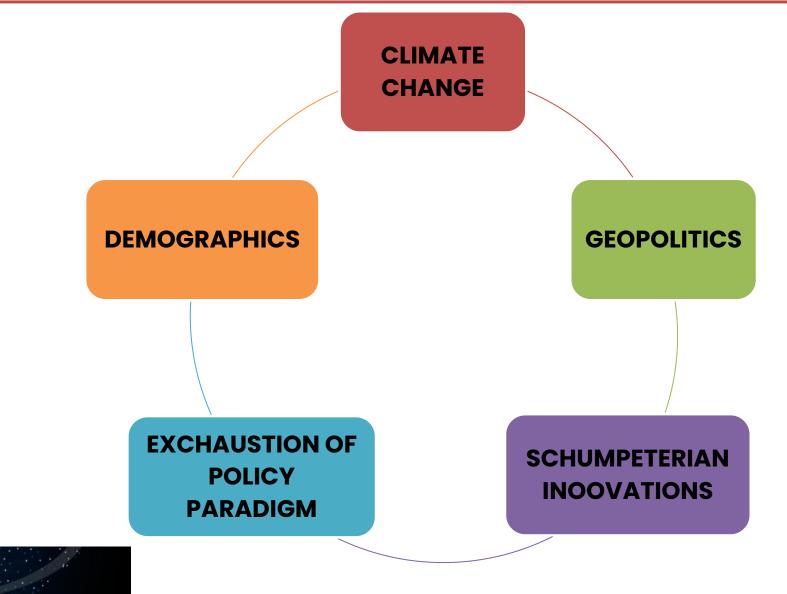
# WORLD DISRUPTIONS & IMPACT ON DEMAND IN ASIA

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These tectonic changes have the capacity to disrupt demand, production and trade, and 4 out of 5 imply a multiplication of Expected But Unpredictable (EBU) events.

They all have self-reinforcing effects that converge today and at least for the next decade, notwithstanding highly different time-schedules.

They do not substitute, or erase the other traditional sources of risks, but change the way we need to look at macro developments, with the set of additional layers of uncertainties as well as new opportunities.





#### **CLIMATE CHANGE**

## The known impact of climate change:

- → Chronic risk (temperatures, sea levels...) with implications on living /working conditions, transportation...)
- → Higher frequency and higher intensity of extreme weather events, with implications on human lives, infrastructure and budget spending

## The deep uncertainties and management issues:

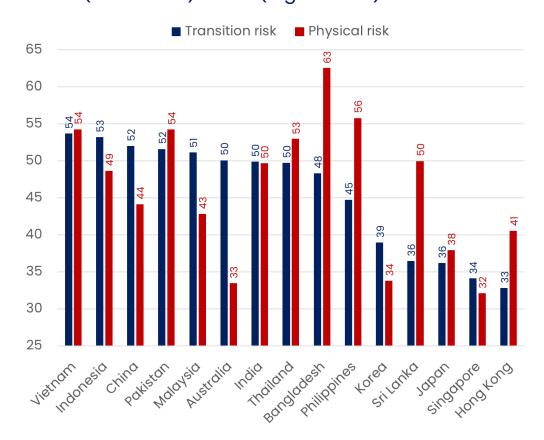
- → As a global phenomenon, climate change requires cooperative process and probably a new set of governance bodies
- Priority arbitrage between adaptation and mitigation will become a critical element for future developments





## **CLIMATE CHANGE**

## Environmental Risk - Transition and Physical Risks From 0 (lowest risk) to 100 (highest risk)

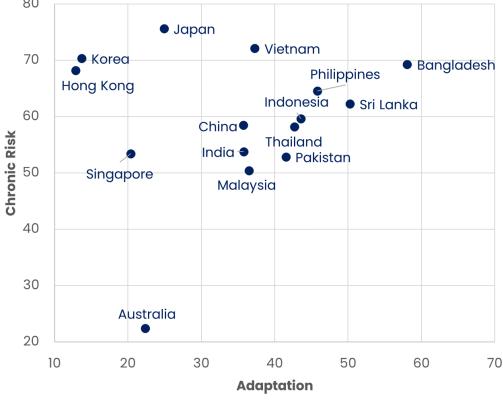


Source: TAC ECONOMICS

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# Environmental Risk - Adaptation and Chronic Risk From 0 (lowest risk) to 100 (highest risk) 80







## **GEOPOLITICS**

## Multipolar Hierarchized World:

- → Higher risks of confrontational developments, with implications on supply chains
- → Trade and technology as instruments of geopolitical rivalries.

## Fragmentation Scenario:

- Differentiated impact on cross border flows of goods, capital and technology" cannot look only at trade flows
- → Higher-priority policies aiming at reinforcing both military and 'home-based' industrial capabilities.





### **GEOPOLITICS**

# GPSI - Anti-Western Polarization From 0 (lowest) to 100 (highest) China - 75 Pakistan - 53 Bangladesh - 56 India - 47 Thailand - 52 Vietnam - 64 Philippines - 41 Sri Lanka - 71 Malaysia - 53 Singapore - 47

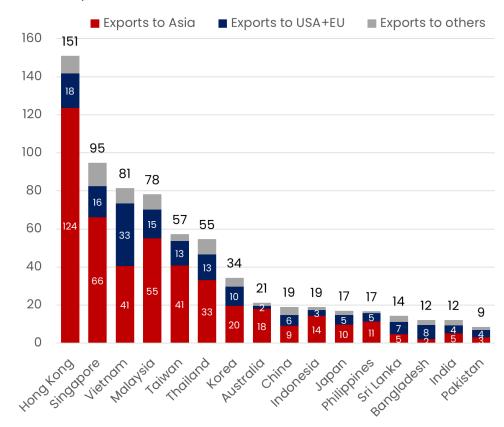
Indonesia - 66

Australia - 21



#### Exports of merchandises (% GDP)

To Asia, USA+EU and others







Very high sensitivity

Medium sensitivity

Very low sensitivity

## **SCHUMPETERIAN INOVATIONS**

Innovation is a permanent feature of economic development, but there are moments when a set of different but inter-related breakthrough have the ability to disrupt the whole economic processes, from household behavior and preferences, to production, distribution, finance and trade.

Experts today highlight four areas of such disruptive innovations

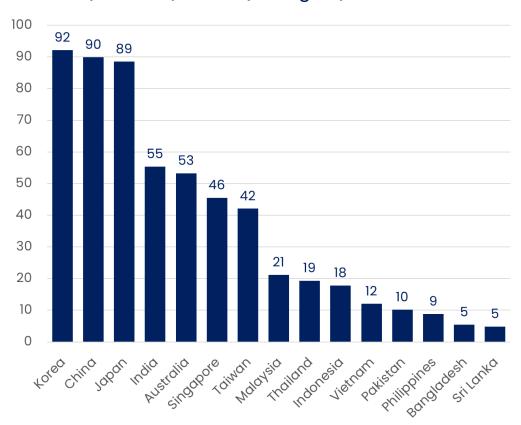
- Artificial Intelligence and Quantum Computing
  - Internet of Things and Autonomous Objects
    - Genomics and Genetic Engineering
    - Renewable Energy, Carbon Capture





## **SCHUMPETERIAN INOVATIONS**

## **GPSI - Position on Critical Technologies** From 0 (weakest) to 100 (strongest)

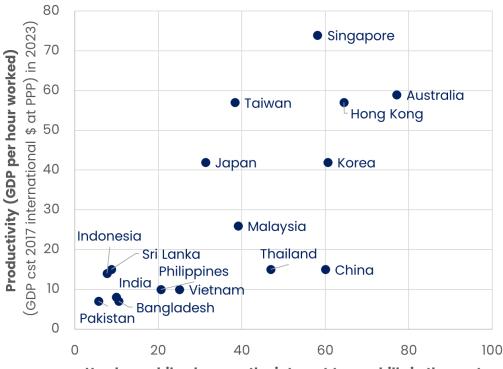


Source: TAC ECONOMICS

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#### Technology adoption and productivity in Asia



Used a mobile phone or the internet to pay bills in the past year (% age 15+)





## **EXHAUSTION OF POLICY PARADIGM**

From the 1980s to the 2008-09 GFC, economic policy models included fiscal caution, monetary neutrality, global trade integration, and key role of market-based mechanisms. Such foundations are now deeply flawed.

- → Public debt close to unsustainability
- → Monetary policy away from neutrality
- → Trade restrictions have flourished

The "new paradigm" is not yet defined, but it is likely to include stronger "government direction", from industrial strategies and fiscal support, to constraints on sourcing, finance and technology.

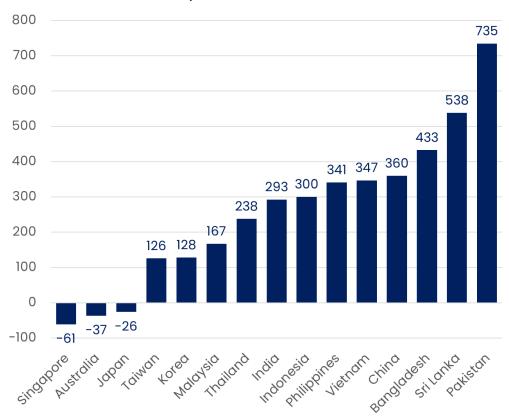




## **EXHAUSTION OF POLICY PARADIGM**

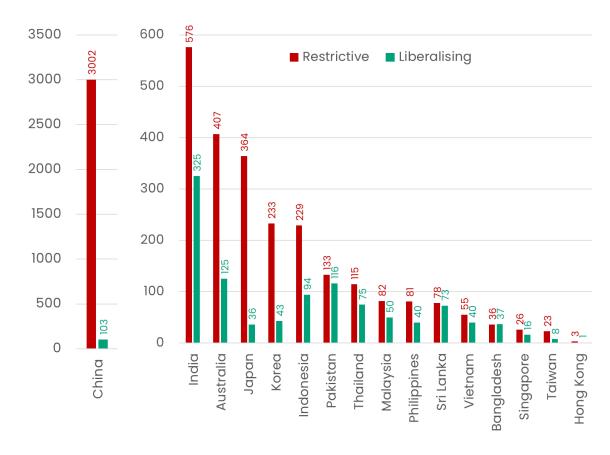
#### **Country Risk Premium**

TAC RRECC in basis points



Source: TAC ECONOMICS, IMF/WEO, Global Trade Alert

## **Number of measures by implementing country** From 2020 to May 2024







## **DEMOGRAPHICS**

## A global trend of ageing:

- → Very visible in Asia, with the exceptional case of China
- → But still a continent of growing population, and, in South Asia and some countries of Southeast Asia, persistent increase in number of "most active" consumers (20-44 years old)

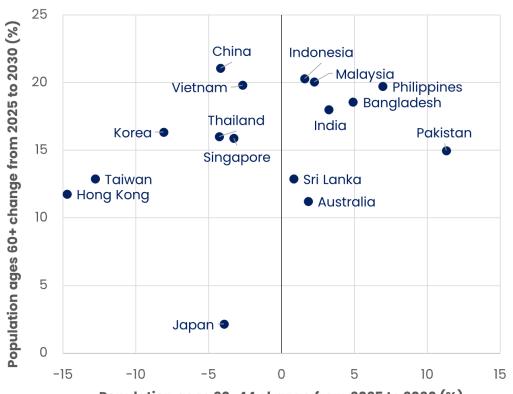
2/3 of Asia total (and working-age) population is in China and India, but they have highly different path to 2030 and beyond





### **DEMOGRAPHICS**

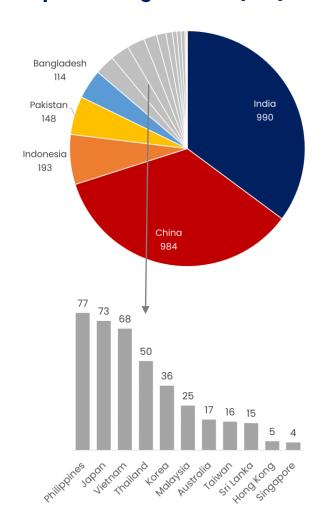
#### Population ages 20-44 and 60+ change from 2025 to 2030



Population ages 20-44 change from 2025 to 2030 (%)

Source: TAC ECONOMICS, UN

#### Population ages 15-64 (mn)



#### **Median Age**

2000	2030
40.8	51.5
35.0	50.4
34.4	39.5
31.2	39.1
31.1	47.8
30.7	48.5
29.0	42.6
29.0	42.9
26.2	34.8
23.6	31.8
22.7	35.7
22.5	33.0
21.2	30.8
19.7	27.7
19.0	28.2
17.0	21.6
	40.8 35.0 34.4 31.2 31.1 30.7 29.0 29.0 26.2 23.6 22.7 22.5 21.2 19.7 19.0





## Key take-aways for final demand in Asia...

## Administrations

- Public spending / PPP on transition / physical risks related to GCC
- Technology catch-up and control
- Structural constraints on budgets
- New policy instruments with greater government interference

## **Export markets**

- Risks of supply chain disruptions and price volatility
- Intra-region + South-South more promising, with "domestic preference" policies
- Uncertainties and likely shock in competitive positions, related to technology adoption and policies

## The Consumer

- Ageing, life-cycle products and services
- Higher spending / adaptation to environmental risks (housing, transport, food)
- Increase presence of local / regional / Global South brands





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