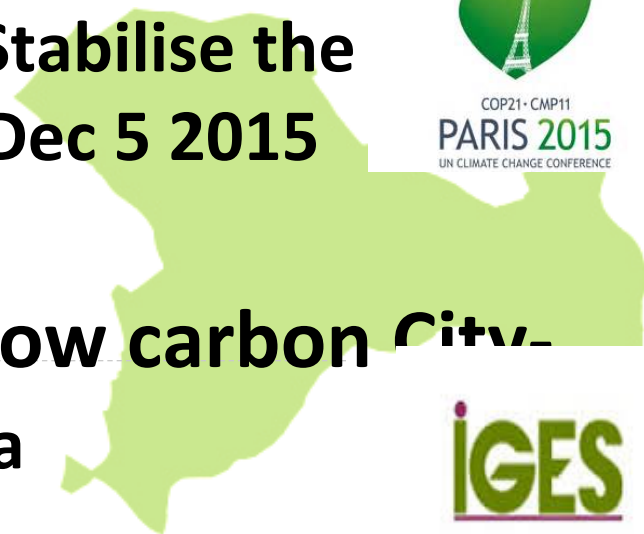


HOW DEEPLY CAN ASIA DECARBONISE?

Launching events on Enabling Asia to Stabilise the Climate at Japan Pavilion 1330-1500 Dec 5 2015



‘Science to Action of Sustainable Low carbon City-Region - The case of Iskandar Malaysia

Ho Chin Siong (UTM)

Faculty of Built environment/ UTM Low Carbon Asia Centre

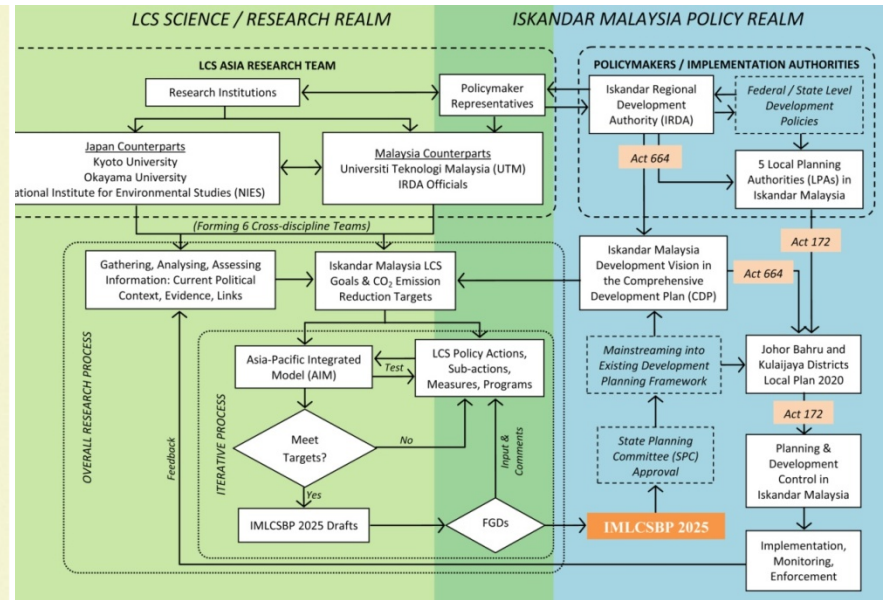
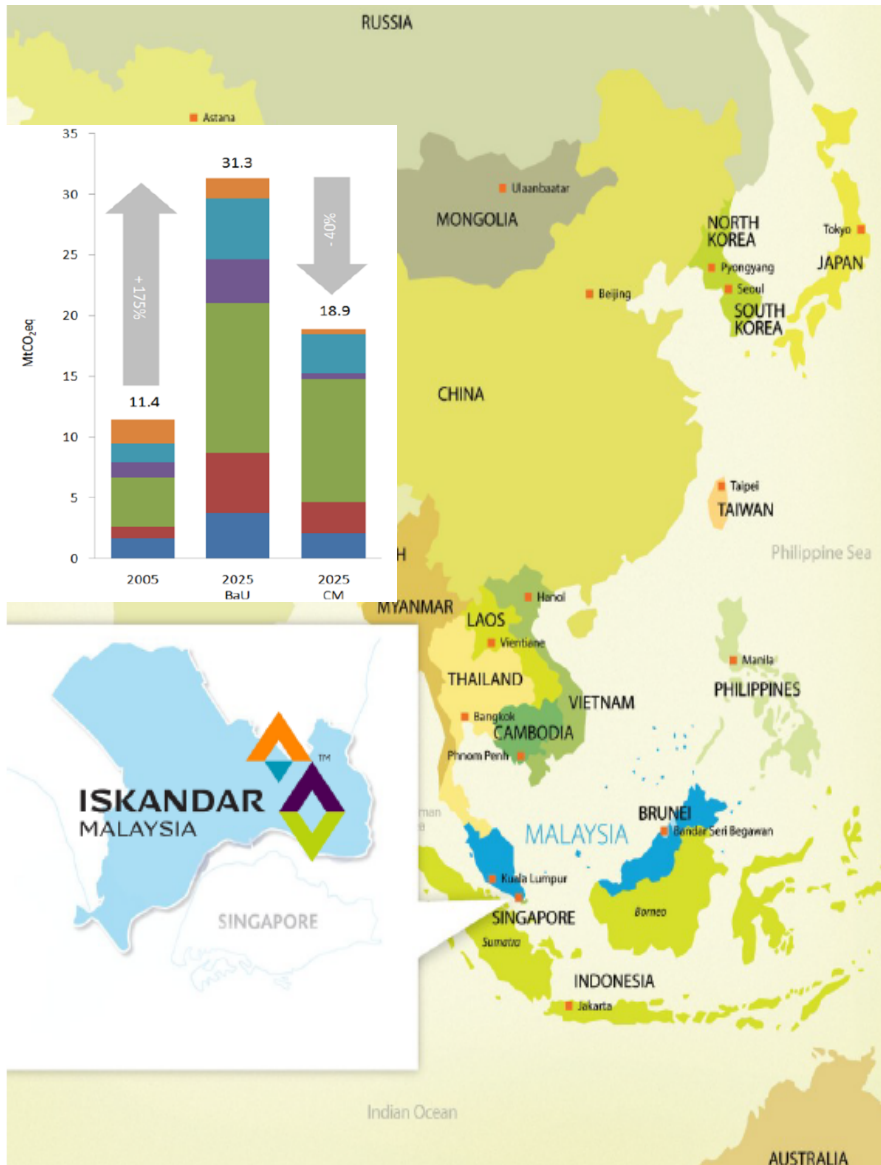


Project for Development of Low Carbon Society Scenarios for Asian Regions

Email: ho@utm.my / csho59@yahoo.com

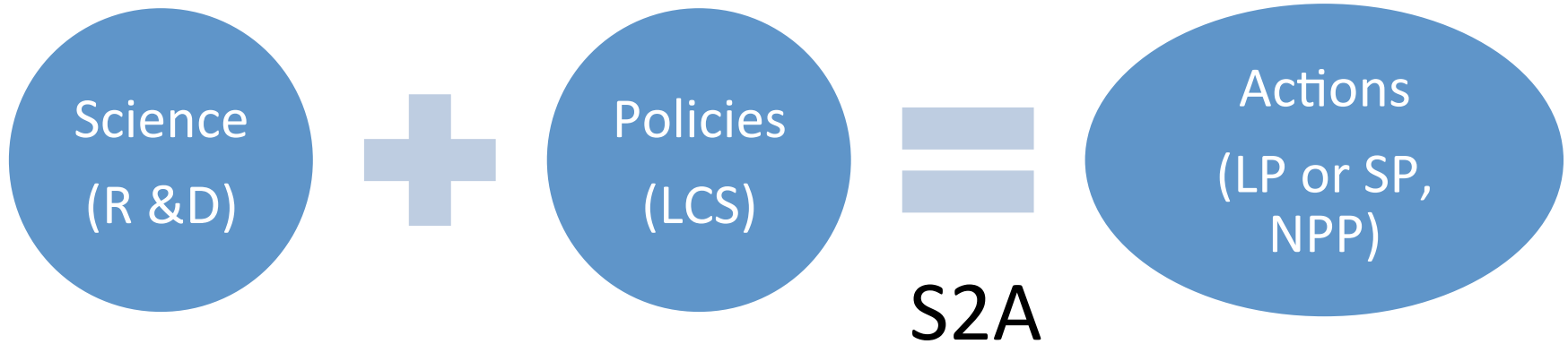
'Science-to-Action' of the Sustainable Low Carbon City-region

Chin Siong Ho, LW Chau, BTeh, Y Matsuoka and K.Gomi

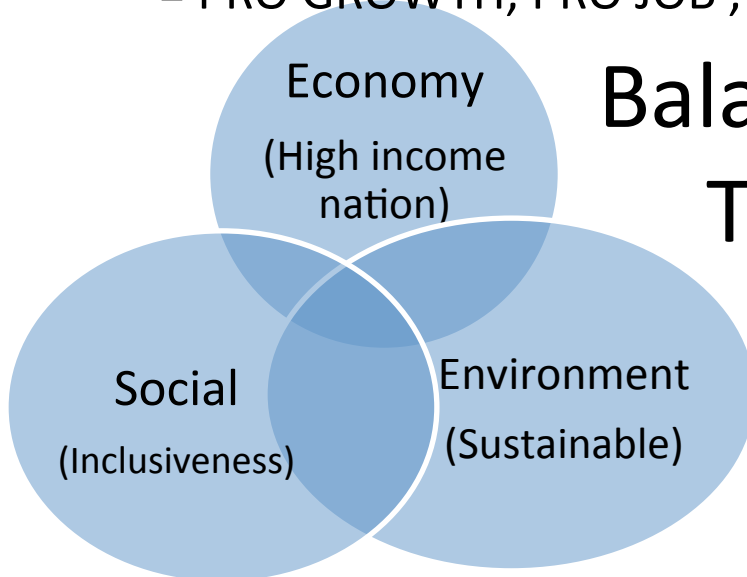


Mitigation Options	ktCO ₂	% Reduction
Green Economy	6,937	54%
Action 1 Integrated Green Transportation	1,916	15%
Action 2 Green Industry	1,094	9%
Action 3 Low Carbon Urban Governance**	-	-
Action 4 Green Building and Construction	1,203	9%
Action 5 Green Energy System and Renewable Energy	2,725	21%
Green Community	2,727	21%
Action 6 Low Carbon Lifestyle	2,727	21%
Action 7 Community Engagement and Consensus Building**	-	-
Green Environment	3,094	25%
Action 8 Walkable, Safe and Livable City Design	263	2%
Action 9 Smart Urban Growth	1,214	10%
Action 10 Green and Blue Infrastructure and Rural Resources	392	3%
Action 11 Sustainable Waste Management	1,224	10%
Action 12 Clean Air Environment**	-	-
Total	12,167**	40.00%

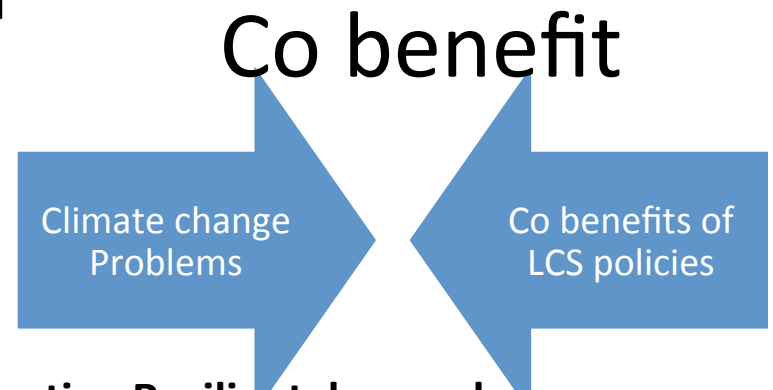
Sustainable development approach/ Climate Actions



Key element Sustainable development
= PRO GROWTH, PRO JOB , PRO POOR and PRO ENVIRONMENT



**Balanced
TBL**



Promoting Resilient, low carbon, resource efficient and socially inclusive development

Conclusion

1) LCS BP approach helps to **strengthen economic competitiveness and improve quality of life**, and its aspiration for **promoting green economic growth and greater sustainability**

2) Key Success Factors for LCS

a) **GOVERNMENT COMMITMENT – Target setting / Policy direction**

b) **GOOD PRACTICE and ACTION**

Integrated and multi disciplinary

science-knowledge-policy- implementation (completing PDCA cycle)

c) **METHODOLOGY**

Good baseline quantitative study, consensus building and low carbon blueprint plan will help to develop an integrated climate resilient , Low carbon framework for a city by providing objective decision.

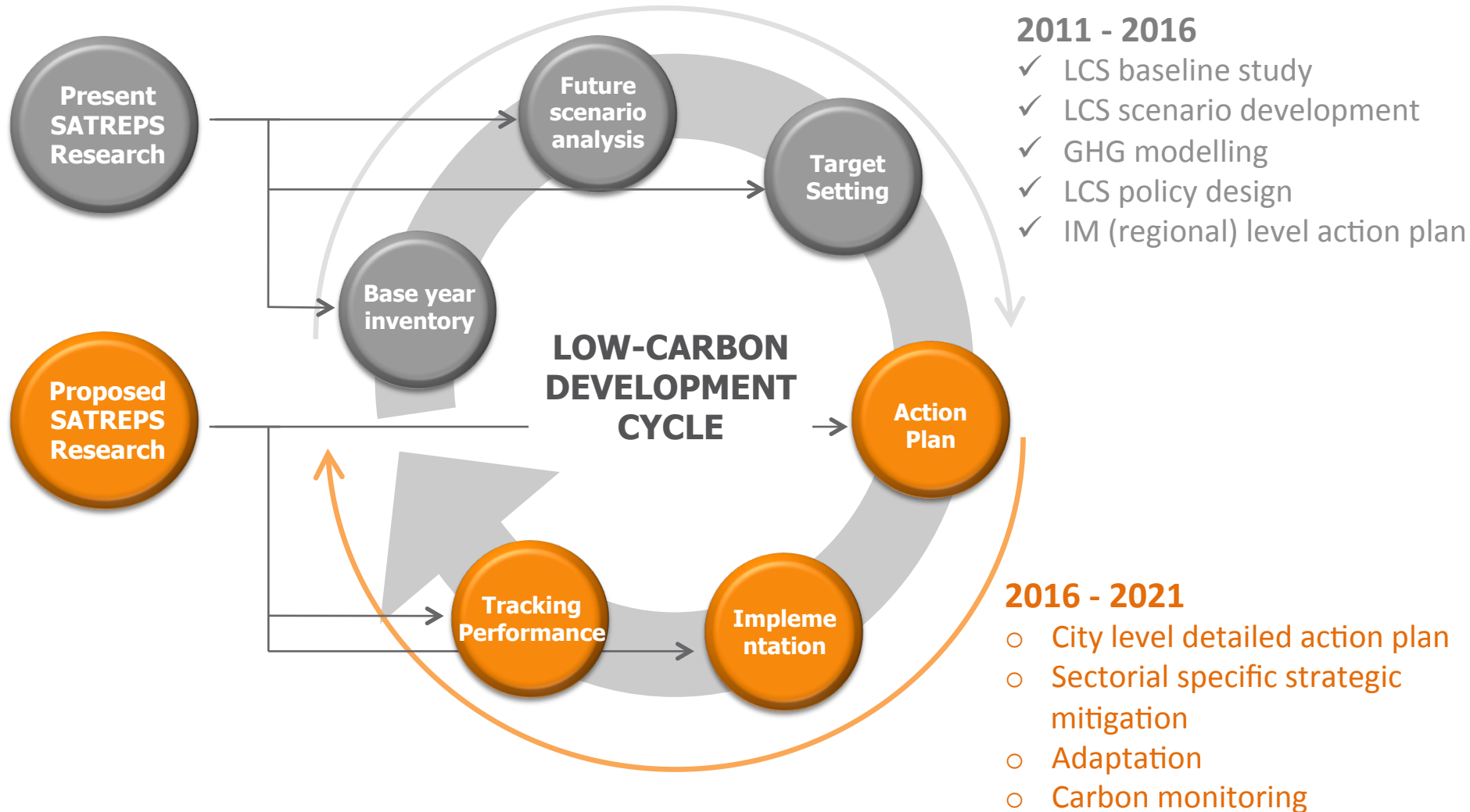
d) **MEDIA and BUY- IN**

Stakeholder participation (NGO, Business, School, Authorities) and news coverage

e) **NETWORK**

The researchers/scientists have to work with local implementation agencies and international collaboration for capacity building opportunities/ global benchmarking.

(The importance of Implementation and Monitoring)





Thank you for your attention!

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