

Connecting The Dots

Perspective of a Planner-Architect

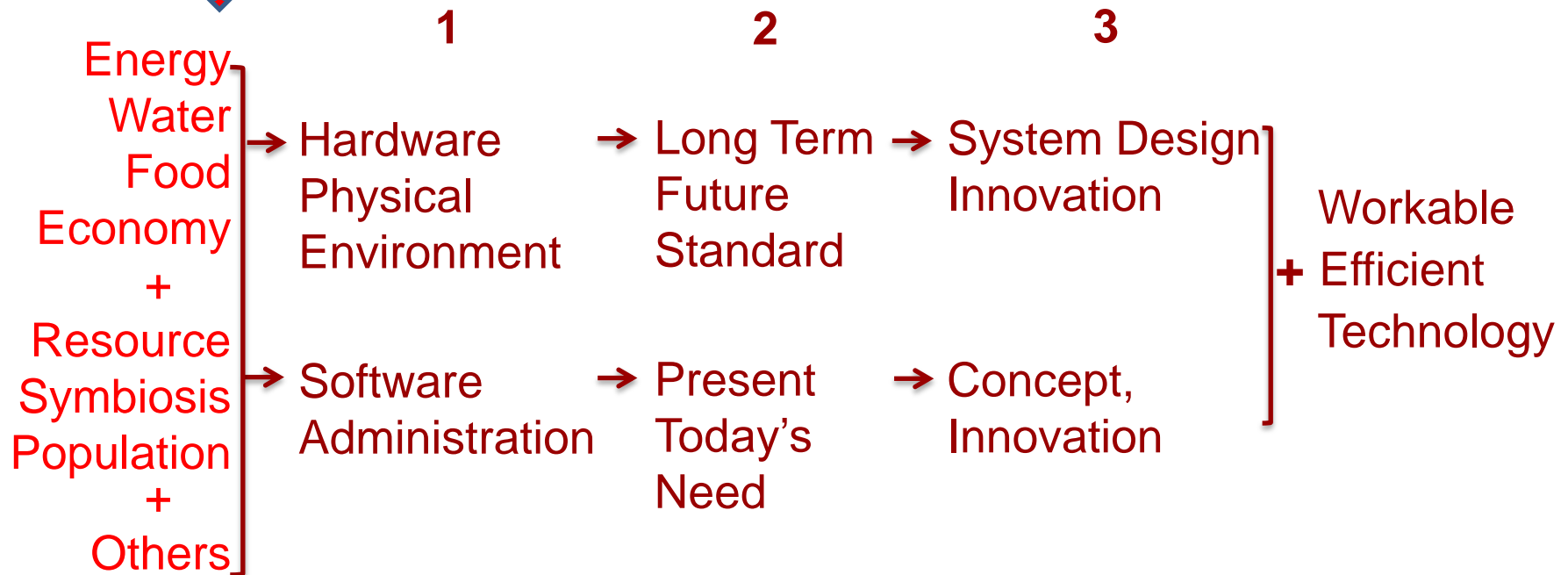
Prosperity Within Global Limited



Sustainability Solutions



Singapore, The City



Thought 1

Nature of Current Debates

To Differentiate 4 Key Aspects

Hardware, Software; Core, Non-core

	Core		Non-Core	
	Environment	Population	Admin	Design
Software		Low Birth Rate Aging Foreigners Core Values	Policies Incentives Debates	
Hardware	Population Size Density Road, MRT Congestion Nature Heritage		Housing Prices Road, MRT Congestion Cost of Living	Building Design Park Design Buzz

Thought 2

Hardware, Core

- Environment

Big, Permanent, Inerasable

Plan Long Term, Future Standards

Software, Core

- Population

Time Sensitive, Changeable

Meet Today's Need, Change with Time

Thought 3

Innovation and Technology

Planning, Architecture, Engineering



System Design



Solve Problems Intelligently



Rely on Technology as Little as Possible

Find Cheapest Most Efficient Technology to Supplement

System Design

Innovation is Intelligent Design

Functional Efficiency

New Technology for New Challenges

Technology No Substitute to System Design, only Supplement

Aim of the Talk

3 Thoughts

Differentiate Hardware, Software; Core, Non-Core
Handle Hardware, Software Differently
Add System Design to Innovation, Technology

Quotes from Draft White Paper

Technology

... The Common Resort to Technological Solution
is Sometimes a Way to avoid
Long-Term and Underlying Sustainability Challenges

Economics

... Our Global Economic Markets have not
... Functioned well enough
If the Yardstick used to measure them is
Our Ability or likelihood to Survive and Prosper
as a Spectra over the Long Term