GVC Resilience in the Face of Geoeconomics Shocks

RICHARD BALDWIN

PROFESSOR OF INTERNATIONAL ECONOMICS THE GRADUATE INSTITUTE I GENEVA



About Global Supply Chains

Not one-size-fits all

Simple vs complex GSC

Simple

Sourcing simple inputs from abroad

Complex

Sourcing sophisticated inputs from abroad

Or back-and-forth processing

IGSC risks

Not one-size-fits all

Risks to GSCs

Sources

Supply shocks

Demand shocks

Transport shocks

Types

Idiosyncratic:

Earthquakes, strikes, etc

Systemic: C19, climate, US-CN geoeconomics

GSC recovery concepts

Robustness

Ability to continue during the shock Hard with complex GSCs

Resiliency

Ability to recover quickly after the shock

Are policies needed?

Three points

#1. Match policies & shocks

Demand shocks:

Stockpiling, excess capacity

Idiosyncratic supply shocks

Geo-diversify sources

International transport shocks

Re-shore sources

Systemic shocks (geoeconomics shocks)

Allies, near-shoring, identify strategic sectors

#2. No regrets policies

Supplier information is a public good

Stress test critical supply chains

#3. Macro circuitbreaker

Macro stabilisation dampens snowball effects of disruptions & bankruptcy

Unscrambling the omelette will be hard

Foreign Input Reliance column nation's inputs in row nation's domestic production

Message:
China is like the
"OPEC of industrial
inputs worldwide"



I END

Thanks for listening

Foreign Input Reliance (FIR); foreign gross production (column nation) usage as share of domestic gross production (row nation)

