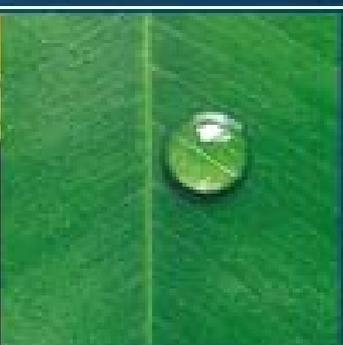
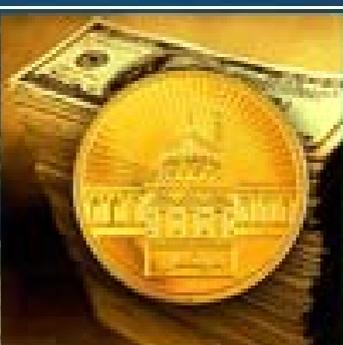
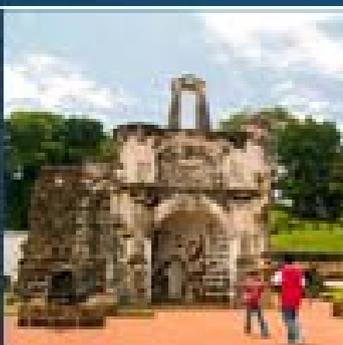
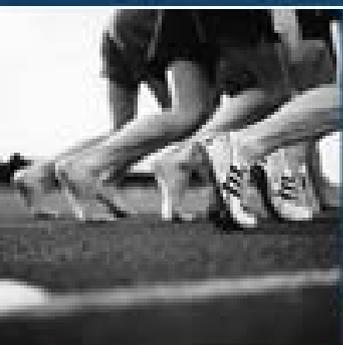


Isu dan cabaran dalam pelaksanaan Rancangan Malaysia dan cadangan penambahbaikan



Malaysia – A success story

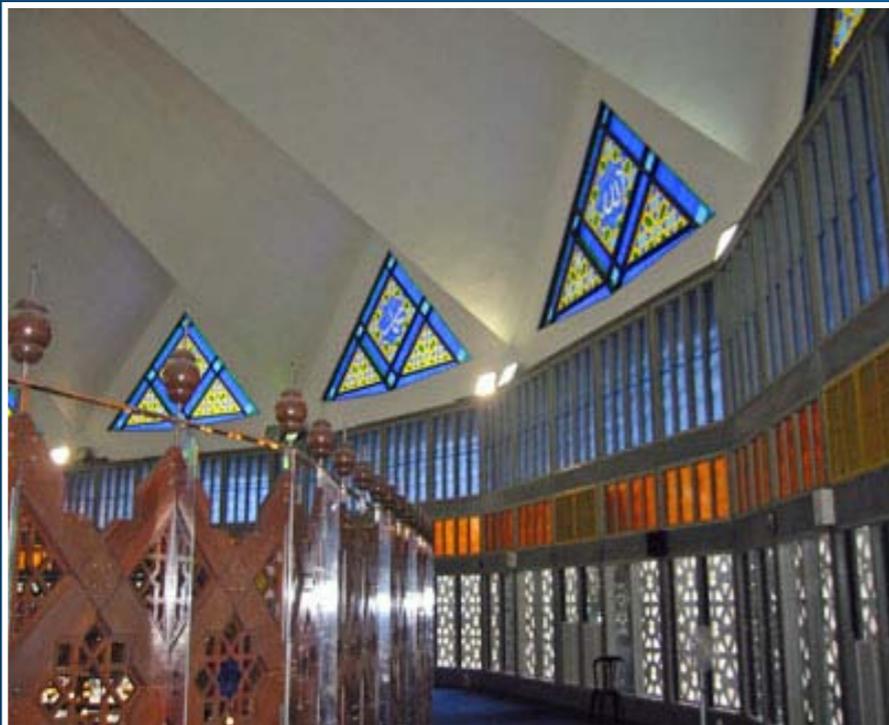


2 Rancangan Malaya

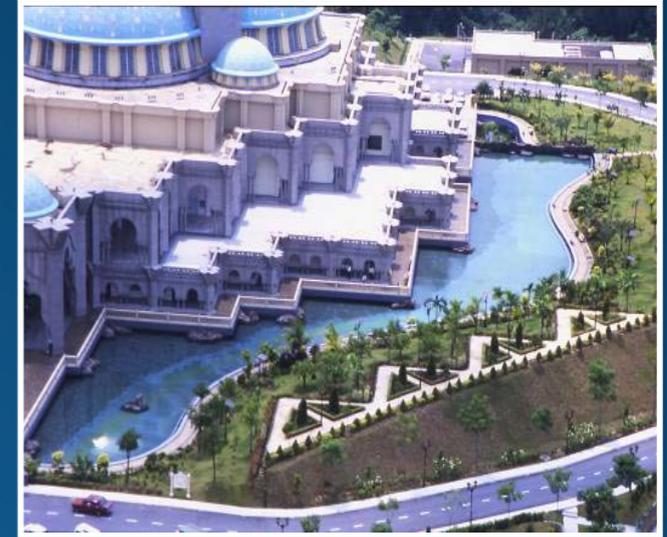
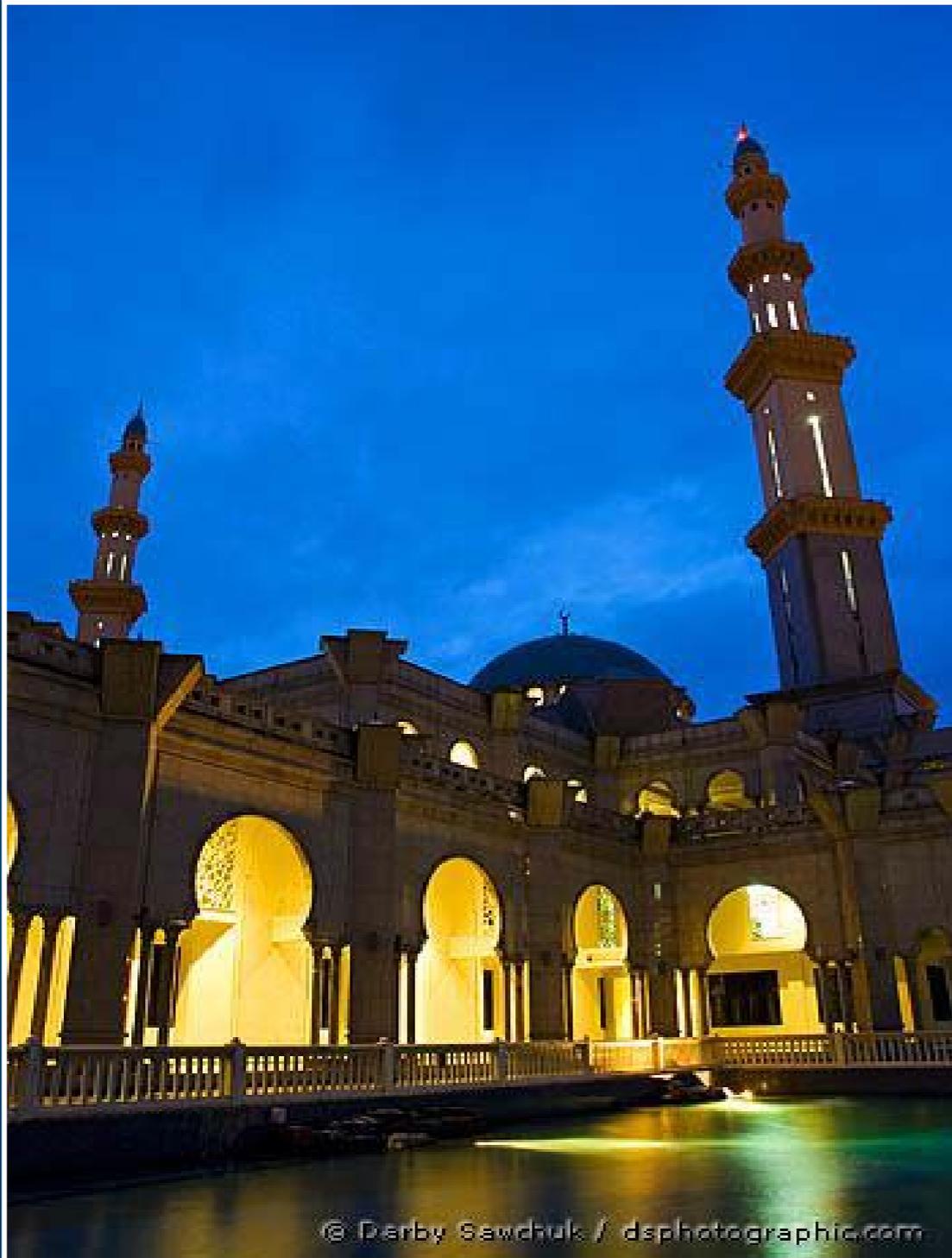
9 Rancangan Malaysia



Parliament Building (1963)



National Mosque (1965)



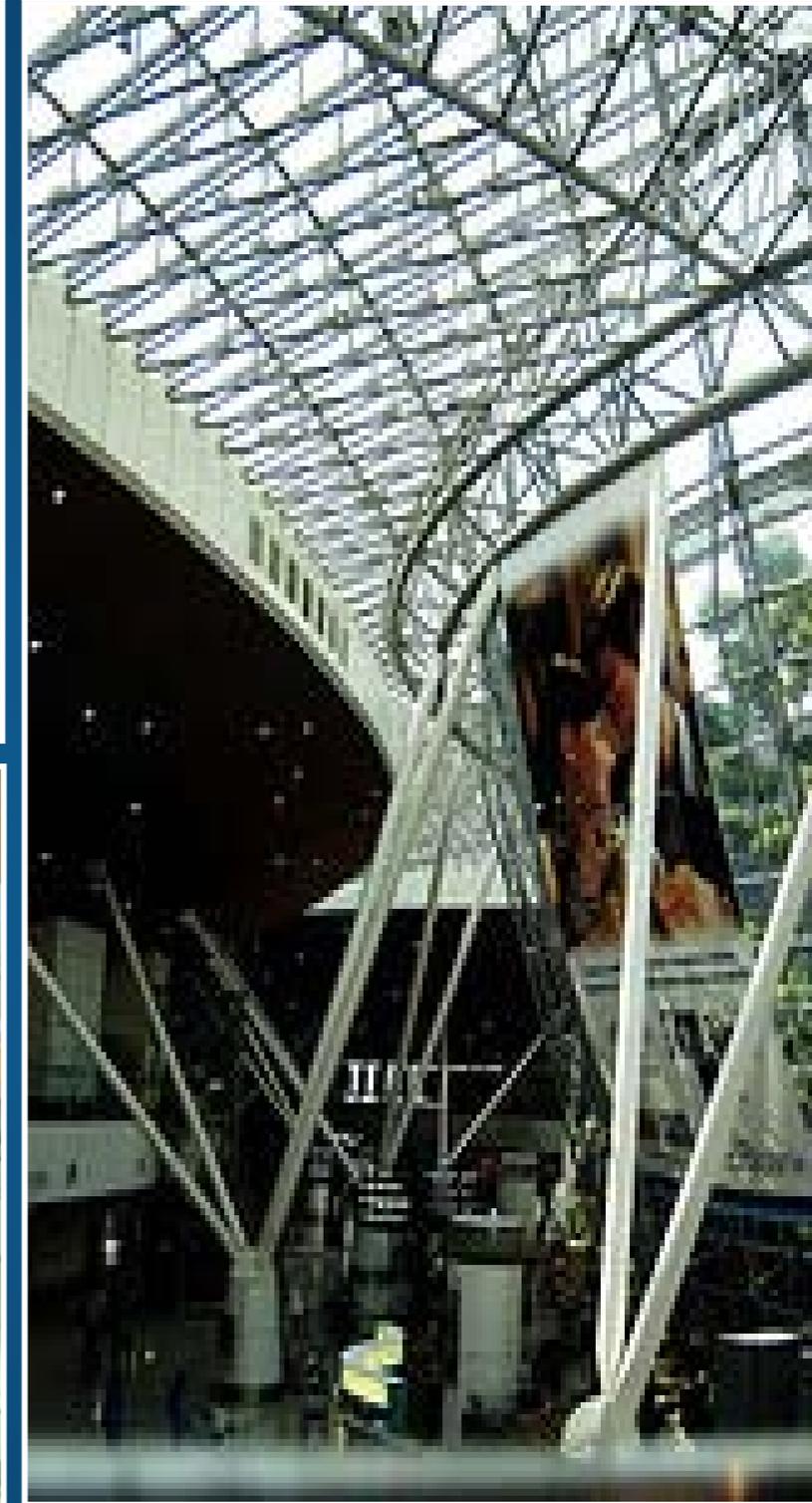
Federal Territory Mosque (2000)



Malaysia Trade Centre (2006)



Terengganu International Airport Terminal (2007)



Kuala Lumpur International Airport (1998)



SILK Kajang Interchange



Sayong Bridge

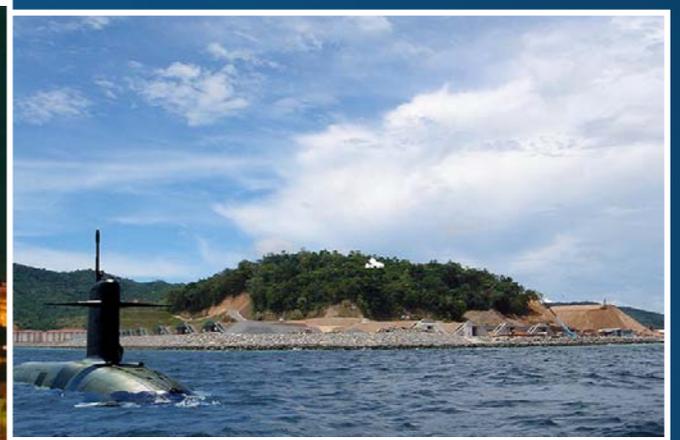


CIQ Complex, Johor (2007)



Submarine Bay, Sepangar Bay, Kota Kinablu, Sabah

We have progressed



What do we want?

Maximise value of investment



Competitive



Reference Model

Highly respected



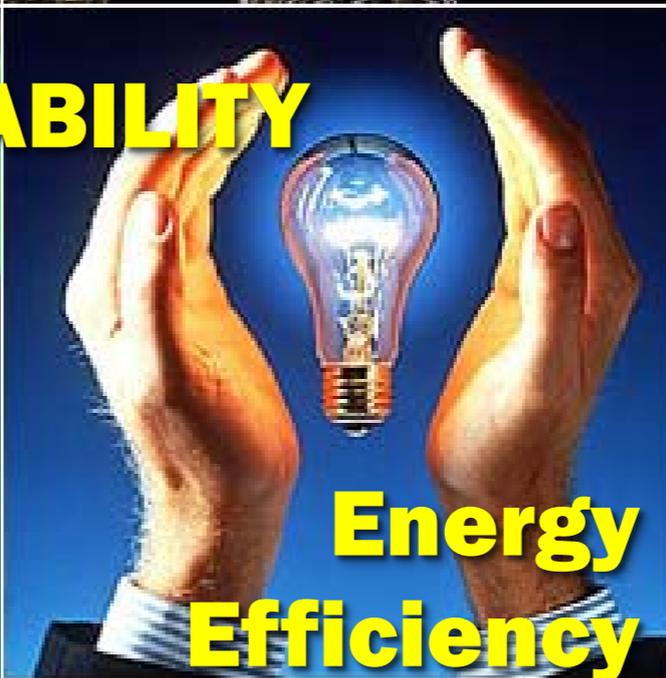
Quality



Tourism



Environmental friendly



Energy Efficiency



Safety

Issues, enablers and recommendations

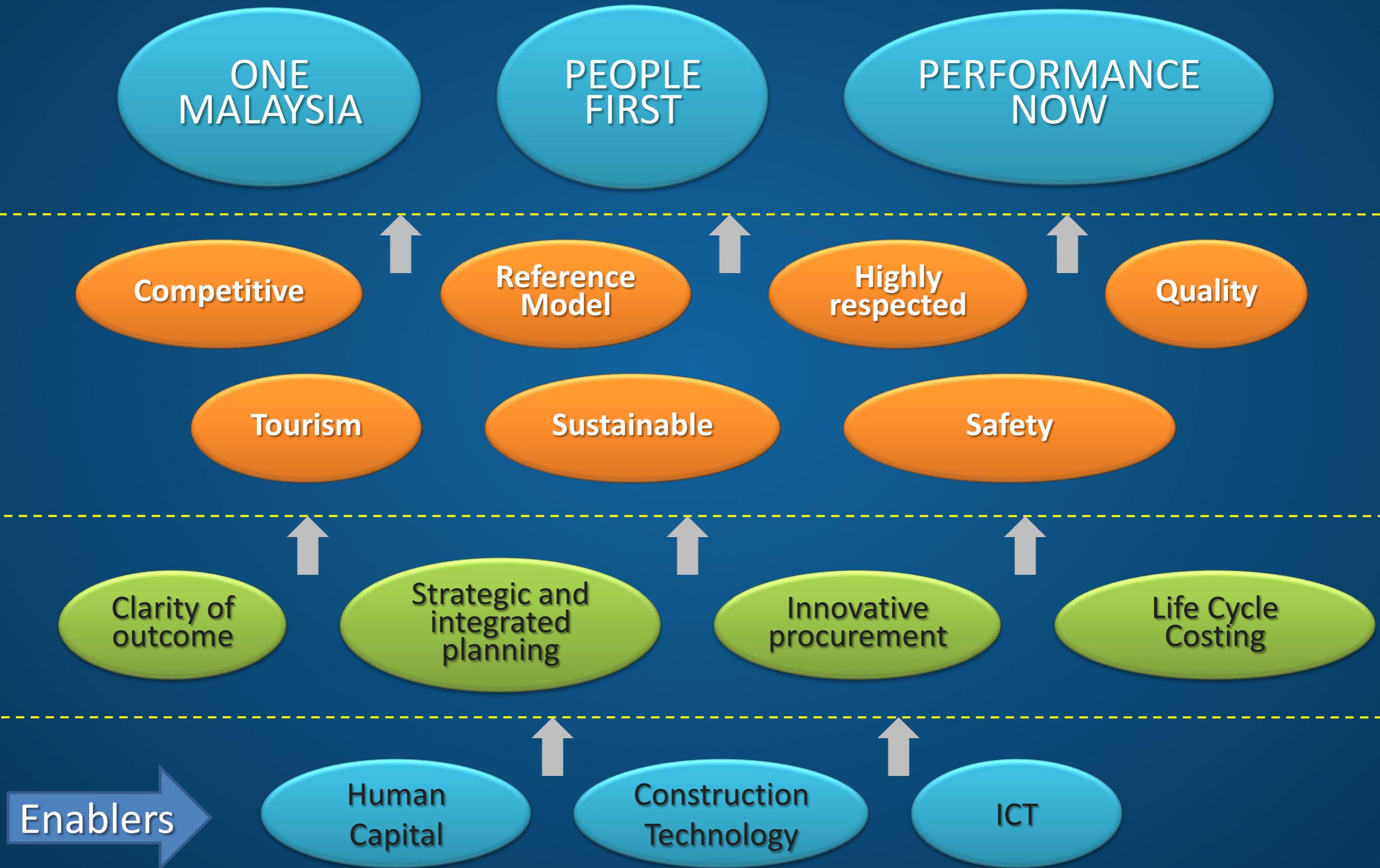
Issues

1. Clarity of outcomes
2. Strategic and integrated planning
3. Innovative Procurement
4. Life Cycle Costing

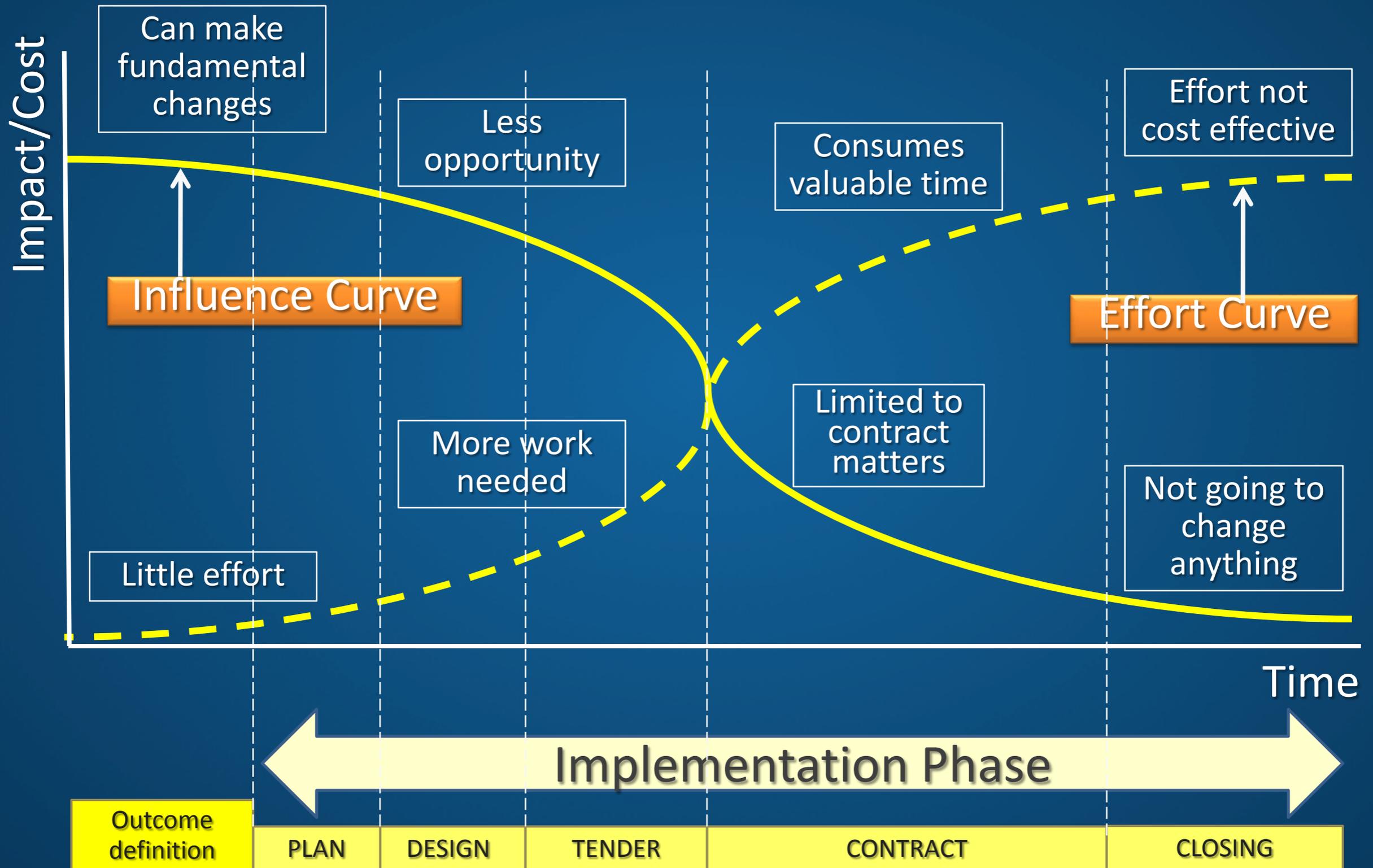
Enablers

1. Human capital development
2. Construction technology
3. ICT

Strategic map for improved project delivery in Malaysia Plans



Cost and Impact vs time



1. Clarity of Outcomes

	Issues	Recommendation
1	Outcomes versus Output	<ul style="list-style-type: none">➤ Rolling and Seamless planning➤ Outcome-based approach➤ Introduce project review process - Gerbang Nilai .<ul style="list-style-type: none">• Value at entry• Readiness to go to the next phase
2	Project alignment to National Physical Plan	
3	Competitive edge	
4	Alignment to stated policy - labor (e.g IBS), energy efficiency, etc	

1. Clarity of Outcomes... (continue)

	Issues	Recommendation
1	Integrated development	<p>➤ Integrated planning across agencies.</p> <ul style="list-style-type: none">• Integrating investment across organisational boundaries of programs and systems• Prioritisation of investment – political, technical, social and economic benefits• Sharing of resource• Optimisation of resources
2	Spinoff – timely cascaded essential industries	

2. Planning

	Issues	Recommendation
1	Client versus vendor driven projects	➤ Value at entry ➤ Utilize Gerbang Nilai (project review process) ➤ Outcome Based Approach
2	Completeness of scope definition	
3	Adequacy of allocation	
4	Premature disposal of asset to make way for development	➤ Creation of Land Bank
5	Suitability of sites <ul style="list-style-type: none">➤ Inaccessible, too hilly, flood prone, marshland etc➤ planned in silos –lack integration and synergy	

2. Planning...(continue)

	Issues	Recommendation
4	Land and utilities <ul style="list-style-type: none">➤ Land acquisition,➤ Encumbrances➤ Squatters➤ Utilities	<ul style="list-style-type: none">➤ Revolving fund➤ Standardised compensation



3. Procurement

	Issues	Recommendation
1	Innovative procurement Advancement in procurement methodology, especially for complex projects	➤ Utilise alternative procurement methodology for complex projects e.g <i>Relational Contracting and Design, Construct, & Maintain</i>

4. Life Cycle Costing

	Issues	Recommendation
1	Appropriate Technology <ul style="list-style-type: none">➤ Needs to be policy driven➤ High initial cost➤ Scale of economy	<ul style="list-style-type: none">➤ Employ life cycle costing➤ Tunneling or structure for hilly areas for sustainable environment➤ Service tunnels for road projects in cities
2	Road Safety Improvement	<ul style="list-style-type: none">➤ Allocate 10% of the budget for road development to be used for safety improvement of existing roads
3	Fatalities of motorcyclists	<ul style="list-style-type: none">➤ Motorcycle lanes should be given a feature for roads where more than 30% road users are motorcyclists
4	Energy Efficiency	<ul style="list-style-type: none">➤ Government must ensure that all new building comply with Green Building Index. Existing buildings to be upgraded in stages.
5	Integrated Building Modules	<ul style="list-style-type: none">➤ Use of pre-approved plans and building modules utilising open IBS concept.





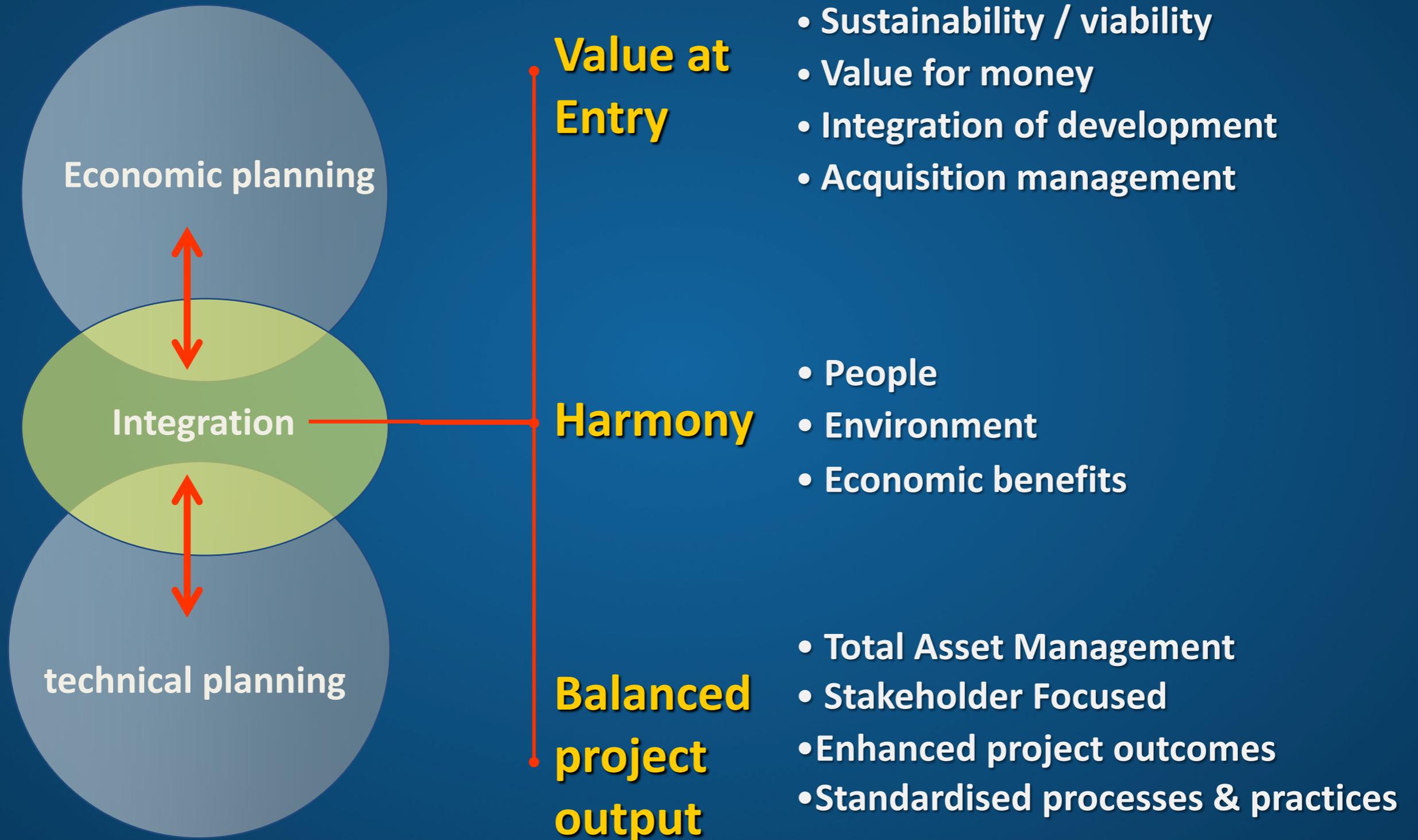
5. Enabler: Human capital

	Issues	Recommendation
1	Capacity and capability of contractors and consulting firms	<ul style="list-style-type: none">➤ Reclassification of Class A contractors➤ Classification of consulting firms➤ Payment to consulting firms based on man-month
2	Staff development <ul style="list-style-type: none">➤ Training facilities	<ul style="list-style-type: none">➤ Create Centre of Excellence➤ Leveraging on human capital to enhance product quality

6. Enabler: ICT

	Issues	Recommendation
1	Standardisation of practice and processes	➤ Create Total Asset Management System for whole-of-government by leveraging on ICT
2	Integration of data across agencies to ensure integrity at every phase of development	➤ Utilise standard effective workflow for project development and implementation

Summary and Conclusion



Summary and Conclusion...

GOVERNMENT as MASTER DEVELOPER

Creation of Sustainable Future

1. Building Competitive Edge in Global Setting
2. Optimization of Resources
3. Whole life costing approach to investment



Delivering Long-term Value

1. Maximizing public investment - Embedding value for money across government
2. Focus on Integrated Planning –
3. Timely Cascaded Support Industries
4. Robustness in delivery system
5. Flexibility in implementation





**One Malaysia
People First
Performance Now**