April 14, 2020

11:00 AM EDT

Have a question or need support. Email us at:

info@supplywisdom.com

SUPPLY WISDOM



COVID-19: CONVERSATION WITH TPRM LEADERS

Monitor a critical third-party or location target for free with Supply Wisdom. Email us at info@supplywisdom.com

For free & real-time Covid-19 risk alerts, visit: supplywisdom.com/covid19



Victor Meyer

Global Head of Third-Party Risk
Management (TPRM) Remediation
Program, Non-Financial Risk
Management, **Deutsche Bank**&

Former Vice-Chair, WEF Global Agenda Council on Pandemic

SUPPLY WISDOM

EXPERT PANELISTS



Atul Vashistha
Chairman
Supply Wisdom &
Neo Group



John Bree
Chief Evangelist &
CRO
Supply Wisdom



Sandeep Suresh Head - Research Supply Wisdom

CHINA: RISKS SECOND WAVE OF INFECTIONS AS IMPORTED CORONAVIRUS CASES INCREASE

High Impact

Alert

Immediate

Impact Alert

China reimposes restrictions amid Caronavirus fear of second infection wave of COVIDcontinues to 19 cases Apr 9. Coronavirus 2020 Approximately infection 78,604 people continues to SW Subscribers are infected and advised to Mar 19, 2.715 deaths evaluate Approximately Apr 3. 2020 reported 📍 24,330 people 2020 Caranavirus options to Japan infection continues migrate critical are infected earmarks US\$ and 500 deaths It is advised to rise: France. processes to 2.2 B of its Feb 13, reported to review SW Subscribers Italy, Japan, nearby record Feb 27, 2020 talent unaffected Australia, and the 2020 economic advised to Global markets management, US are expected to regions stimulus ensure all staff Chinese authorities slide amid fears SW knowledge evacuate citizens package to travel to reported 139 new Jan 30, of coronavirus Subscribers transfer, and from Wuhan help impacted cases of 2020 Feb 5, pandemic; Risk advised to transition manufacturing regions is coronavirus in the 2020 More than 50 of imported ensure plans of third companies evaluated and cities of Wuhan, countries or caranavirus parties/captiv remote approved at the Emergency Beijing, and SW Subscribers territories have workers can cases prevail, e units Jan 24, production out Health Warnings appropriate Shenzhen advised to Jan 27, although no imposed travel 2020 be relied on operating in of China as the management amidst rising 2020 immediately Major tech new confirmed restrictions and to perform the affected coronavirus level cases of Viral test Business companies impose cases of local tiahtened visa critical regions disrupts Pneumonia in Continuity business restriction transmission requirements for business supply chains Jan 9, Wuhan, Hubei amid coronavirus Plans for China to contain Jan 20, functions by 2020 Government shuts outbreak. mission critical 2020 the virus conducting down transport in processes. drills and eight cities over functions, and tests regularly Caronavirus, activities SW Subscribers Jan 2, Restricting the advised to ensure 2020 Travel movement of procedures for advisories SW Subscribers approximately 26 evacuating issued by million people advised to ensur employees to authorities in that third parties safe locations are US and Canada / captive units in place, if for Wuhan have in-house required health. professionals to detect sickness

Medium Impact

Alert

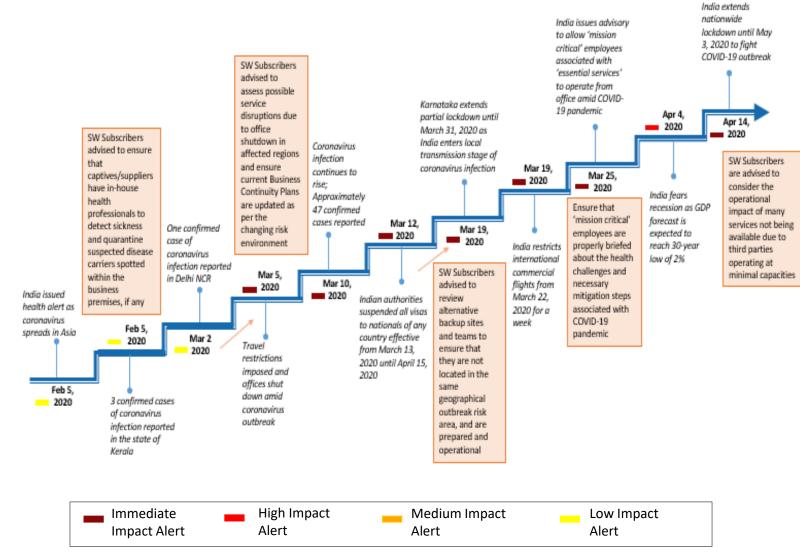
Current Situation

- ✓ On April 9, Japan confirmed it was looking to move away from China as its main manufacturing hub
- On April 3, more than half a million people in Jia, Henan have been put under a new COVID-19 lockdown
- On March 18, China reported no new local confirmed cases of coronavirus (COVID-19) infection for the first time since the crisis began in January 2020
- However, 34 new confirmed cases from abroad were noticed, the biggest daily increase in two weeks, of which, Beijing accounted for 21 cases
- ✓ Approximately 3,245 deaths and over 81,000 confirmed cases are existing in the country
- On March 18, authorities in Hubei decided to partially open its borders to allow healthy people from low-risk areas to leave the province, excluding Wuhan
- However, a second wave of infections is in effect due to surge in confirmed cases from abroad, with an average of 20,000 people flying into China every day

Alert

Low Impact

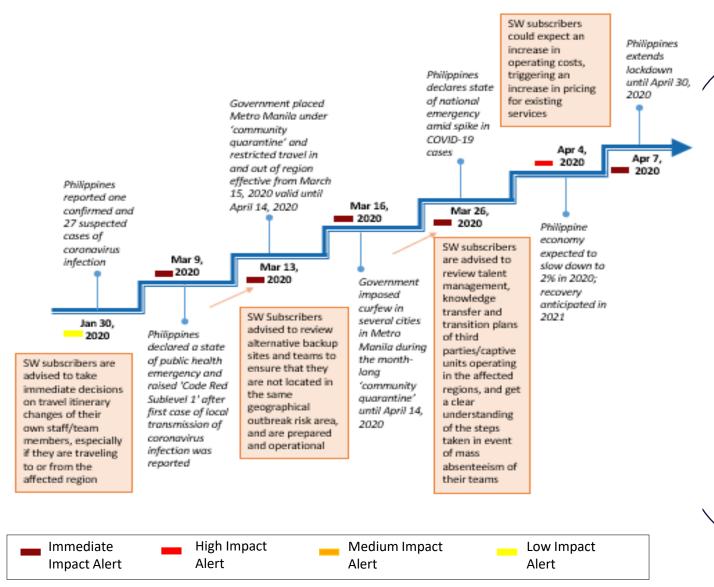
INDIA: LOCKDOWN EXTENSION IMPOSED UNTIL MAY 3, INITIALLY SET TO END ON APRIL 14, 2020



Current Situation

- ✓ On April 14, India extended the nationwide lockdown until May 3, initially set to end on April 14, to curb the spread of COVID-19
- ✓ India is currently in local transmission stage of coronavirus pandemic
- On March 20, Maharashtra government announced closure of offices, except essential services, effective from March 20 until March 31
- ✓ On March 18, Karnataka government extended partial lockdown in the state until March 31, 2020 to curb the spread of COVID-19
- Several other states, including Uttar Pradesh, Odisha, Punjab, Haryana, Bihar, and Kerala also shut schools, colleges, cinema halls, gyms, and large gatherings
- ✓ Government restricted landing of all international commercial passenger aircraft in the country
- ✓ Authorities are taking stringent precautions to ensure 'social distancing' and 'self-isolation'
- Fitch Ratings downgraded India's growth forecast to a 30-year low of 2% in 2020 from earlier projection of 5.1%

PHILIPPINES: EXTENDS LOCKDOWN UNTIL APRIL 30 AFTER CASES EXCEED 4,000



Current Situation

- On April 14, authorities imposed a 24-hour lockdown in Barangay 20 in Manila, starting at 8 pm (PHT) after approximately 100 residents in the region gathered in the street for leisure activities amid the ongoing lockdown
- ✓ Philippine government placed Metro Manila under 'community quarantine' and restricted travel in and out of region effective from March 15, 2020 valid until April 14, 2020
- ✓ During the quarantine period, people and transport flows in and out of the region would be restricted and subjected to case-to-case assessment
- ✓ Imposed curfew in several cities in Metro Manila during the month-long 'community quarantine' valid from 8 pm (PHT) to 5 am (PHT) until April 14, 2020
- Cities that imposed curfew are Caloocan, Las Pinas, Makati, Mandaluyong, Manila, Muntinlupa, Pasay, Pasig, Quezon City, and Taguig
- Government also expanded travel ban to countries with localized transmission to restrict entry of foreigners through land, air, or sea
- On April 7, Philippines extended lockdown until April 30, 2020 after COVID-19 cases exceeded 4,000

WORLD ECONOMIC FORUM PANDEMIC WHITE PAPER



White Paper

Outbreak Readiness and Business Impact Protecting Lives and Livelihoods across the Global Economy

"Economists estimate that, in the coming decades, pandemics will cause average annual economic losses of 0.7% of global GDP – a threat similar in scale to that estimated for climate change. As this report makes clear, this is a level of risk that businesses can no longer afford to ignore."

January 2019

CASCADING IMPACTS OF CATASTROPHIC RISK

China | Hong Kong





Deutsche Bank Footprint: Staff 1.293

Locations 1 Austin Road West, Kowloon

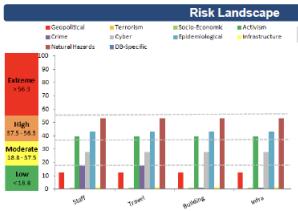
Travellers 2,772 (Q3 2014)

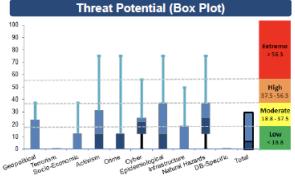
Business CB&S, GTB, AWM, Infrastructure

-unction

Functions		
Rating Benchmark:		
CRG	Low (Travel rating)	
TRAG	Low	
AKE	17 / 100	
DBR Risk	iAA+	
Travel Advice:		
Warning	NIL	
Alert	NIL	
Evacuation	Preparatory	
Events:		
Sep 2014	Students' strike and ongoing	

political protests





	Domain of Interest	Threat	Risk	
	Geopolitical	6	13	
	Terrorism	0	0	
	Socio-Economic	13	1	
	Activism	31	40	
ï	Crime	13	18	
	Cyber	31	28	
	Epidemiological	38	43	
	Infrastructure	0	2	
L	Natural Hazards	38	53	
	DB-Specific	0	0	
	Evalenatory Notes			

Explanatory Notes

- Hong Kong's location makes it prone to severe weather conditions, especially typhoons.
- High population density, intracountry travel patterns and a history of disease outbreaks increases epidemiological risks.
- Various pro-democracy groups have staged protests demanding democratic reforms, including blockade actions that have disrupted infrastructure and transportation.
- Political activism will remain the dominant theme in Hong Kong in the short term.



Deutsche Bank

Corporate Security & Business Continuity

Confidential

Protective Intelligence February, 2015

Has your third party performance deteriorated in the last 2 weeks?

MOST COMPANIES LACK APPROPRIATE RISK MANAGEMENT

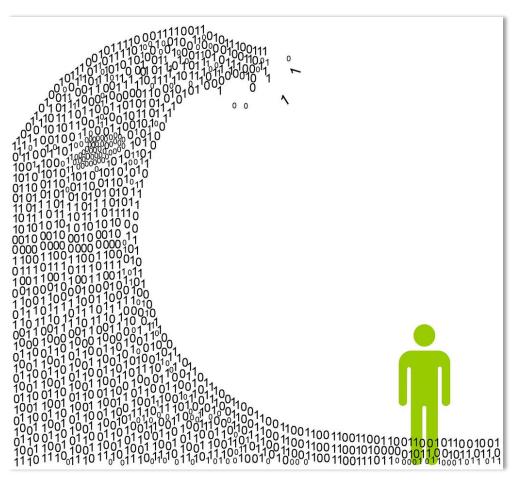
Common Deficiencies In Risk Programs

- × No Continuous Monitoring
- × No Real-time Monitoring
- × Episodic Assessments
- × Reactive In Nature
- × Limited Risks Assessed
- × Location Risk Missing
- × Individual Dependent
- × Missing Guidance

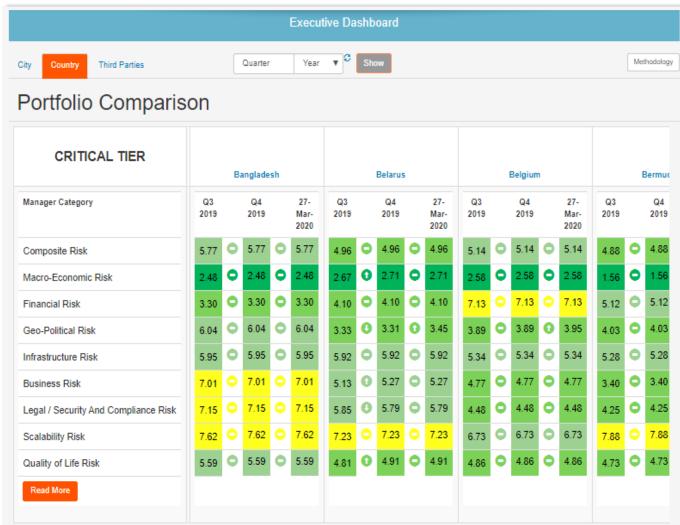


DATA OVERLOAD... SOLVED

PROBLEM



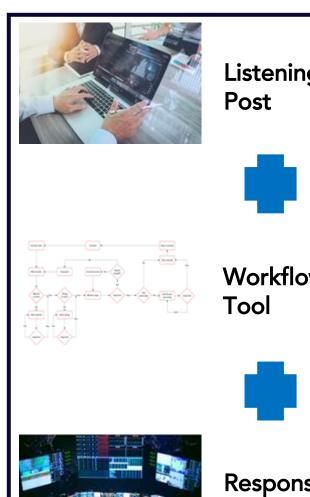
SOLUTION



How confident are you in your ability to monitor your third party's changing risk profile?

MAKING DATA ACTIONABLE

Risk Operations Center (ROC)SM



Listening

Workflow

Response Center



Business Functions that receive data, guidance, and action steps from ROC









Internal Actions

Third-Party Actions











Response Center Workstreams:

- 1. Incident/Issue Progression
- Workforce
- Technology
- 4. Location

- Finance
- **Authorities**
- **Facilities**
- Third-Party
- Communications

THE RIGHT SOLUTION



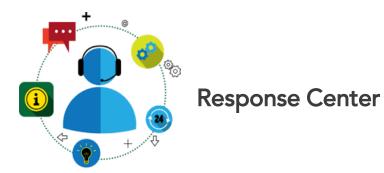
Comprehensive Intelligence



Real-time & Continuous



No Noise Risk Alerts



Have a question or need support. Email us at:

info@supplywisdom.com



Monitor a critical third-party or location target for free with Supply Wisdom. Email us at info@supplywisdom.com

For free & real-time Covid-19 risk alerts, visit: supplywisdom.com/covid19