Covid-19: Current and Post Effects on F&B industry in Indonesia



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Webminar: Food Ingredients Asia May 2020



NORMAL CONDITION

Mission Possible: Indonesia towards the 4th Largest World Economic

Market & Industry Overview







Indonesia



Huge opportunity for Food Industry



Spatial Added Value of the Food and Beverage Industry in 2019



Source: BPS

The Spatial Value Added Structure of Food and Beverage Industries in 2019 is still dominated by the provincial groups in Java that contributed to the Total Added Value of the Food and Beverage Industry by 52.03 percent.



All About Food Industry: F&B Investment Realization

Investment in F&B industry sector 2018: ▷ DDI grow around 1.4%
▷ FDI grow minus 33.6% Investment in F&B industry sector 2019: → DDI grow minus 6.4% → FDI grow minus 2.7%

INVESTMENT	2015		2016		2017		2018		2019	
	Р		Р]	Р]	Р		Р	
DDI	879	24,533.99	1,169	32,028.50	1,419	38,540.10	1,562	39 <i>,</i> 087.93	2,419	36,602.5
(Rp. Billions)										
FDI	886	1,521.18	1,947	2,115.00	1,649	1,970.30	1,377	1,307.31	1,848	1,272.2
(USD million)										
Total	1,765		3,116		3,068		2,939		4,267	

Challenging in F&B Investment

Quarter I 2020: Sector, Location, and Country of Origin Investment Realization in Quarter I 2020: Based on Sector





Export – Import Food products included CPO in 2019







Source: Pusdatin, Mol

Source: Pusualin, iv

Export of Non-Oil sector still increase until March 2020

	2019	2020	%	
January	12,693	12,605	(0.69)	Million U
February	11,445	13,122	14.65	
March	12,981	13,420	3.38	Source: BP

Every country wants to ensure food availability

USD	SECTOR	2019**	2020***	
	SECTOR	Jan - Mar	Jan - Mar	%
	Food and Beverage	6,434.30	7,194.24	11.81
3PS	Food	6,407.64	7,173.18	11.95
	Beverage	26.66	21.07	(20.97)

• As of March, exports are still rising,

• It is estimated that exports will decline after March 2020

Balance Trade Agriculture up to February 2020 (in USD)

Source: MoA

	Export (Jan-Feb)		%	Import (Jan-Feb)		Balance (Jan-Feb)	
	2019	2020	2019	2019	2020	2019	2020
Horticulture	75,513,871	91,073,333	21	244,166,035	167,838,895	(168,652,164)	(76,765,562)
Livestock	94,826,485	125,702,326	33	490,461,803	490,590,207	(395,635,318)	(364,887,881)
Food Crop	16,054,764	17,894,231	11	1,147,534,974	1,189,865,017	(1,131,480,210)	(1,171,970,786)
Plantation	4,028,178,644	5,805,922,164	44	628,968,489	785,427,083	3,399,210,155	5,020,495,081
Total Agriculture	4,214,573,764	6,040,592,054	43	2,511,131,301	2,633,721,202	1,703,442,463	3,406,870,852

Trade Balance of Semi processed & Processed Food in 2016-2020 Feb

in 1000 USD . Source: BPS/ Ministry of Trade

Indonesia – World

	Export			Import		Balanced			
2018	2019	2020 Mar	2018	2019	2020 Mar	2018	2019	2020 Mar	
7,447,061	7,458,641	1,790,759	8,452,702	7,483,268	2,045,674	(1,005,642)	(24,627)	(254,915)	

Indonesia – ASEAN

Indonesia – ASEAN	Export			Import			Balanced			
Country	2018	2019	2020 Mar	2018	2019	2020 Mar	2018	2019	2020 Mar	
MALAYSIA	706,744	584,079	137,908	535,346	413,538	105,116	171,399	170,540	32,792	
PHILIPPINE	753,221	967,450	150,838	49,368	31,877	15,376	703,852	935,573	135,462	
SINGAPORE	394,631	346,945	88,288	235,631	280,799	79,359	159,001	66,146	8,929	
VIETNAM	273,387	265,844	40,377	65,403	49,587	13,587	207,984	216,257	26,790	
CAMBODIA	270,727	324,998	94,321	444	2,926	131	270,283	322,072	94,191	
THAILAND	234,788	237,127	72,664	1,705,984	1,436,655	385,302	(1,471,196)	(1,199,529)	(312,638)	
BRUNEI DARUSSALAM	13,441	13,217	3,149	1	56	0	13,440	13,161	3,148	
MYANMAR	62,010	51,752	14,646	5,993	2,535	44	56,017	49,217	14,602	
LAOS	231	75	44	62	159	840	169	(84)	(796)	

Indonesia – RECP + Taiwan

Indonesia -										
RCEP + Taiwan		Export			Import		Balanced			
Country	2018	2019	2020 Mar	2018	2019	2020 Mar	2018	2019	2020 Mar	
JAPAN	291,306	350,255	77,358	27,082	29,295	10,203	264,224	320,961	67,155	
PR of CHINA	397,428	420,853	78,415	843,455	795,401	180,483	(446,027)	(374,547)	(102,068)	
SOUTH KOREA	195,046	175,218	41,879	146,879	134,687	33,015	48,167	40,530	8,864	
NEW ZEALAND	178,636	128,566	53,135	51,008	66,073	13,955	127,628	62,493	39,180	
AUSTRALIA	214,889	236,885	62,461	432,254	282,987	165,984	(217,365)	(46,102)	(103,523)	
INDIA	120,986	139,065	40,582	119,578	92,222	22,199	1,408	46,844	18,383	
TAIWAN	80,193	77,926	17,268	29,822	45,755	10,143	50,371	32,170	7,125	



Status Covid-19 (7th May 2020) https://www.google.com/search?client=firefox-b-d&q=global+data+covid-19

					Country	Confirmed	Recovered	Deaths
					Worldwide	3.94M	1.32M	275K
Indonesia 💌					Indonesia	13,112	2,494	943
Confirmed	Recovered	Deaths			Taiwan	440	355	6
13,112	2,494	943 +35			Indonesia 🔹			
Location		Confirmed↓	Recovered	Deaths	200			367
Banten		505	122	56	800		1	07 May
Jakarta		4,955	745	424	600		• 1	
West Java		1,404	184	92	400		M	$\wedge M \wedge$
East Java		1,284	215	138	200	\sim	~\\\- \.	
Central Java		933	161	65	。	Mar 26 Apr 5	Apr 15	Apr 25 May 5
Additional cases are r	new cases reported yesterd	lay · Updated less than 20 m	ins ago · Source: <u>W</u>	/ikipedia		Mar 26 Apr 5	Apr 15	Apr 25 May 5

About this data

The trend is still going up When it end? \rightarrow Many factors affect the transmission

Updated less than 40 mins ago · Source: Wikipedia · About this data

Ad Hoc Policy due to COVID-19 Pandemic

Central Government's Policy:

- **1.** Maintain buying power
- 2. Request industries to continue operating (especially strategic industries such as food, health, etc.)
- 3. Processed food products are expected to support food availability during a pandemic
- 4. Operating industries must implement strict pandemic prevention protocols, including regulating workers to comply with established procedures (physical distancing, wearing masks, etc.)
- 1. Presidential Decree 12/2020: Determination of non-natural disasters spreading corona virus disease 2019 (COVID -19) as a national disaster (13 April 2020)
- 2. Minister of Industry Circular 7/2020: Guidelines for Submitting Application for Licensing for Industrial Activity during the Public Health Emergency COVID-19 (9 April 2020)
- 3. Minister of Industry Circular 4/2020: Implementation of Factory Operations in the Public Health Emergency COVID-19 (7 April 2020)
- 4. Minister of Trade's Letter 317/2020: Maintaining the Availability and Smooth Supply of Goods for the Community (3 April 2020)
- 5. BPOM Circular No: HK.02.02.1.2.04.20.12 / 2020: Efforts to Maintain the Availability of Quality Medicines and Food during the Period of Specific Emergency Situations in the Covid-19 Plague in Indonesia (3 April 2020)
- 6. Government Regulations in Lieu of Law 1/2020: State Financial Policies and Financial System Stability for Handling Covid-19 Pandemic and/or in Overcoming Threats that Harm National Economy and/or Financial System Stability (31 March 31 2020)
- 7. Presidential Decree 11/2020: Determination of Community Health Emergency due to Corona Virus Disease (31 March 2020)
- 8. Presidential Decree 9/2020: Amendment of Presidential Decree 7/2020 concerning Task Force for the Acceleration of Handling Covid-19 (20 March 2020)



IOMKI – Ministry of Industry (License to Operate)

SURAT KETERANGAN/IZIN OPERASIONAL DAN MOBILITAS KEGIATAN INDUSTRI

Nomor: 00001

Kementerian perindustrian memberikan izin operasional dan mobilitas untuk menjalankan kegiatan industri kepada perusahaan industri yang tersebut di bawah ini:

PT Indo Pangan

yang beralamat di JI. Raya Arteri Km 19, Brangsong, Brangsong, Kabupaten Kendal, Jawa Tengah,

sebagai industri yang memerlukan keberlanjutan dalam proses produksinya dan perlu diberikan dukungan kemudahan dan fasilitasi kelancaran mobilisasi usahanya oleh pihak/instansi terkait.

PT Indo Pangan tetap memperhatikan jumlah minimum karyawan dan wajib memenuhi ketentuan pelaksanaan operasional pabrik dalam masa kedaruratan kesehatan masyarakat Corona Virus Disease 2019 (Covid-19), sesuai Surat Edaran Menteri Perindustrian Nomor 4 Tahun 2020.

PT Indo Pangan bertanggung jawab secara hukum apabila terdapat tindakan pelanggaran dan penyalahgunaan Surat Keterangan ini. Apabila selanjutnya ditemukan hal-hal yang bertentangan dengan perundangan dan ketentuan yang berlaku, maka Surat Keterangan ini dinyatakan batal demi hukum.

Keaslian isi Surat Keterangan ini dapat dicek dengan cara men-scan gambar QR Code berikut:



MENTERI PERINDUSTRIAN REPUBLIK INDONESIA

Yth. 1. Ketua Kamar Dagang dan Industri Indonesia

- 2. Ketua Asosiasi Pengusaha Indonesia
- 3. Ketua Asosiasi Industri
- Pimpinan Perusahaan Industri/Perusahaan Kawasan Industri
- di

Tempat

SURAT EDARAN

MENTERI PERINDUSTRIAN REPUBLIK INDONESIA

NOMOR 7 TAHUN 2020

TENTANG

PEDOMAN PENGAJUAN PERMOHONAN PERIZINAN PELAKSANAAN KEGIATAN INDUSTRI DALAM MASA KEDARURATAN KESEHATAN MASYARAKAT CORONA VIRUS DISEASE 2019 (COVID-19)



The industry must implement strict protocols for the prevention of Covid-19

PEDOMAN

PRODUKSI DAN DISTRIBUSI PANGAN OLAHAN

PADA MASA STATUS DARURAT KESEHATAN CORONA VIRUS DISEASE 2019 (COVID-19) DI INDONESIA

 BADAN POM
 COVID-19 in INDONESIA

 <u>E-book</u>

 <u>https://bit.ly/PedomanProduksiDistribusiPanganOlahan</u>

Food Sanitation: GMP, HACCP

GUIDELINES FOR MANUFACTURING AND DISTRIBUTION

OF PROCESSED FOOD in Emergency Health Status of

- Personal hygiene and health
- Physical Distancing
- Distribution & Retail : GDP
- Delivery Services
- Sales facility for Ready to Eat Food



BADAN PENGAWAS OBAT DAN MAKANAN RI APRIL 2020

Impact

- <u>▲ (Social Distancing)</u> → Physical Distancing
- PSBB (large-scale social restrictions), instead of lock down → regulated by 4 Provinces and 22 District/City (update 3rd May 2020)
- Psychology's impact (fear factor, worries)
- Most activities and tourism stops
- People's income suddenly drops or stops
- Potential for food insecurity and the addition of poor population
- Production and Consumption is disrupted
- Certain products category is increasing during WFH (milk, spices, cooking oil, flour, biscuits, and also nutritional food)
- Online market is increasing significantly in percentage (from small a small base)
- Supply Chain disrupted (especially fresh food) → including export import in GVC



- Distrust
- Capital out flow
- Exchange rate pressure
- Cash flow risk
- Lack of working capital

Survey to member : Impact Pandemic Covid-19

- Sales decline occurred after the 3rd week of March
- Normally, before the fasting month Ramadhan and Eid, the sale of food products should increase sharply
- Unfortunately, it not be happened → NO FESTIVE , the sales is predicted as a normal month

2nd April 2020: An estimate of what percentage of sales will decline in the next two months? (63 respondent)





Opportunity

Food category is still good sales

- Cooking oil
- Seasoning
- Milk and liquid milk
- Breakfast food
- Canned fish and meat
- Instant noodle
- Dry food
- Biscuits
- Functional and nutritious food

- Good sales occur in the Modern Trade (MT) in big cities
- Whereas in traditional markets (GT) it is mostly down
- Many outlets are closed during restriction
- Demand decreases
- People (especially medium low class income) focus on purchasing basic necessities products

FMCG F&B markets:

- MT = 26 27 %
- GT = 73 71%
- Online = 1 2 % (during Covid-19 is reported the sales increase significantly up to 500 – 600%, but from small base

Opportunity: Food Delivery Services and Online Order during Pandemic Covid-19



detikInet > Business

Sales of F&B Products in E-commerce have Risen Sharply during Covid-19

Anggoro Suryo Jati - detikInet

Jumat, 24 Apr 2020 09:31 WIB

©0 komentar





- Reported by e-Commerce Sirclo enabler, the demand for food and beverage products increased 143% from February to March 2020. Products such as instant packaged drinks, packaged juices, and milk were the highest increasing products, followed by resistant food packaging products. long time, like biscuits, gravy, and snacks.
- Until the second week of April, the increase in demand for these products has been 1.5 times compared to February. Until the end of April, the increase compared to February is expected to reach 261%.

Forbes report: Five Ways That Coronavirus Will Change The Way We Eat

https://www.forbes.com/sites/daphneewingchow/2020/03/31/five-ways-that-coronavirus-will-change-the-way-we-eat/#35f0226c1a2b

1. Home cooking will make a resurgence

- <u>Yelp's Coronavirus Impact Report</u> : consumers want food with **minimal human touch points**.
- Survey by <u>Technomic</u>: 32 % of adults plan to eat at restaurants less often due to COVID-19 concerns..
- Survey by <u>Variety</u>: 47 % of respondents agreed that the idea of going to a major public event "will scare me for a long time."
- Home cooking could also result in an increase in sales of cooking staples, meal kits and accompaniments to meals.

2. Healthy and Organic Eating will become increasingly important

- An increase in demand for organic food, vegan, vegetarian and other healthy foods as a result of the pandemic.
- The March performance of organic food companies such as Nourish Organics, which experienced an increase in sales of approximately 30 % and the surge in demand for organic vegetable box delivery in the United Kingdom

3. Food Safety will come under a tighter lens

- No evidence that coronavirus is transmitted via food
- Survey by <u>The Packer</u>, grocery shoppers have changed their shopping habits due to fears of catching coronavirus from food.
- Survey respondents : **buying less fresh produce** in grocery stores and **more canned foods** due to fears around food safety.
- Consumers want food that is pre-packaged. Even among those who understand that they cannot catch coronavirus from food, there is an elevated fear around food safety that has even extended to home kitchens.

Forbes report: Five Ways That Coronavirus Will Change The Way We Eat

https://www.forbes.com/sites/daphneewingchow/2020/03/31/five-ways-that-coronavirus-will-change-the-way-we-eat/#35f0226c1a2b

4. There will be reduced demand for exotic, risqué foods

- 20,000 wildlife farms in China have been shut down or quarantined and a strict ban is being implemented on the farming and consumption of exotic animals.
- Although there is some **disagreement** around which **animal transferred the virus to humans**, it is an accepted fact that outbreaks are more likely when exotic animals from different environments, with viruses that are specific to those environments, are kept in close proximity.

5. There will be greater focus on eating local

- Yelp's Coronavirus Impact Report: consumers are more likely to want to know the source of their food.
- Community-supported agriculture (increase in demand of 430 %) and farms (increase in demand of 149 %).
- On the supply side, the interruption of global supply chains and closure of borders due to COVID-19 will impact foreign food production and reduce imports.
- Consumers will also want to limit their exposure to crowds for quite some time, which will increase the demand for online purchasing of food, curb side pick up, take out and delivery.

How to anticipate: Shifting the Patterns of Life and Business

Based on several survey, courtesy of Mc Kinsey, FIA, Palette, Forbes, etc

Shifting in sales channels

-Distribution channels, including those related to food safety and sanitation / hygiene
-The way to market the products and services
-Changes in product handling systems
-Less dine in, more home eating

Shifting the mindset of earning income and spending

-Each social class has a different character, but all will be influenced by experience during COVID-19 -Shifting of lifestyle

Shifting in the mindset of food safety and Resource

-Health concern and eating more healthy food (nutritional, plant based & functional food)
-Packaging becomes an important element in extending the shelf life and food safety
-Fresh, Frozen and packaged food
-Concern the origin of food

Shifting in brand loyalty -Opportunity for new comer -Challenges

The Food Industry must be Ready to Adapt the Changes



Impact to Food Trade & GVC

The end of Trade War

Entering a New Normal Economic Era

IMF (24th March 2020)

- COVID-19 may trigger global recession in 2020 that could be worse than the one triggered by the global financial crisis of 2008-2009
- World economic output should recover in 2021

McKinsey

- Global slowdown in demand to improve and consumer confidence to recover when disease is perceived "under control"
- Retailers with thin margins in affected areas likely to face severe drops in demand,
- Liquidity and working capital constraints, forcing companies at risk (especially SMEs) to lay off workers
- Cross-sector impacts due to logistics challenges
- Governments may step in with stimulus strategy (e.g., Postponing employee benefit payments)
- Risk mitigation by pursuing online / omni-channel strategies given accelerated trend in consumer behavior

Indonesia

- Maintain Food security : availability affordability nutritious
- Maintain Buying power
- Incentives package and Grant to ensure efficiency in the production and supply chain

Mitigating impacts of COVID-19 on food trade and markets

Joint Statement by QU Dongyu, Tedros Adhanom Ghebreyesus and Roberto Azevedo, Directors-General of FAO, WHO and WTO (<u>http://www.fao.org/news/story/en/item/1268719/icode/</u>) 31 March 2020, Rome/Geneva

- 1. Millions of people around the world **depend on international trade** for their food security and livelihoods.
- 2. Countries should ensure that any trade-related measures do not disrupt the food supply chain.
- 3. Uncertainty about food availability can spark a wave of export restrictions, creating a shortage on the global market.
- 4. The **balance between food supply and demand**, resulting in **price spikes** and increased price volatility.
- 5. From previous crises that such measures are particularly damaging for low-income. Must prevent the repeat of such damaging measures.
- 6. International cooperation becomes vital.
- 7. In the midst of the COVID-19 lockdowns, every effort must be made to ensure that trade flows as freely as possible, specially to avoid food shortage.
- 8. Food producers and food workers at processing and retail level are protected to minimize the spread of the disease within this sector and maintain food supply chains.
- 9. Consumers, in particular the most vulnerable, must continue to be able to access food within their communities under strict safety requirements.
- **10.Information on food-related trade measures**, levels of food production, consumption and stocks, as well as on food prices, is available to all in real time.
- 11. Response to COVID-19 does not unintentionally create **unwarranted shortages of essential items** and exacerbate **hunger and malnutrition.**



7 April 2020

Food supply chain disruptions and trade protectionist measures amid COVID-19 pandemic could cause food shortages across ASEAN

Joint Statement ASEAN BAC, EU-ABC, AFBA and FIA Recommendations to ASEAN leaders:

- 1. We commit to do whatever we can to **ensure uninterrupted food production and supply chains**, including the preservation of open borders for goods, both at an upstream and downstream level
- 2. All people involved in food and beverage supply chains are considered to be critical infrastructure and essential like healthcare workers
- 3. Protect the labour supply to keep supply chains functioning, with the prerequisite of businesses implementing measures such as **provision of personal protective equipment and safe distancing**. Ensure those who are sick or feeling unwell do not work to protect others.
- 4. Ensure **public and private consultation** for any policy decision around the supply of food to mitigate the effects of the crisis as much as possible

Meet immediate needs of vulnerable populations: Issues on trade and tax policies

Adjustments to trade and tax policies



Meet immediate needs of vulnerable populations: Emergency Food Assistance, nutrition interventions and safety nets enhanced and made more accessible



Role of Food Industry in the Value Chain



demand



What to do: Mitigating impacts of COVID-19 on food trade and markets

Focus on combating Pandemic Covid-19

One Policy : Central – Local Government One Team : All stakeholders at the same position with one policy

Industry must continue to run so that the economy can continue to grow and create jobs

In particular the food industry plays an important role in food availability

People's purchasing power must be maintained

Food demand must be fulfilled , including adequate nutrition and safe food, so that productivity can be maintained, including the food supply chain must be kept running well

4 Crisis has occurred

Conclusions of the FEMA - IPB discussion on Agribusiness (21st April 2020)

Trade relations crisis due to trade wars

Health crisis due to Covid-19

Petroleum crisis due to falling oil prices

A global leadership crisis due to excessive nationalism

(Nationalism – Protectionism)



Economic Growth Q1-2020: Indonesia and several Country Partner (Source: BPS)







Baseline ——COVID-19 Deep Recession ——COVID-19 Crisis ——COVID-19 Deep Crisis

Source: Euromonitor International

GDP / Capita will drop significantly in 2020

COVID-19 is causing multiple sectors of the economy to shut down in their entirety, creating high unemployment levels and financial uncertainty within the selfemployed category. The pandemic's duration will dictate future economic outcomes. For example, under a Deep Crisis scenario (a pandemic duration of 2-6 quarters, global infection rates of 20-50% and a mortality rate of 1.5-3.5%), there would be a drop of nearly -5.5% to -9.0% in global GDP / capita in 2020.



Optimizing the Policy Mix to Combat the COVID-19 Pandemic and Maintaining Economic Sustainability



Economic Stimulus Programs for MSMEs and Cooperatives

- 1. Interest subsidy and recap guarantee relief programs (KUR, PMN, Pegadaian)
 - Inclusive part of the Economic Safety Net (Rp. 70.1 T Cluster III)
 - Interest subsidy and Installment payment following the KUR scheme
 - Facilitating Fintech to become chanelling agent to access KUR and PIP
 - The flscal impact for the Payment of Interest Subsidies and Principal Delays :
 - KUR = Rp 6.1T (19.5 million Customers);
 - PNM = Rp 2.8 T (6.5 million Customers);
 - Pegadaian = Rp 5.3 T (10 million Customers).
- The Saving and Loan Cooperatives (KSP) is facilitated through LPDB, where the amount and total is taken from the budget reallocation and refocussing of the Ministry of Cooperatives and SMEs.
- Financing for rural banks, PNM, Pegadalan (pawnshops) is accessed through the Financial Safety Net that is being prepared (draft of Cluster IV GR is under process)
- 4. Exemption of MSME Income tex (to 0%) for a period of 6 months:

Tariff decrease in MSME's Final Income Tax from 0.5% \rightarrow 0% (fiscal impact: Rp. 2.4 T)

5. The use of Warking (stalls) for food distribution is coordinated by Ministry of Social Affairs and OJK through the Laku Pandal program.



Opportunity after COVID-19 (Recovery Stage)

- Business Model \rightarrow anticipating demand of staple food, nutritious and healthier food

With the various changes, the Food Industry is expected to recover the fastest

- In general, processed food products are expected to recover quickly because they are needed by the community as basic needs. Moreover, there are some concerns about eating fresh food because of limited shelf life, logistical problems, and food safety
- Staple food products are definitely needed first and foremost
- Then food related to the fulfillment of nutrition and health, like milk, cereal, functional food, etc
- Likewise the food of pleasure, especially for the upper middle class after waiting within limits during the pandemic

F&B Industry Q1-2020

- Q to Q : 0.7 %
- Y on Y :+ 3.94%

F&B Industry -2020 Y on Y : 4 – 5 % *Projection

McKinsey Survey: Consumer Optimism

Consumer sentiment by country

Consumer optimism likely tracks the stage of COVID progression, recently publicized government measures, and news events

Confidence in own country's economic recovery after COVID-19¹, % of respondents

6 Optimistic: The economy will rebound within 2-3 months and 25 grow just as strongly or stronger than before COVID-19 47 51 52 54 Unsure: The economy will be impacted for 6-12 months or longer and will stagnate or 62 show slow growth thereafter. 36 48 40 Pessimistic: COVID-19 will 41 have a long lasting impact on the economy and show regression / fall into 14 12 9 lengthy recession 5 China India Indonesia Japan South Korea

1. Q: What is your overall confidence level regarding economic conditions after the COVID-19 outbreak? Rated from 1 very optimistic to 6 very pessimistic

Source: McKinsey & Company COVID-19 Consumer Pulse Surveys (China 3/23-3/30/2020 N = 1,048; South Korea 3/28-3/29/2020 N = 600; Japan 3/28-3/29/2020 N = 600; Indonesia 3/28-3/29/2020 N = 691; India 3/27-3/30/2020 N = 582)



What to do ? -> Collaboration in Harnessing the Opportunity after COVID-19

Focus in combating Covid-19

Maintain the purchasing power of the people with various Government's programs

Support the business to survive with providing fiscal and non-fiscal incentives

Relaxing policies in the process of economic recovery

Government -Business collaboration to accelerate recovery Global Collaboration: technologies & innovation to accelerate the recovery process New Products and Ingredients to fulfill the new demand

Supporting SMEs to be exist in the recovery process & minimize status gap



Food ingredients Asia

One Way to Realize Your Innovation





Thank you

Stay Safe & Healthy