

CRUCIAL SKILLS FROM DUSK TO DAWN :

THE PINNACLE FOR SUSTAINABILITY!

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Main Agenda ...



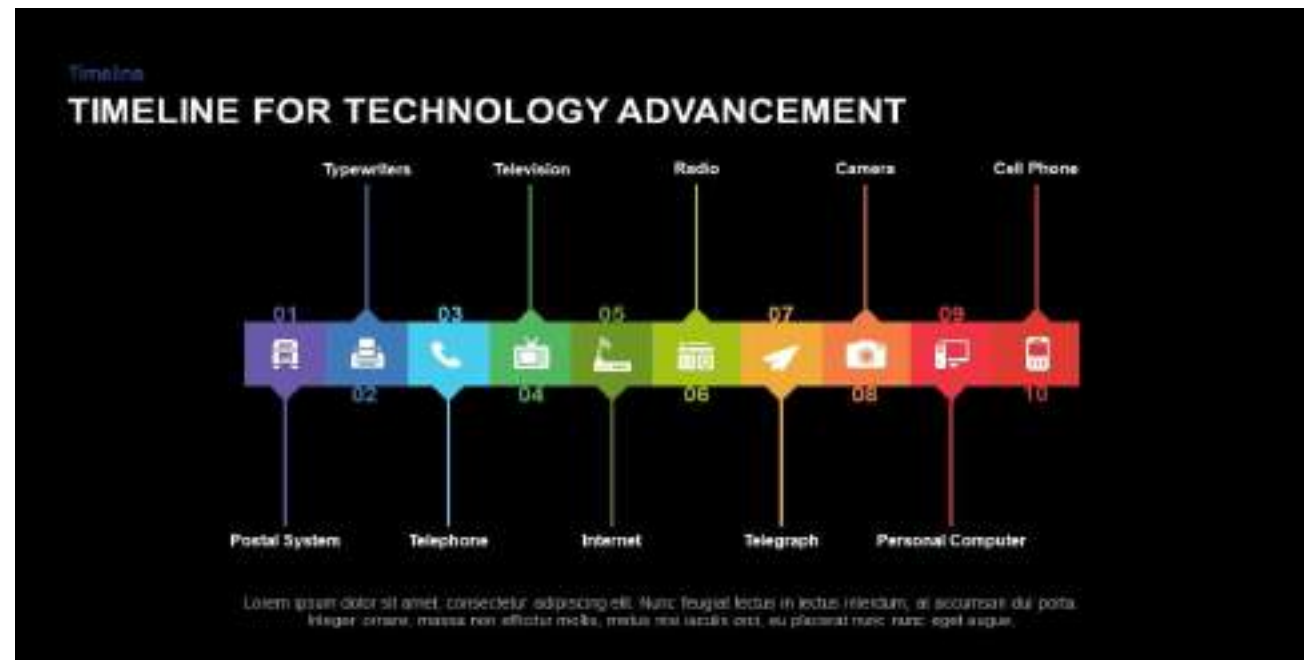
1. Challenges in the VUCA World



2. Technology vs Talent



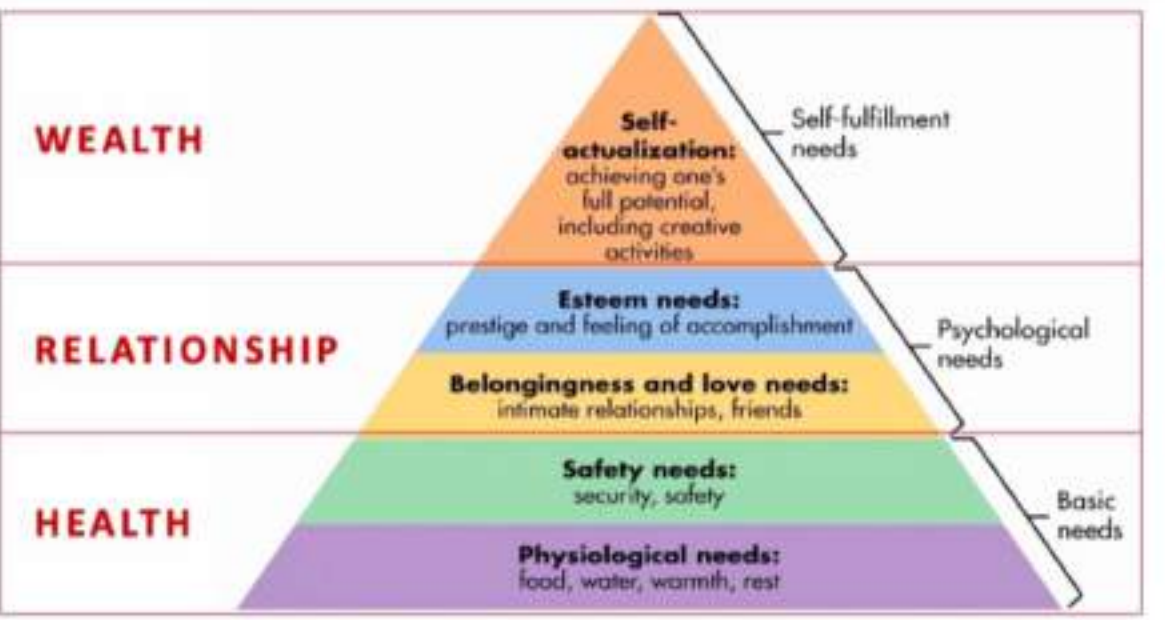
3. High Impact EXECUTION ...



CHALLENGES
IN
THE
VUCA
WORLD

1

The BIG



MEGA TRENDS 2030

Demographic
Social Change

POST
COVID 19

Climate Change

Technological Breakthrough

RAPID
URBANIZATION
& DEURBANIZATION

Shifting
Economic
Power

INDUSTRIAL REVOLUTIONS



INDUSTRY 1.0

Mid 18th Century

Mechanical
Production Age

Water and
Steam power



INDUSTRY 2.0

Mid 19th Century

Science and
Technology Age

Electricity, Railroad,
Telephone



INDUSTRY 3.0

Late 19th – 20th Century

Information
and Digitization Age

Computers, Internet
Information Technology



INDUSTRY 4.0

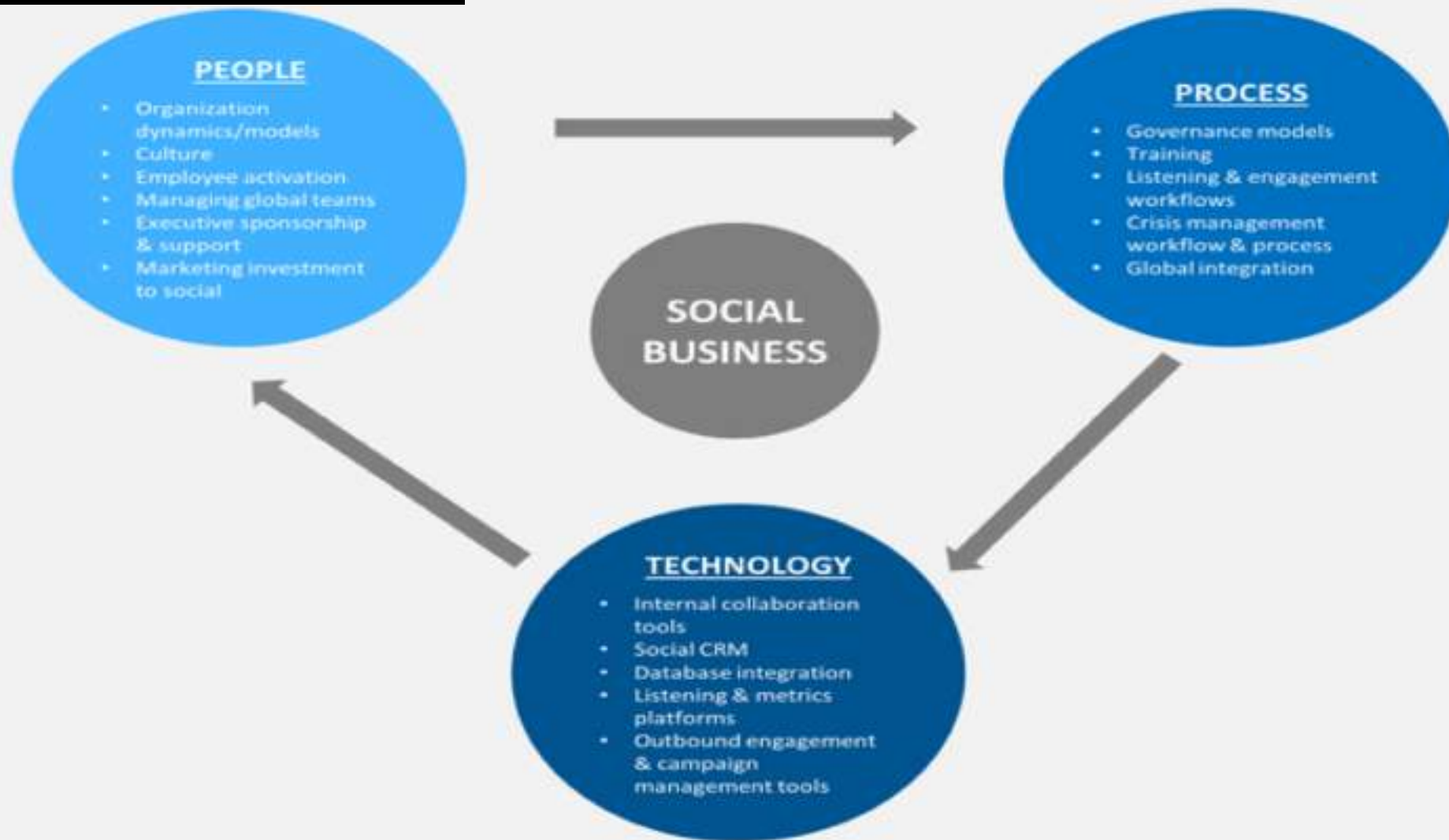
21st Century

Smart Age

Internet of things
Artificial intelligent
3D, advance materials

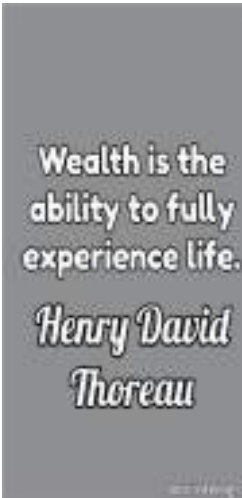
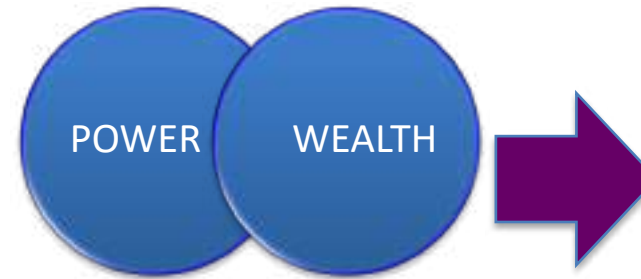
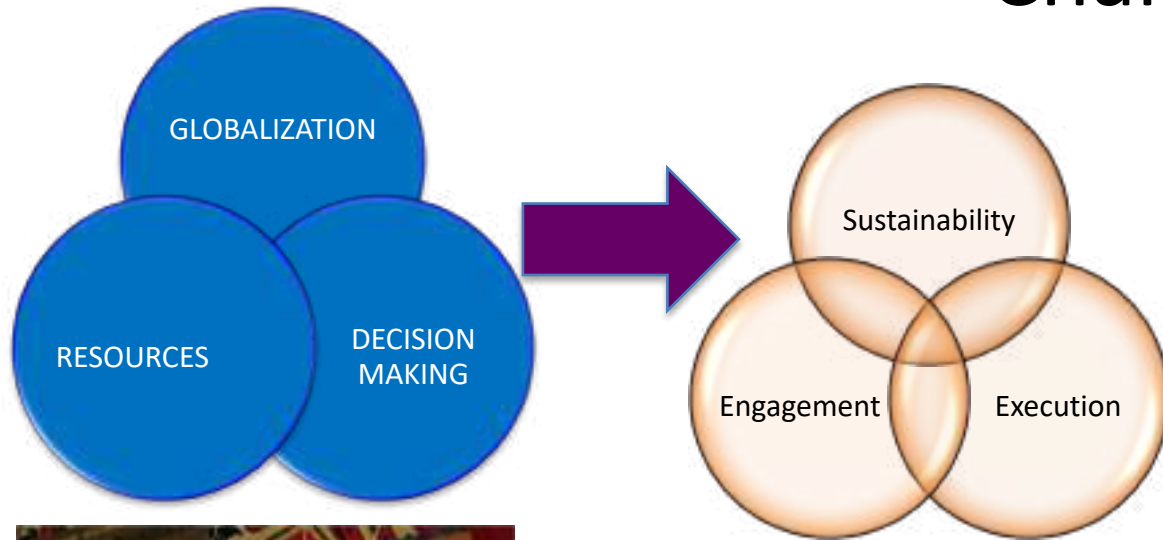
PEOPLE, PROCESS & TECHNOLOGY

INTERDEPENDENCIES

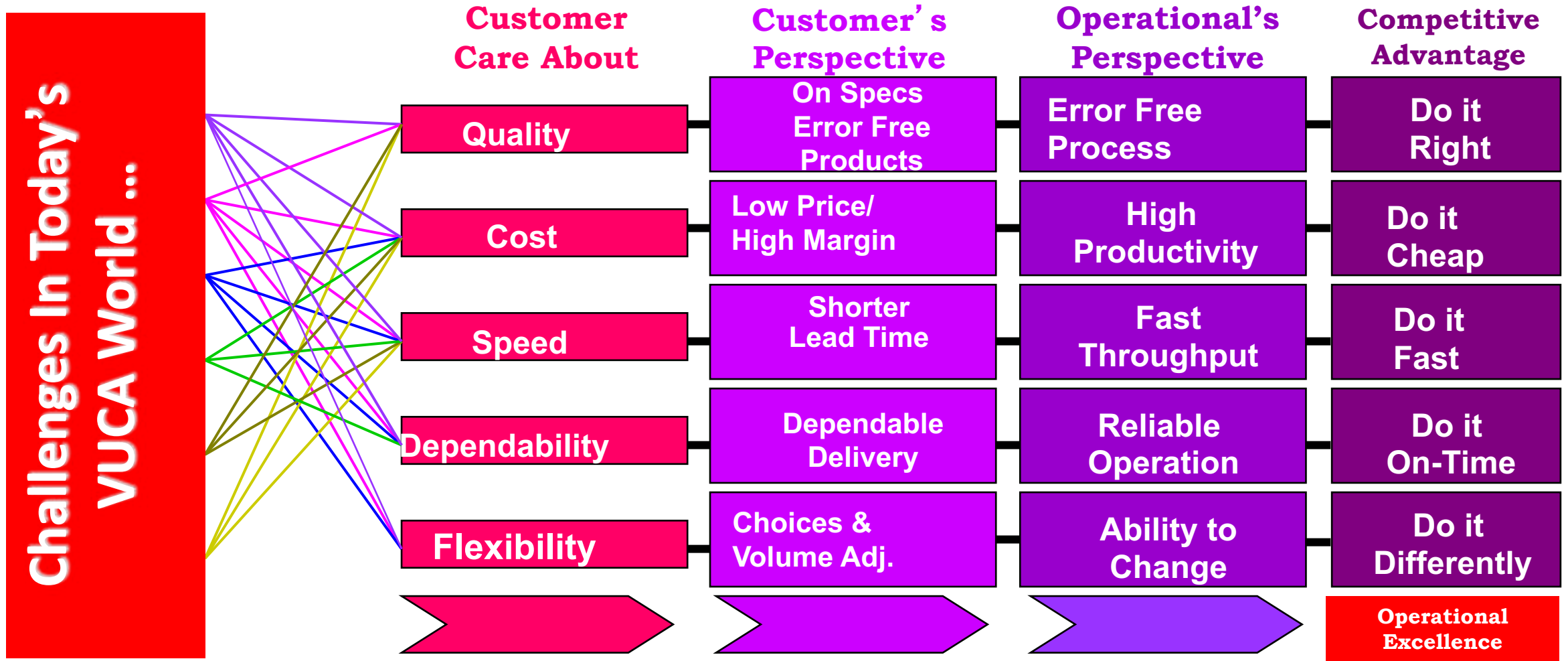


Organizational vs Individual

Challenges



Product(s) / Service(s) Imperatives



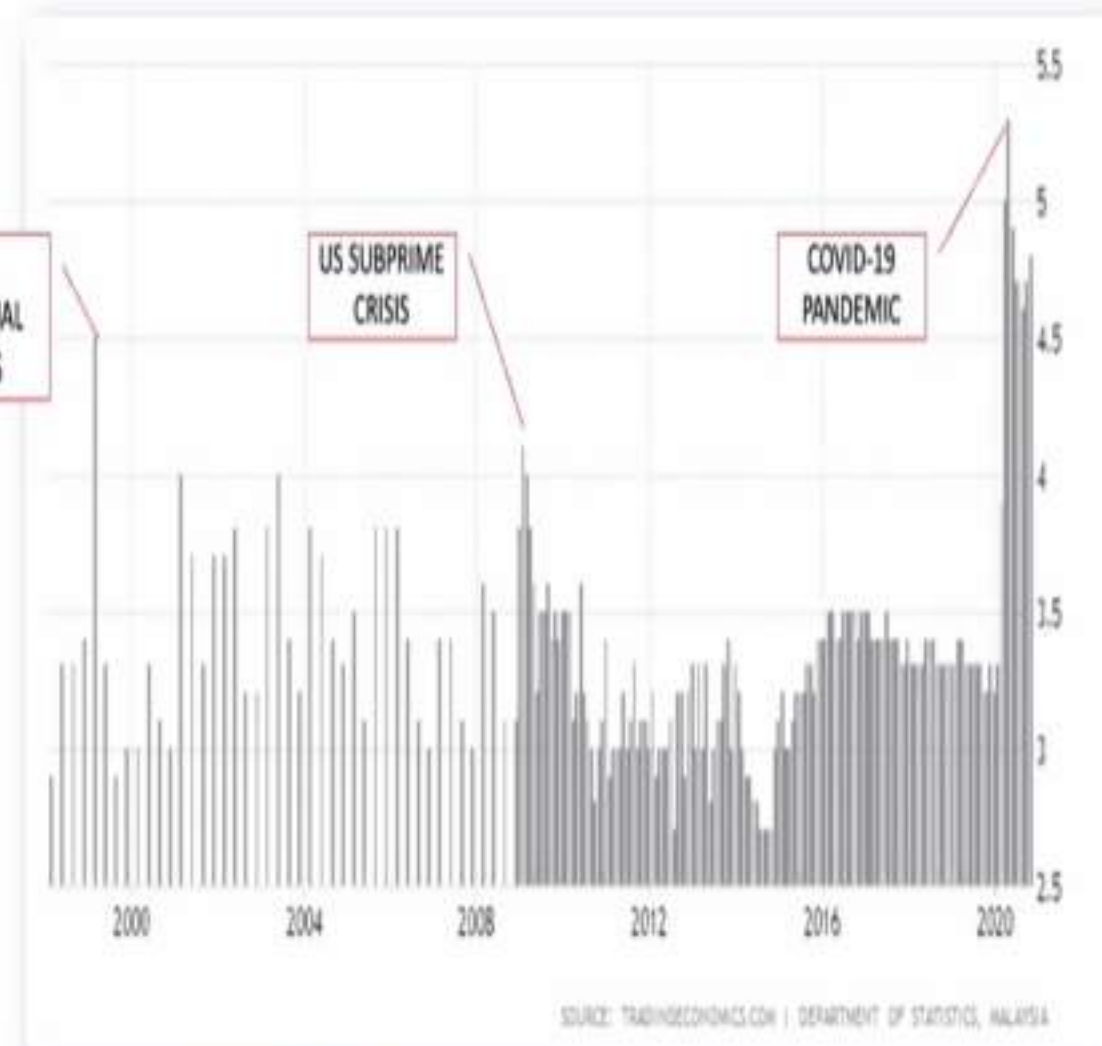
Source : 1. RY Coachings / Trainings / Workshops Notes (2005-2015)

MALAYSIA ANNUAL % GDP GROWTH



Source: The World Bank. <https://bit.ly/3IO9egM>

MALAYSIA UNEMPLOYMENT RATE ROSE TO THE HIGHEST IN 30 YEARS



SOURCE: TRADINGECONOMICS.COM | DEPARTMENT OF STATISTICS, MALAYSIA

Source: Trading Economics. <https://bit.ly/39hcuJ8>

AGENDA

2



CHALLENGES
IN
THE
VUCA
WORLD

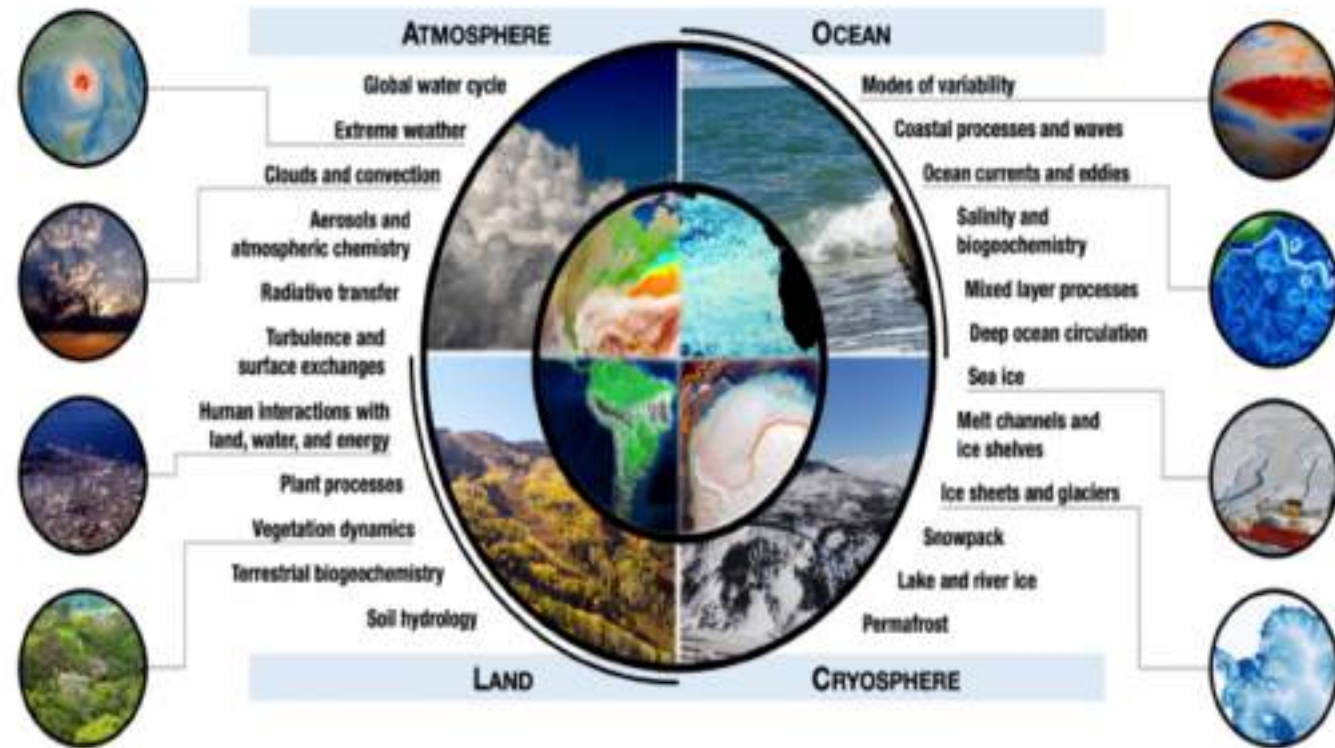
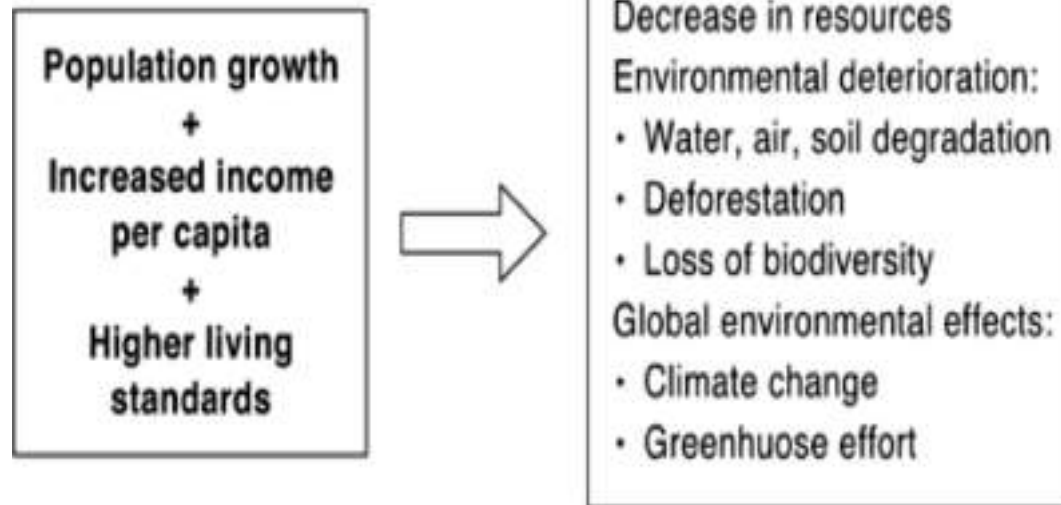
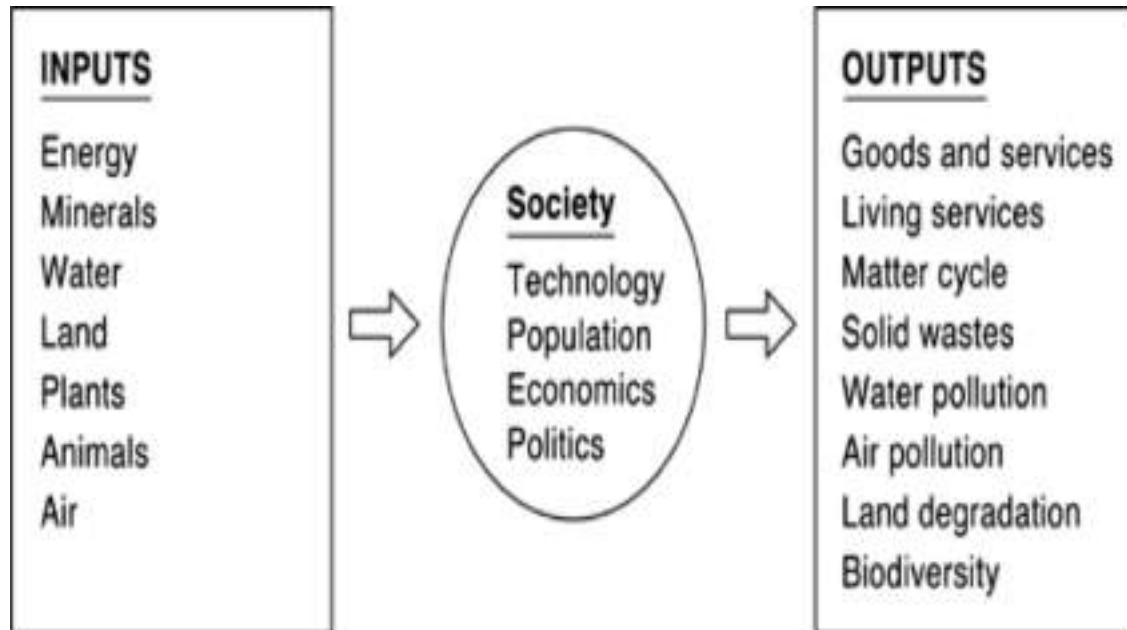


TECHNOLOGY
VS
TALENT



HIGH
IMPACT
EXECUTION

Our Mother's – Earth ...



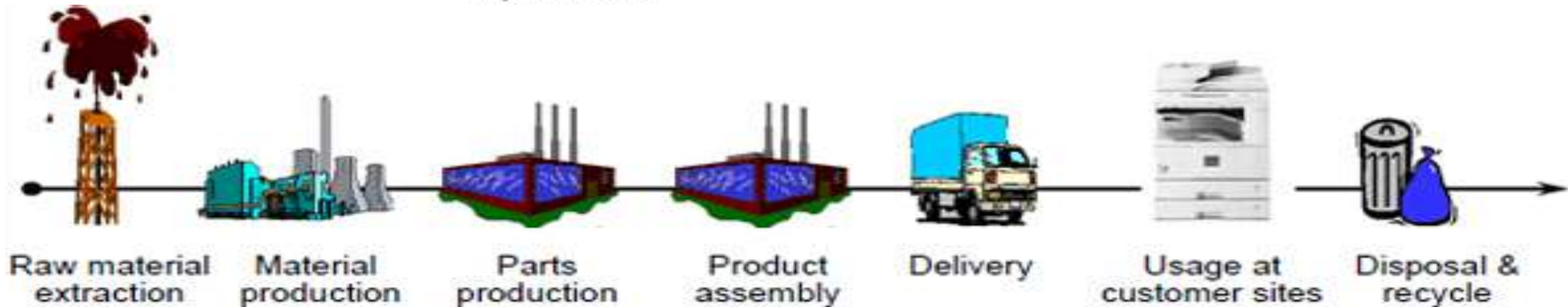


CURRENT STATUS ...

Global Sustainability Model



Global Economic Impact Model



VUCA for Sustainability ?

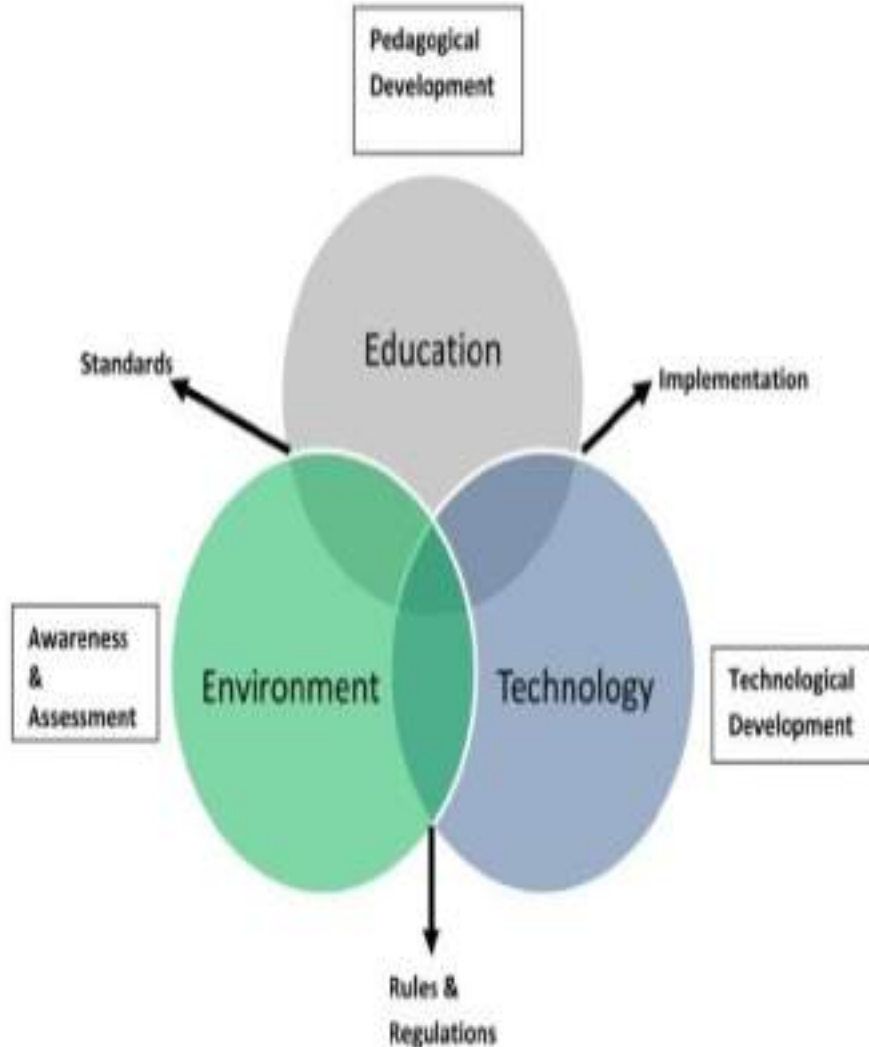


Horney (Horney et al., 2010) said the term VUCA was coined by US Army War College resulted from the end of the Cold War.

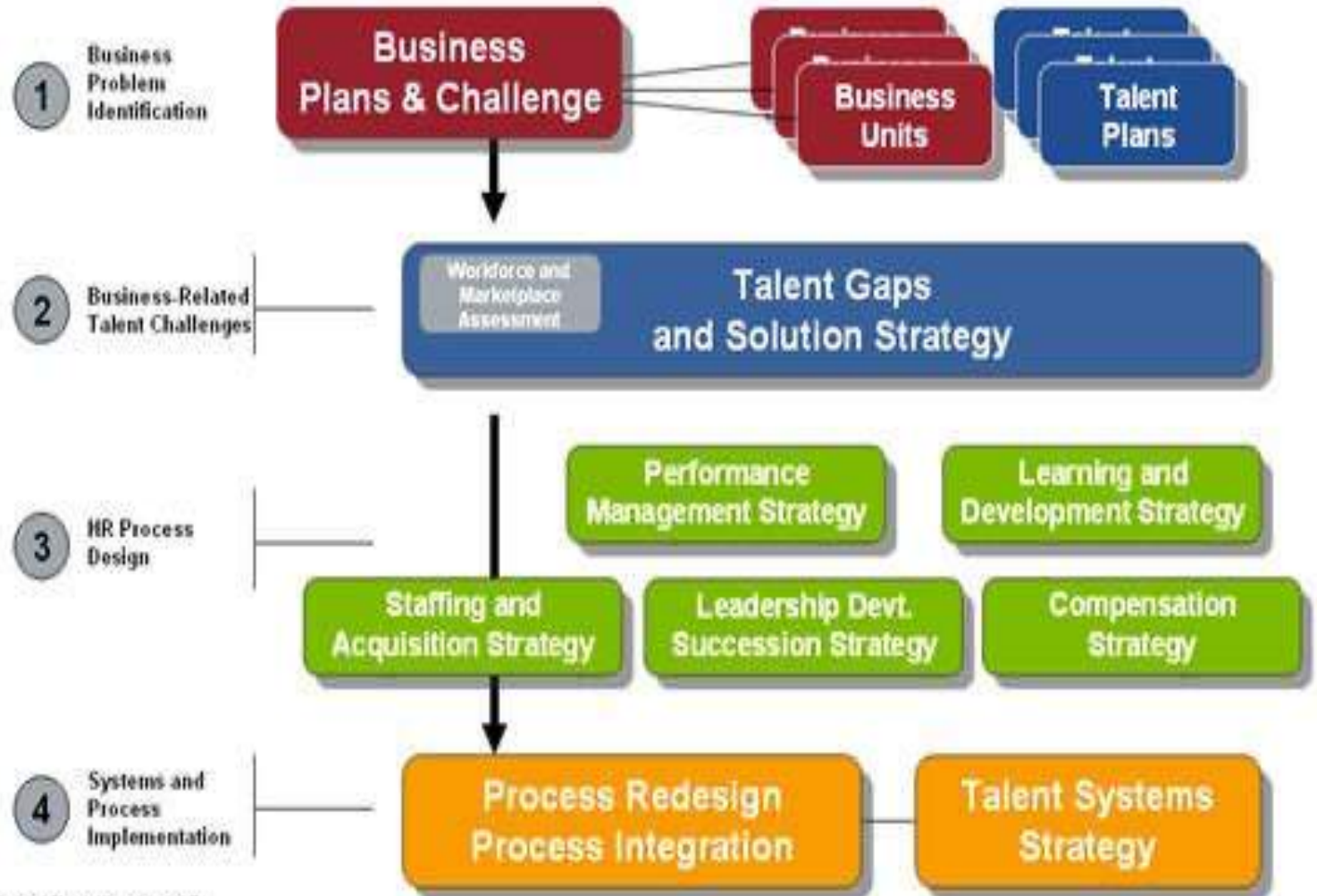
Raghuramapatruni and Rao Kosuri (2017), mentioned that the world was moving in a different direction which required speed, patience, analysis, problem solving skills

Source : Various Publications

CURRENT RESEARCH



High Impact Talent Management®



High Impact Talent Management®
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Which Values ?

A Review of Talent Adaptive Concept and Conceptual Framework of Accelerated Industry4WRD Talent Adaptation in Malaysia

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Sustainable values integrated in Triple Constraint model, inspired by GPM Global

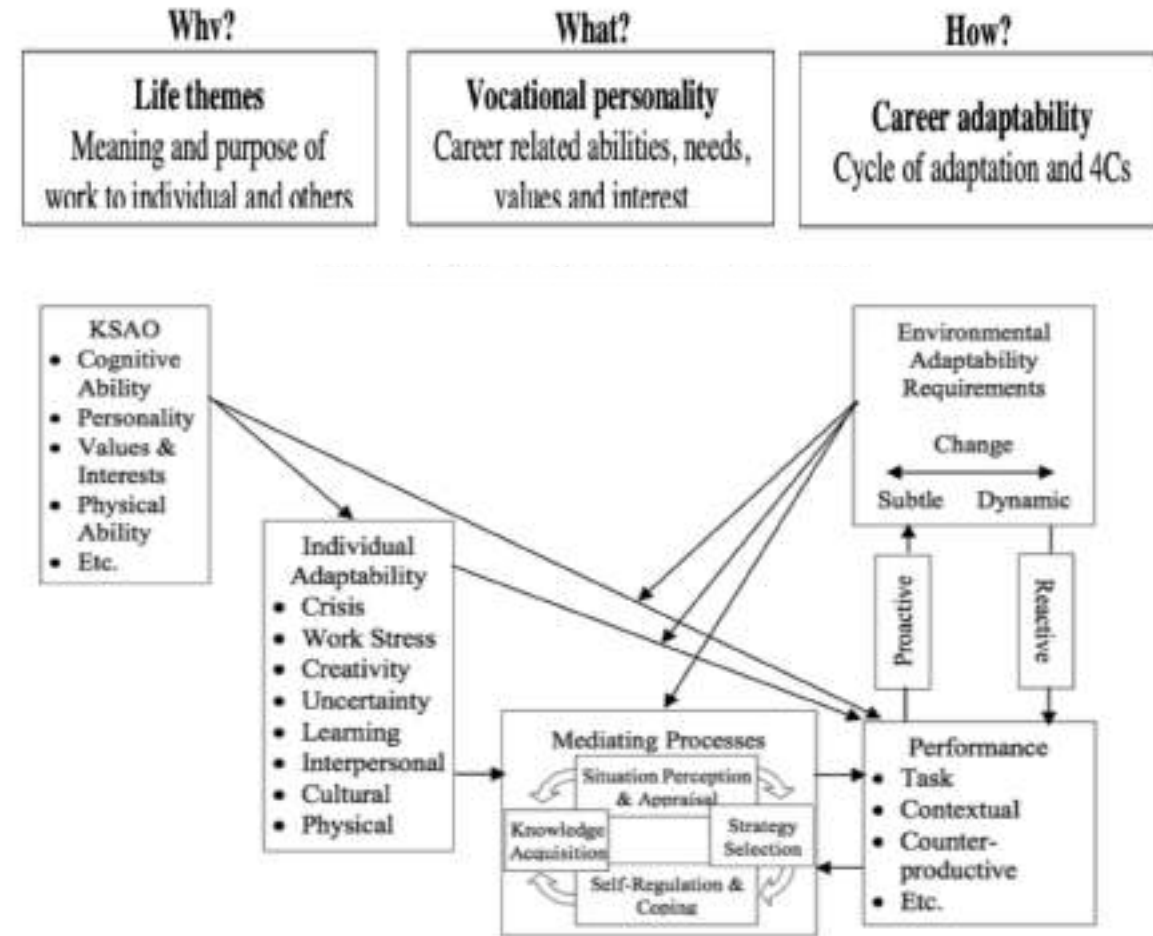


Figure 2: I-ADAPT Conceptual Model [18]

Technological
Eco-System
to
BALANCE
the
IMPACT ?



SUSTAINABLE

DECISION MAKING SYSTEM

SAMPLE

Muhamad Roslan bin Muhamad Yusoff, PhD

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JANUARY 2021

Project Brief

Project : Sustainable Decision Making System (SDMS)

Project Leader : Muhamad Roslan bin Muhamad Yusoff

Core Team Members : CEO, CTO, CFO, CSO, PC (SIRI)

Data Scientist, Programmer, Storage Specialist, System Analyst

Project Duration : min 9 mths – modular (pilot); complete system - 3 years

Project Issue : This project intended to overcome the issue on decision making by respective parties in order to come up with timely and solid decision without neglecting mandatory requirements and unhealthy practices.

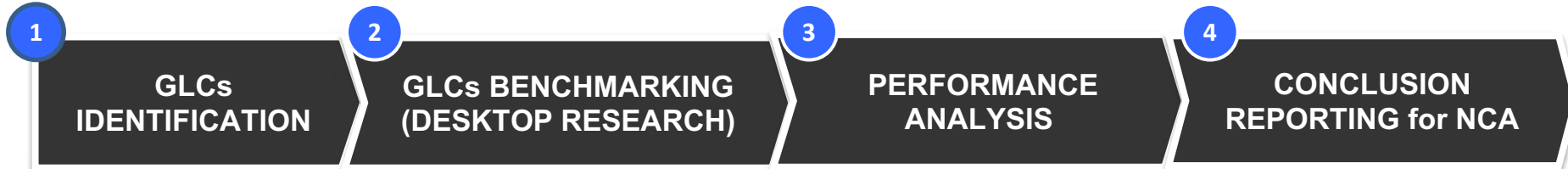
Project Outcomes : A computerized system is proposed to solve the burning issue a kind to Artificial Intelligence (AI) environment. The guided weighted parameters which encompass the essential elements of sustainability are tabulated, analyze and acted upon with the end goal of coming out with prioritization; hence ease the decision making processes.

Project Team Strengths

Our team has collectively more than 150 years experience

1. Data Scientist – Top 100 in Asia
2. System Analyst – Having 20 yrs experience with MNC Co.
3. Storage Specialist – Previously working with EMC for 10+ years
4. Execution Strategist – Consultant to several Government
5. Technology Foresight – Principal Consultant to MIGHT
6. Open Source Programmer – Working with MNCs serving ASEAN
7. Environmental Accounting Practitioner – Qualified personnel with more than 10 yrs serving the big 4 audit firms
8. Green/Agile Project Portfolio Practitioner – Qualified licensed practitioner
9. Software/Hardware Subject Matter Expert – Serving both IBM and DELL for 30 yrs before retired in 2019

Blending VUCA & Sustainability



Source : Various Publications



SDMS Top 3 SDGs Area :-

Element 9 – Innovation and Infrastructure

The project will be the catalyst for decision making to ensure sustainability elements are fulfilled

Element 11 – Sustainable Cities and Communities

The decision made will eventually promote the build up of sustainable cities and communities

Element 12 – Responsible Consumption

At large the actual consumption by the communities and the cities will proven to be a responsible consumption with cradle to cradle thinking



P5 Elements

Labour Practices and Decent Work

Training and Education

Organizational Learning

Transport

Digital Communication

Travelling and Commuting

Business Agility

Flexibility / Optionality

Business Flexibility

P5 Elements – Social Impacts

Labour Practices and Decent Work	Society and Community	Human Rights	Ethical Behavior
Employment and Staffing	Community Support	Non-Discrimination	Procurement Practices
Labour/Management Relations	Public Policy Compliance	Age-Appropriate Labor	Anti-Corruption
Worker Health and Safety	Provision for Indigenous and Tribal Peoples	Voluntary Labor	Fair Competition
Training and Education	Product and Service Labeling		
Organizational Learning	Market Communications and Advertising		
Diversity and Equal Opportunity	Consumer Policy		
Local Community Development			

P5 Elements – Environmental Impacts

Transport	Energy	Land, Air, and Water	Consumption
Local Procurement	Energy Consumption	Biological Diversity	Recycling and Reuse
Digital Communication	CO2 Emissions	Water and Air Quality	Disposal
Traveling and Commuting	Clean Energy Return	Water Consumption	Contamination and Pollution
Logistics	Renewable Energy	Sanitary Water Displacement	Waste Generation

P5 Elements – Economic Impacts

Business Case Analysis	Business Agility	Economic Stimulation
Modeling and Simulation	Flexibility/ Optionality	Local Economic Impact
Present Value	Business Flexibility	Indirect Benefits
Direct Financial Benefits		
Return on Investment		
Benefit-Cost Ratio		
Internal Rate of Return		

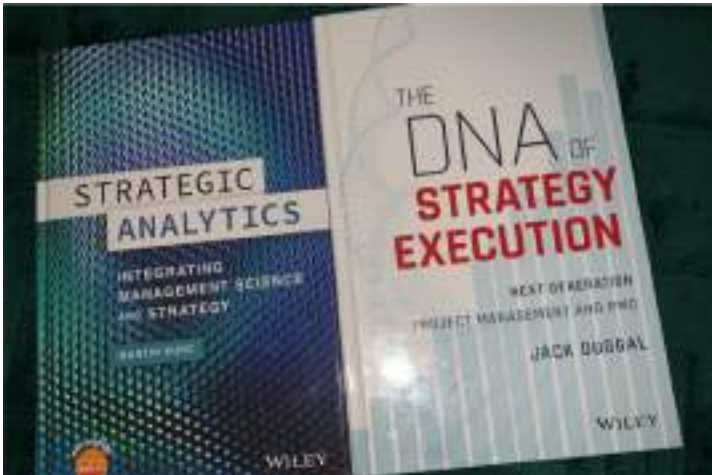
AGENDA 3 ...



**HIGH
IMPACT
EXECUTION**

Execution is Impact on Action!

Have a clear understanding of what you're trying to achieve



What are the main problems YOU trying to solve?

What do you hope to achieve by investing in innovation practice(s)?

How is this approach better than your current process or technology?

Understanding who is going to be impacted and how

How ready do you think the people in YOUR ORG are for this innovation practice(s) adoption?

Who is going to be impacted?

How?

What needs to be done to get them ready?

Pilot Project Result ...



Figure 5: Proposed Accelerated adaptation framework for Industry4WRD talent

CRITICAL STEPS in becoming the RIGHT PERSON ...

FUTURE PEOPLEs ...

- **FACE THE TRUTH**
- **ALERT OF THE SHIFTS**
- **CONTINUOUSLY LEARN**
- **ADOPT / ADAPT THE RIGHT STRATEGY**
- **RAPID Action**
Ritual
Transformation

**VERSATILE
CRITICAL / ANALYTICAL
PEOPLE SKILLS
RESILIENCE
CRAFTERS**

Malaysian Co's of the Future ...

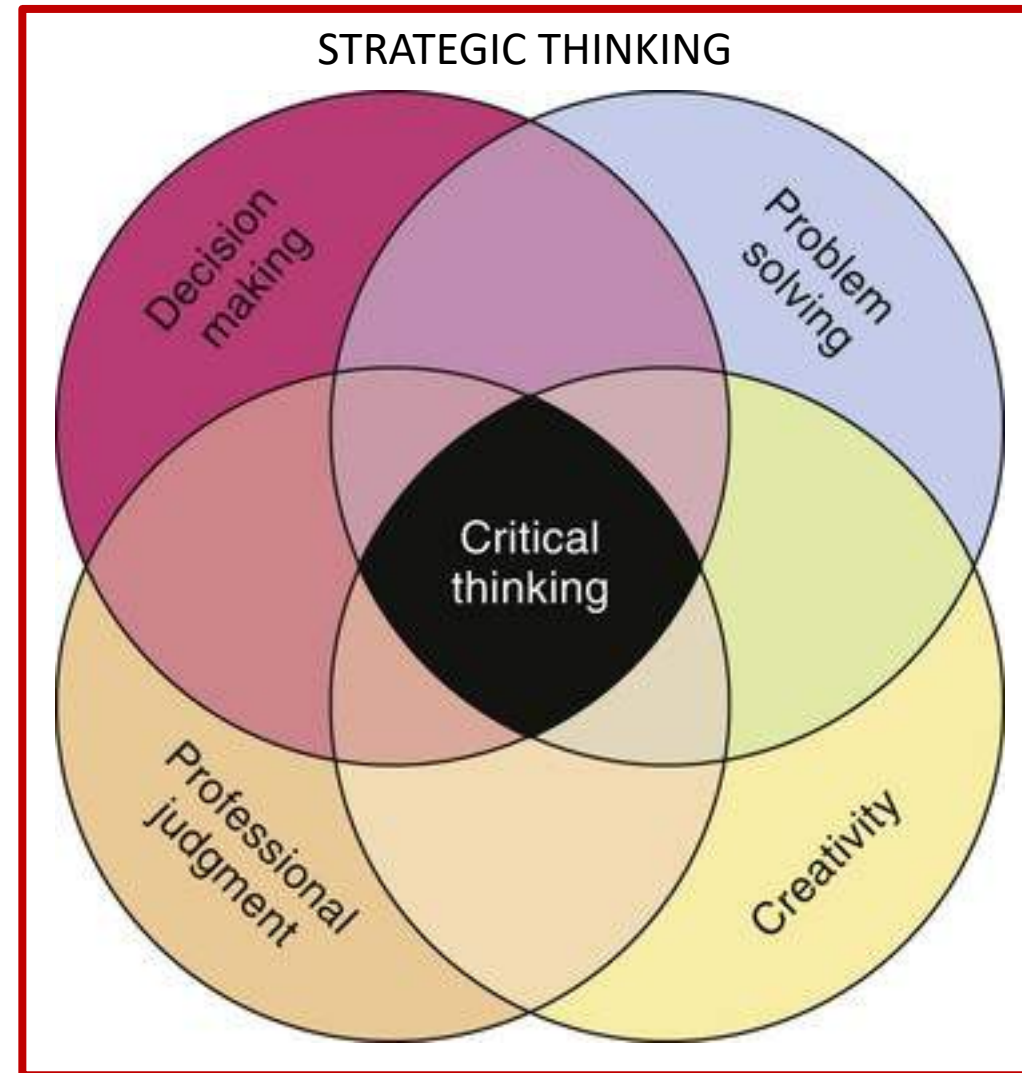
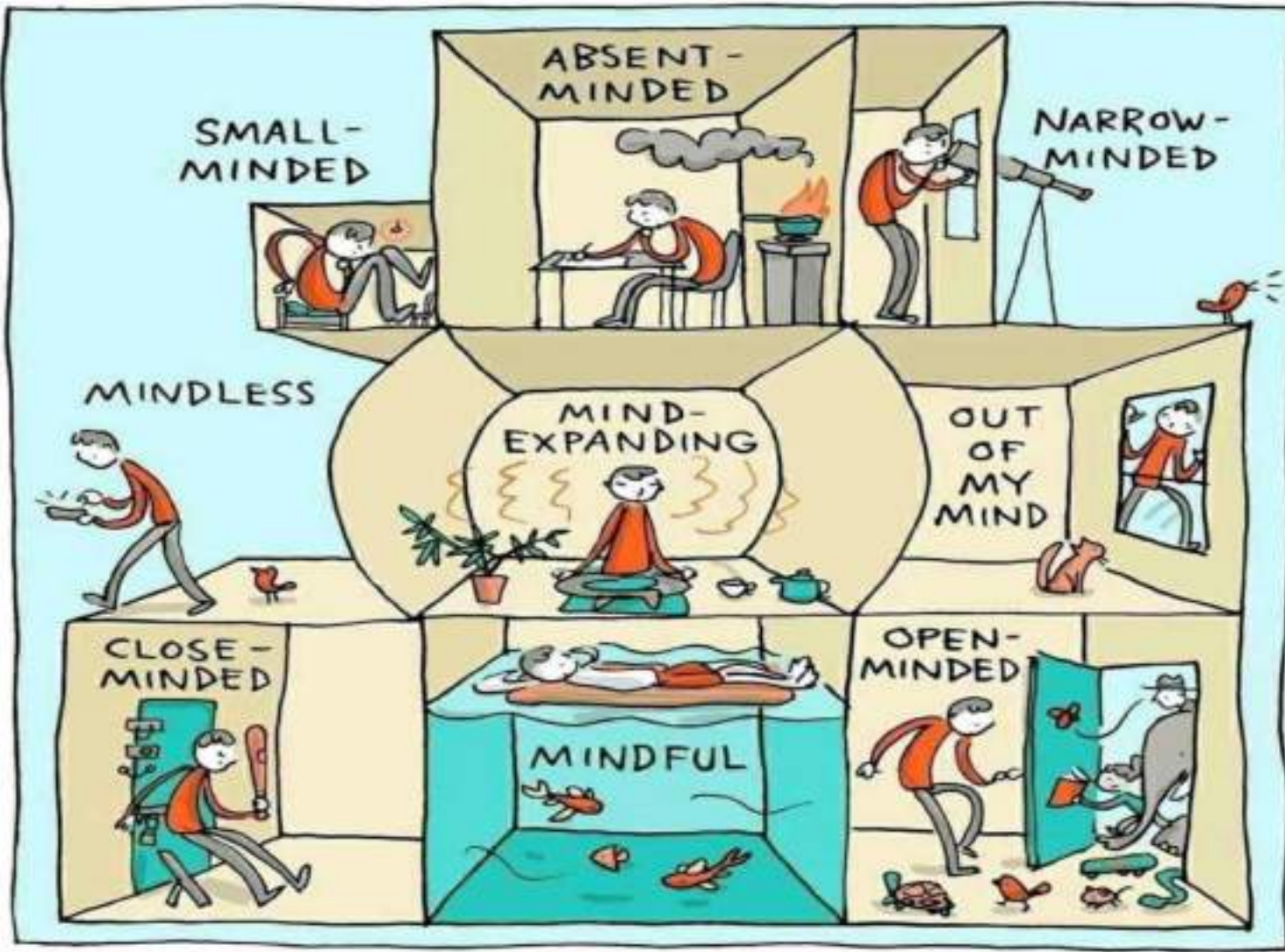


Source : Various Publications

- **Strategic Thinking** is driven by a match between current capabilities and existing opportunities, seeking sustainable advantages
- A successful **Engagement** within certain scenario leads to High Impact **Execution**
- Overall appreciation for **Value Creation** speaks volume in terms of Malaysian Enterprise's long-term reputation thus increased their financial performance



EPILOGUE



**THE BEST WAY
TO PREDICT THE FUTURE
IS TO CREATE IT.**

~ ABRAHAM LINCOLN



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NATIONAL EXPERT
INDUSTRY 4.0 | SOCIETY 5.0 | UNITY 6.0

Having the **BEST** in every things
only gave you upper hands
on paper.

The **REAL** attributes are
STRATEGICALLY
determined by your
ENGAGEMENT
and
EXECUTION ...

RY 2016

