

# URBAN SOLUTIONS AND SUSTAINABILITY R&D CONGRESS 2023

BUILDING SUSTAINABLE, RESILIENT, AND LIVEABLE CITIES OF TOMORROW

**4TH - 5TH OCTOBER 2023**



# Building Bridges to Support Translation of Technology from Lab to Market

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# Singapore is an Innovation Powerhouse

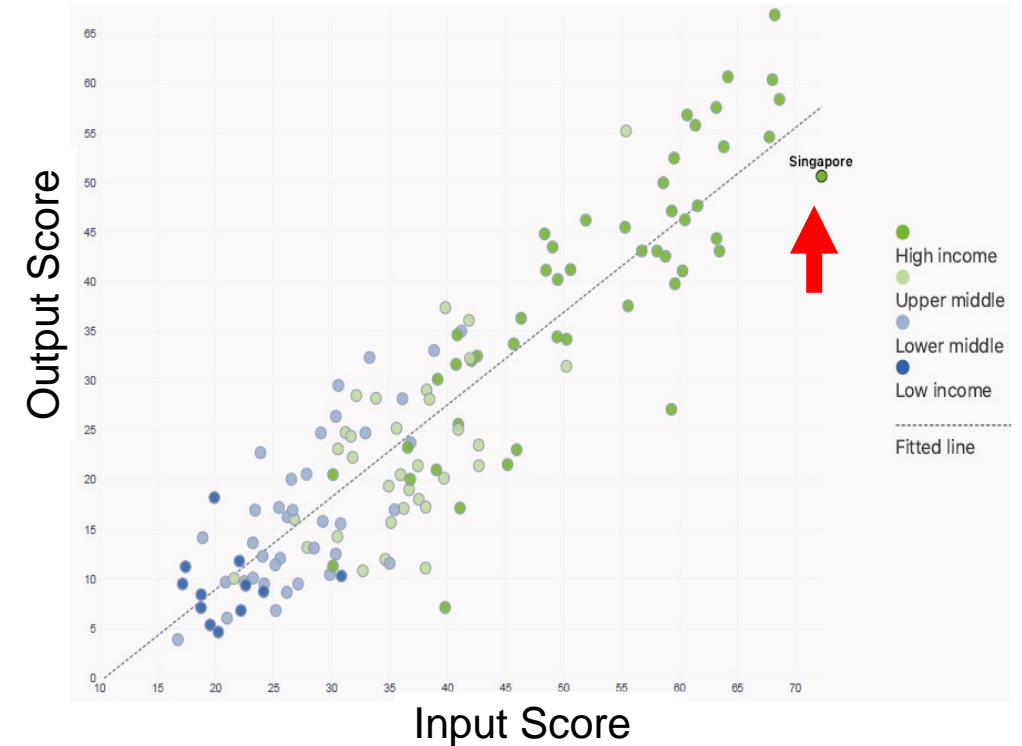


# Singapore is an Innovation Powerhouse ... but we can do better

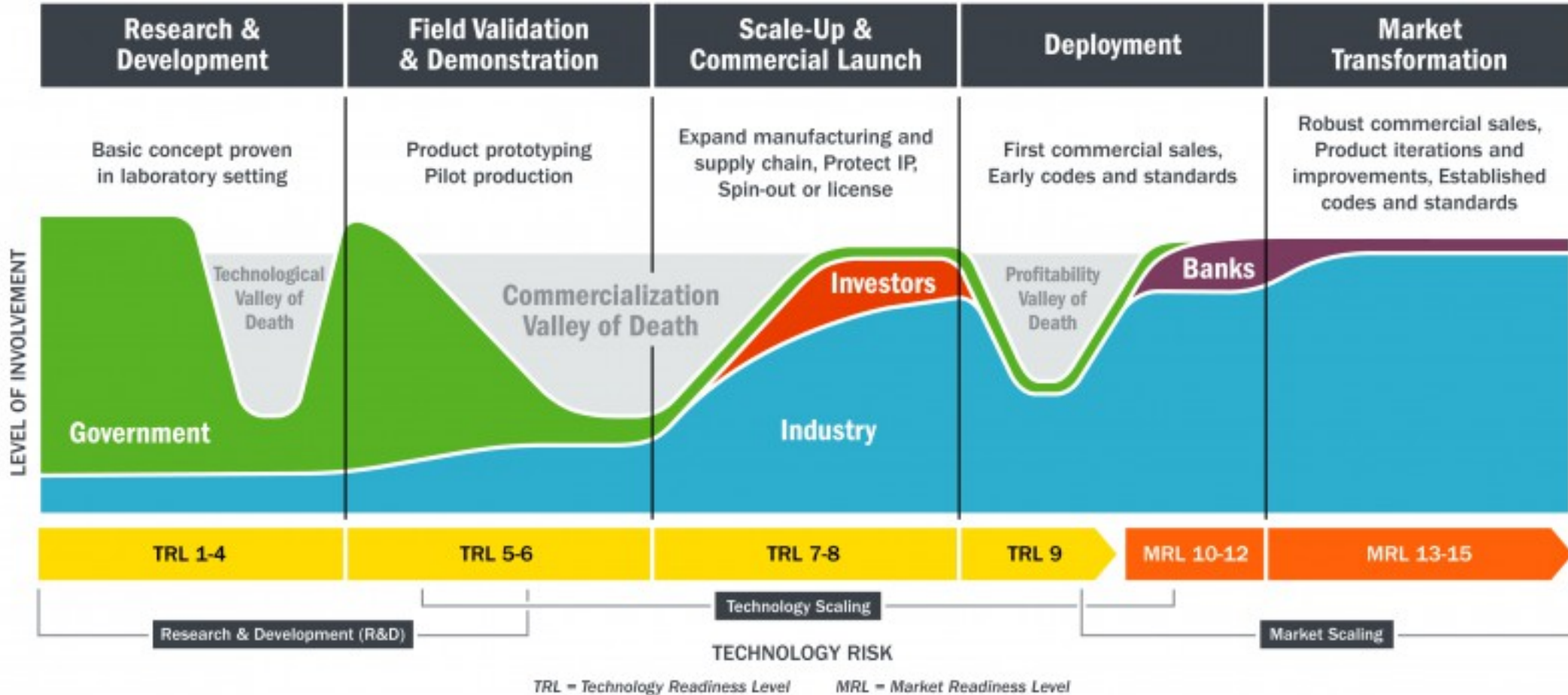
	GII Position	Innovation Inputs	Innovation Outputs
2020	8th	1st	15th
2021	8th	1st	13th
2022	7th	1st	14th
2023	5th	1st	12th

**Innovation Inputs are fantastic!**  
**But Innovation Outputs are trailing...**

**Relationship between inputs and outputs**

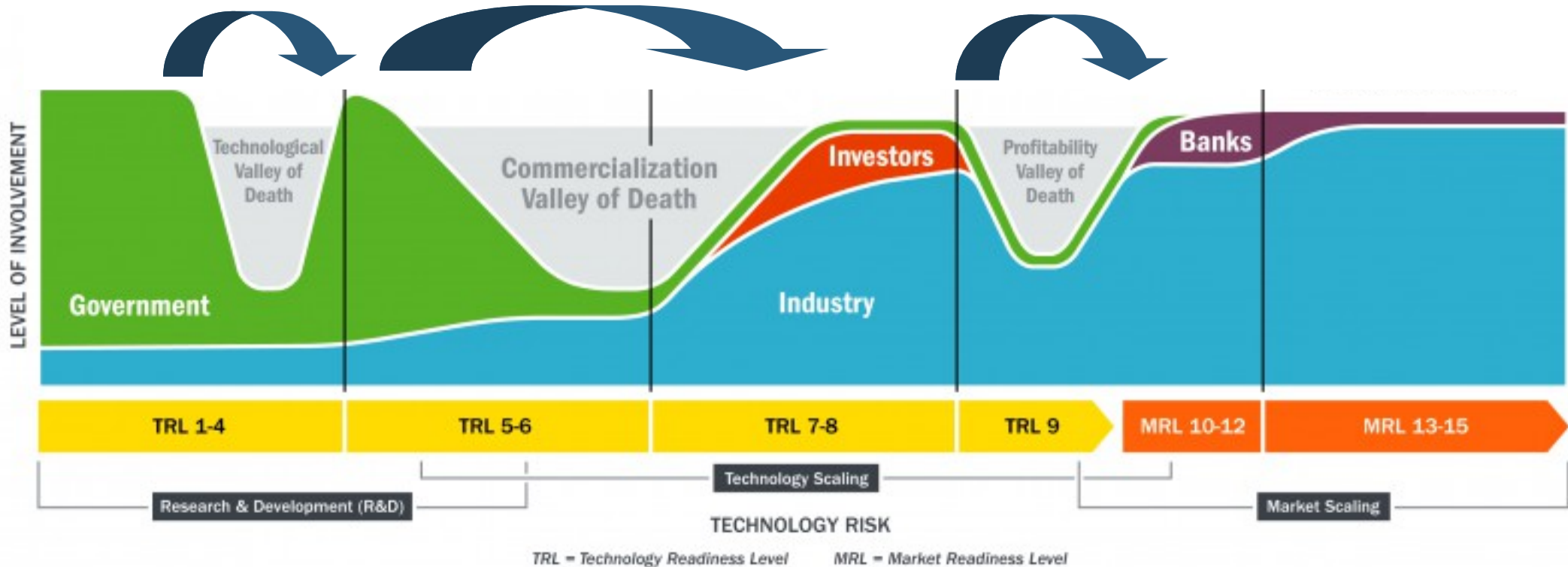


# Multiple Valleys of Death



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**Bringing Together Companies, Researchers, Agencies & Other Partners To Overcome Challenges in Bringing More Technologies to Market**



# Introducing USS IEO



**More concerted translation** of research outputs from Urban Solutions & Sustainability (USS) domain to **achieve value capture**



Partnering **Companies, Research Performers** and **Public Agencies**



Currently focusing on the following sectors:

- (a) **Built Environment**
- (b) **Circular Economy**
- (c) **Water**
- (d) **Food**



\* List of partners shown above are non-exhaustive

# Examples of Support

Work with PI / Company to identify suitable research partner to **plug specific technology gap**

Connect PI / Company with **suitable commercial partners and suppliers**



Work with GPEs, TACs, key accounts etc to **generate lead demand**

Introduce to potential **investors**



Identify suitable **testbeds**



**RAPID VIBRIO DETECTION ON-SITE**

In just 30 minutes

Find out more:

[www.ar-biotech.com](http://www.ar-biotech.com)





# Achieving Commercialisation Success Through Private-Public Partnership



goruda  
robotics

**Drones as a  
Force Multiplier**



**EWT COI**  
NGEE ANN POLYTECHNIC

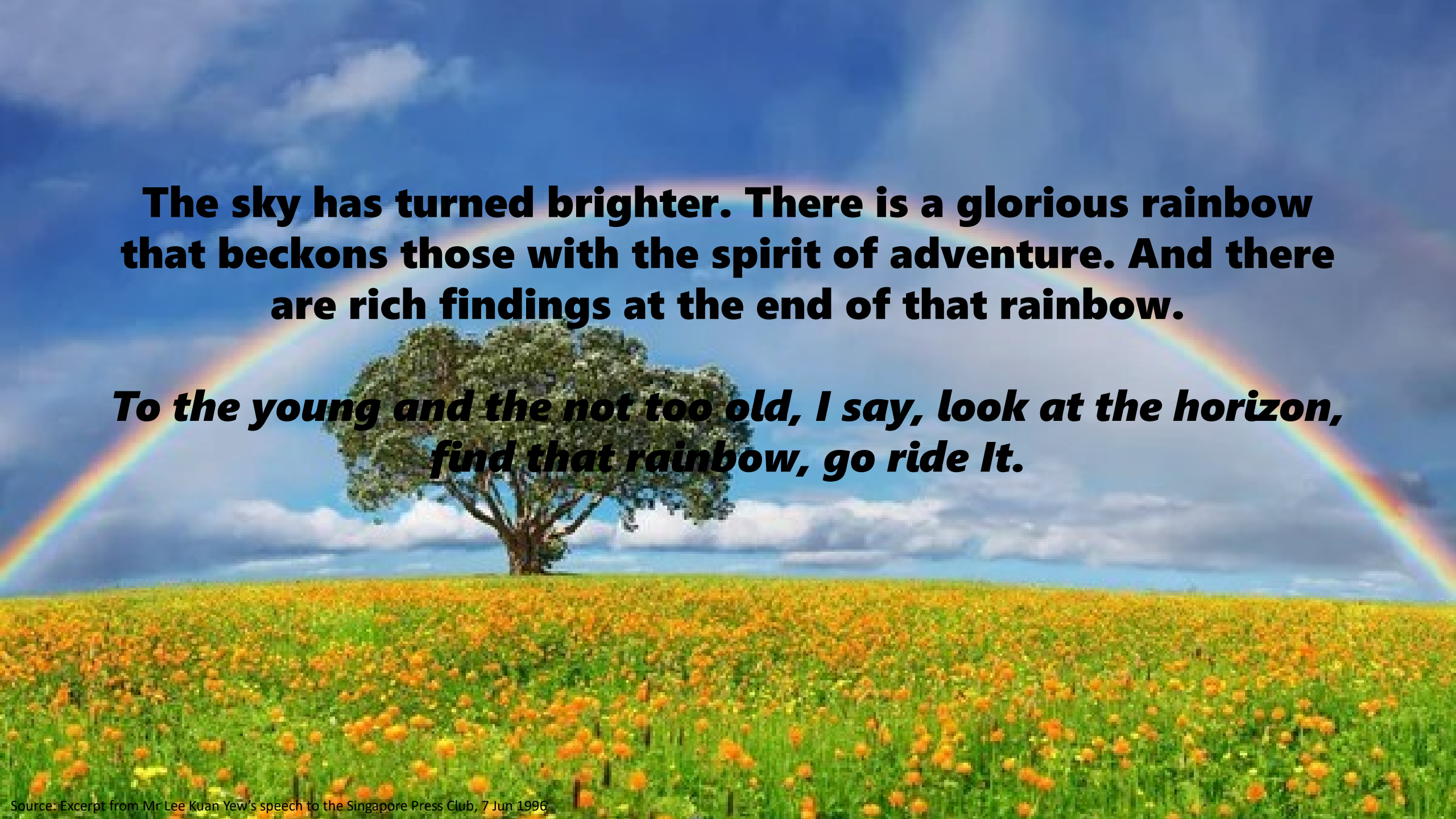
**Co-Develop and  
Deploy Technologies  
for a Sustainable  
Environment**



**Centre of Innovation for  
Built Environment – Advanced Materials  
(COI BE-AM)**

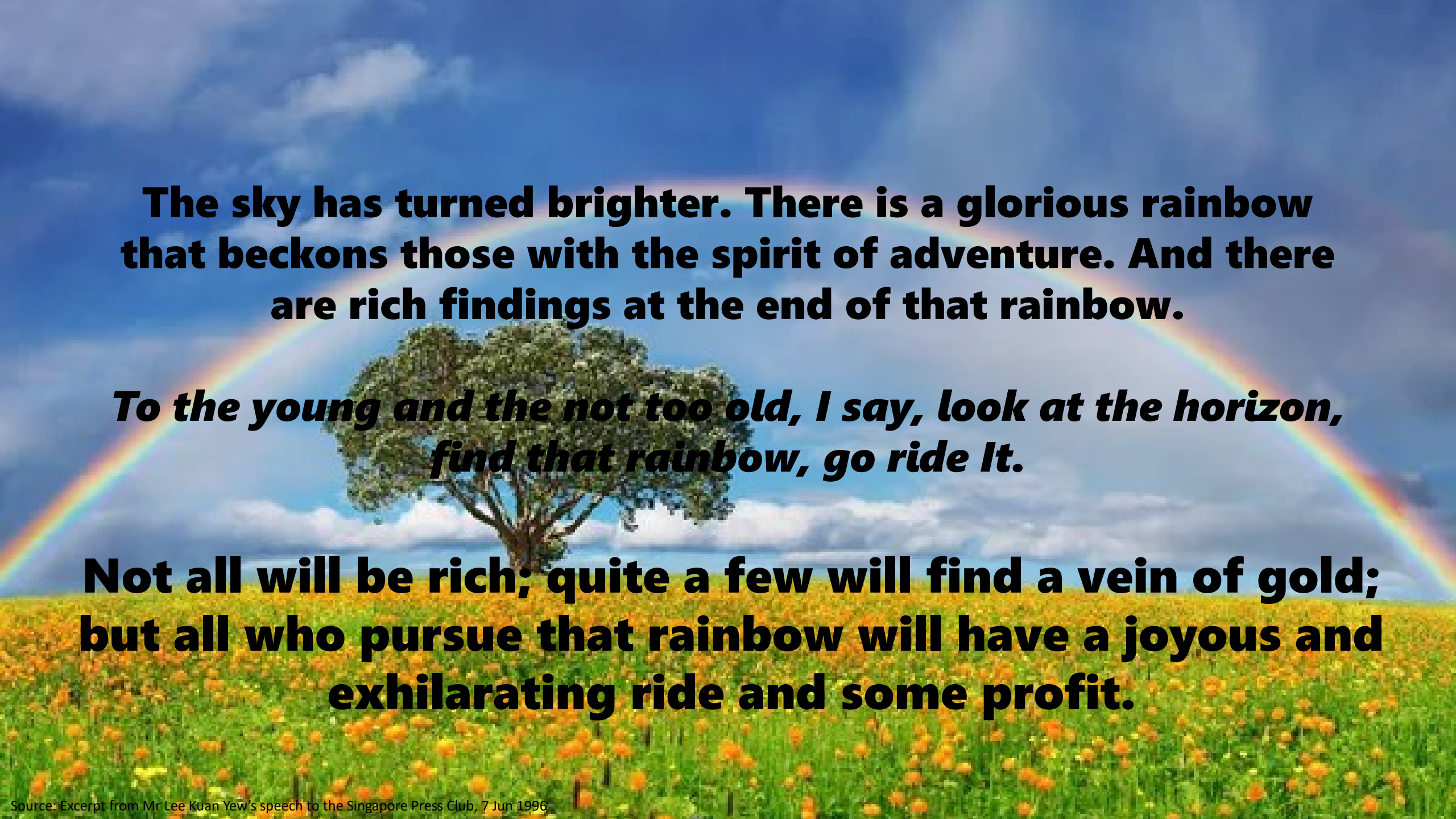


**Sustainable  
Construction Material  
Solutions for Built  
Environment**



**The sky has turned brighter. There is a glorious rainbow that beckons those with the spirit of adventure. And there are rich findings at the end of that rainbow.**

***To the young and the not too old, I say, look at the horizon, find that rainbow, go ride it.***



**The sky has turned brighter. There is a glorious rainbow that beckons those with the spirit of adventure. And there are rich findings at the end of that rainbow.**

***To the young and the not too old, I say, look at the horizon, find that rainbow, go ride it.***

**Not all will be rich; quite a few will find a vein of gold; but all who pursue that rainbow will have a joyous and exhilarating ride and some profit.**

# Thank You

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