

**Strategi Mencetak Tenaga Terampil
Bidang Peternakan yang Siap Masuk Kerja**



Seri Webinar YCI-ILA

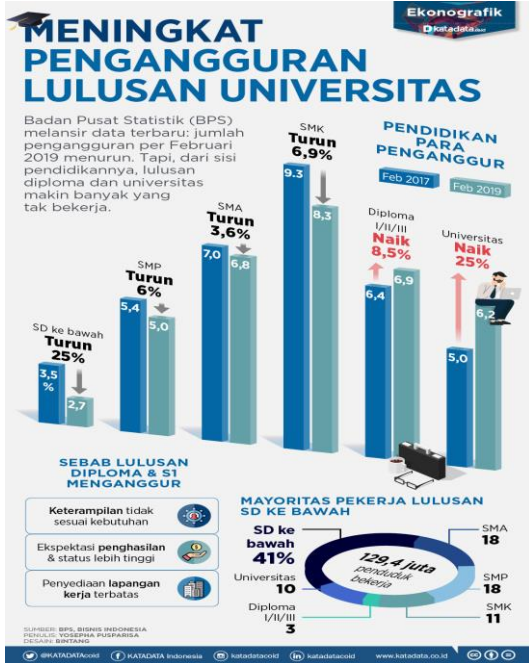
Arief Daryanto, PhD
Dekan, Sekolah Vokasi IPB University &
Adjunct Professor, University of New
England, Australia

9 May 2020

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Konteks Permasalahan
dalam Diskusi

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1

Penyebab lulusan Diploma dan S1 menganggur:

- Keterampilan tidak sesuai kebutuhan
- Ekspektasi penghasilan dan status lebih tinggi
- Penyediaan lapangan kerja terbatas

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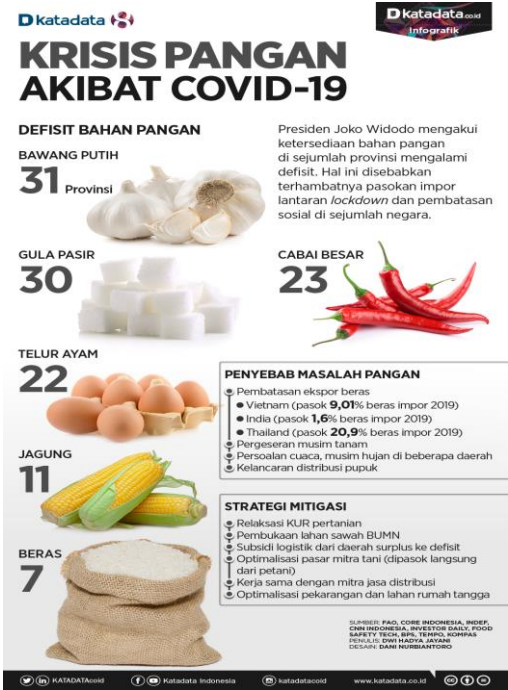


2

Ekonomi global sudah di ambang krisis. Krisis akibat pandemi Covid-19 pun dirasakan Indonesia.

Sejumlah lembaga memperkirakan pertumbuhan ekonomi Indonesia akan menurun. Hal ini akan berdampak pada peningkatan jumlah orang miskin di Indonesia

4

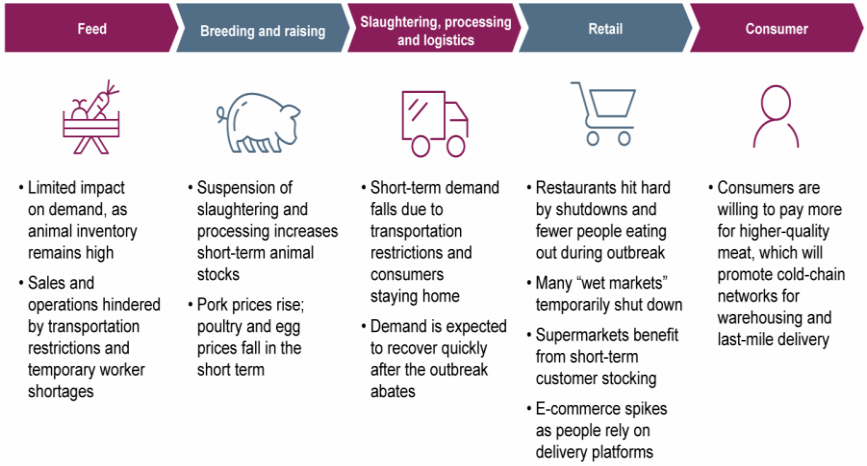


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Ancaman krisis pangan terjadi di tengah pandemi Covid-19. Hal ini disebabkan adanya karantina wilayah (*lockdown*) di sejumlah negara menyebabkan distribusi terhambat. Selain itu faktor cuaca mempengaruhi produksi di dalam negeri.

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4 Lessons Learnt: COVID-19 will affect different segments of China's food chain



Source: Bain & Company

6

5

Lessons Learnt: Comparing the animal-protein chains in China and Europe

	China	Europe
Upstream Breeding and raising	Scattered, with small farms dominating. Vulnerable to epidemics and management incapability	Industrialized, with higher level of production and efficiency
Percentage of swine from scaled farms (>500 hogs supply per year)	>50%	>80% Some countries near 100%
Pigs per sow per year (before 2018–19 African swine fever)	~20	>25
Downstream Logistics and retail	Most end purchases still in “wet markets”; “hot/fresh” preferred	Widespread use of cold-chain; chilled/frozen meat preferred
Cold-chain share of total meat supply	<40%	>90%
Chilled and frozen share of total fresh meat supply	<50%	>90%

Sources: Expert interviews; Bain global experience

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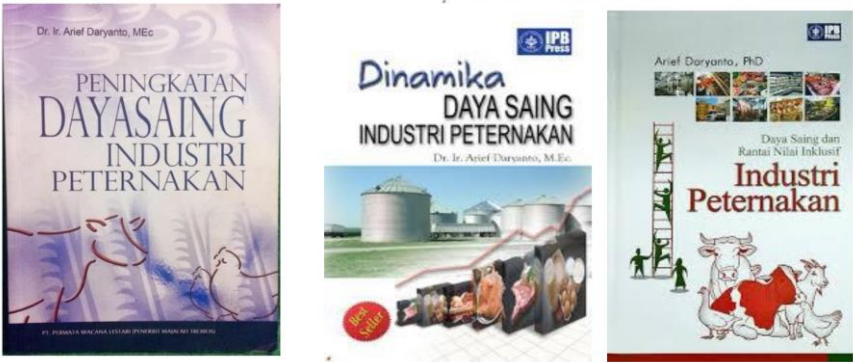
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Lessons Learnt: Key trends transforming China’s food chain

- Acceleration of cold-chain network development.
- Industry consolidation and vertical integration.
- Stricter food safety regulations and enforcement.
- Quicker shift toward digitalization and automation.

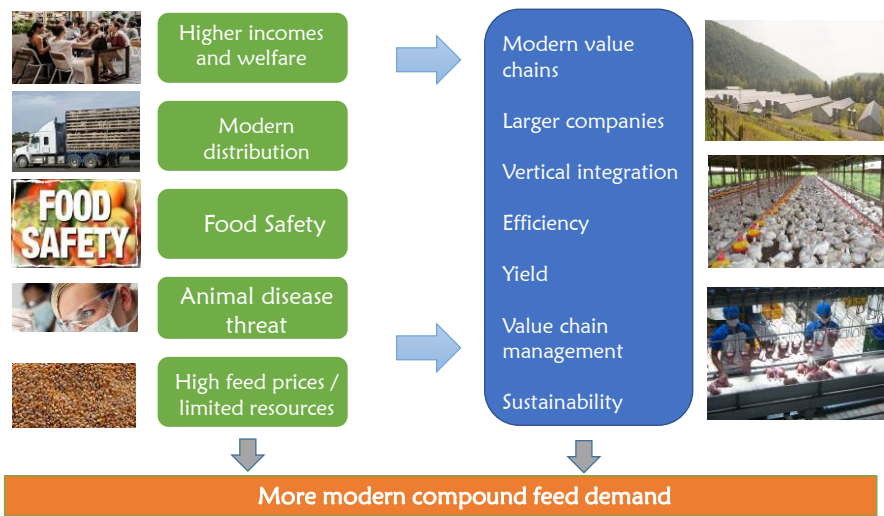
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Strategi Peningkatan Daya Saing Peternakan



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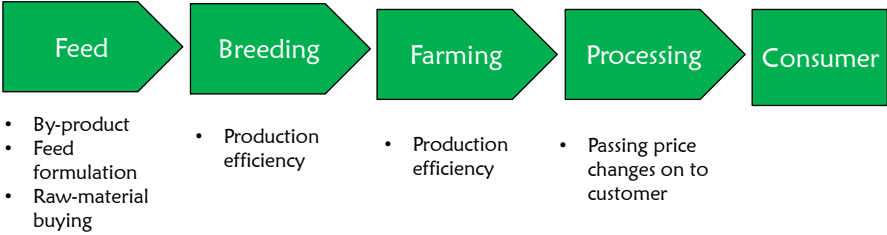
Modernization of Asian animal protein industry



Source: Rabobank, 2015

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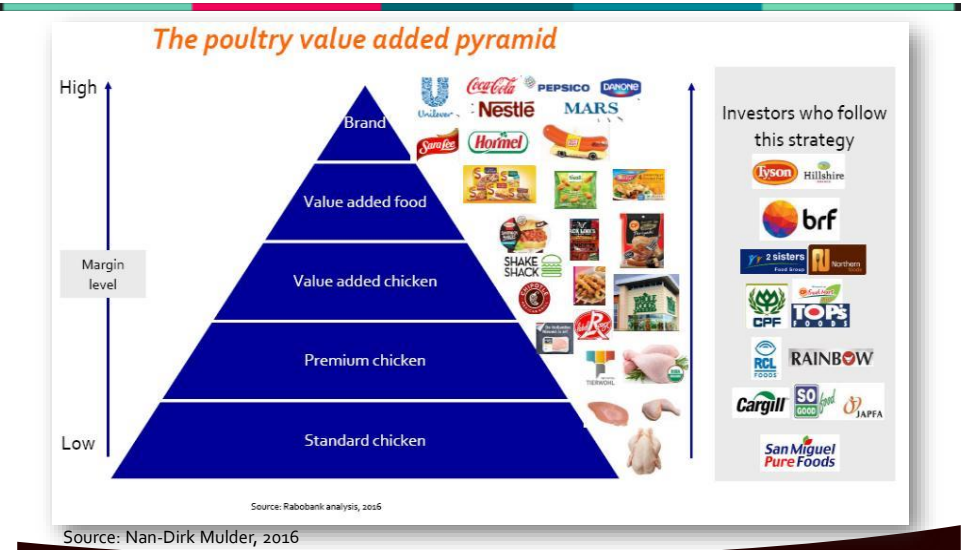
Managing animal protein value chain



High and volatile prices – consolidation and integration?
Market intelligence and efficiency
Price and exchange rate volatility – raw material buying, hedging?
Financing

Source: Rabobank, 2012

11



From volume to value: The journey to higher margins

12

Strategi Vokasionalisasi untuk Penyiapan Tenaga Kerja Terampil “Ready to Work”

13

Kebijakan Pengembangan Vokasi

Untuk menyiapkan kebutuhan kompetensi SDM di era industri 4.0, ditetapkan strategi perbaikan pendidikan dan pelatihan vokasi yang difokuskan melalui 3 Lembaga Vokasi terutama untuk mendukung sektor prioritas Pemerintah.



Sumber: Roadmap Kebijakan dan Pelatihan Vokasi di Indonesia 2019-2025

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Entrepreneurship Teaching Center (ETC) Sekolah Vokasi IPB

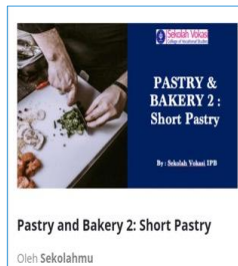
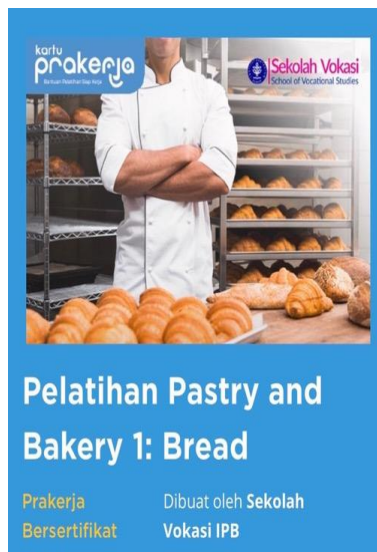
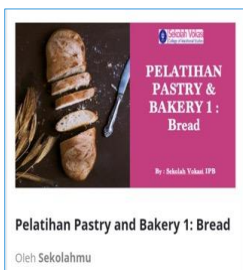


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Pelatihan oleh Sekolah Vokasi IPB



Pelatihan bagi
Peserta Program
Kartu Prakerja
(Pencari kerja dan
kehilangan pekerjaan
karena COVID-19)



Pelatihan Model TEFA
(Teaching Factory)
dengan *modern closed house* di Sukabumi
(Hulu-Hilir)

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Mahasiswa SV-IPB Terpilih sebagai Peserta IMDP 2020



Afdal Alwi Putra
Muh. Rifqi
Muhamad Raihan
Oktaviandra Putra Editya
Muhammad Fauzi Agustian
Arnetha Marchelina
Farhan Setyadi



Sekolah Vokasi
School of Vocational Sciences

IoT Makers Development Program (IMDP)
2020

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Seri Webinar & Workshop

ONLINE LEARNING
11-15 MAY 2020
09.00-17.00 WIB

Use streaming via Google
& certificate will be provided
info@shkolavokasi.sv-ak.ac.id
Register on:
id-shkolavokasi



HAPPY TEACHING WITH
EVIETA
Webinar

DATE	TIME	TOPICS	FACILITATORS
11 May 2020	09.00-11.00 WIB	Observation Type Variation in Eukaryotes	Wahdunah Sholahudin, S.Si, M.Kom
11 May 2020	13.00-14.00 WIB	User Management in Eukaryotes: Freshness, Consistency, Abundance	Enna Nuzuliyah, S.Si, M.Kom
12 May 2020	13.00-15.00 WIB	Genetic Activity in Eukaryotes	Fidliana Masrurina, S.T, M.Kom
12 May 2020	15.00-17.00 WIB	Creating Protocols for Course Content in Eukaryotes	Willy Bachtiar, M.Kom
13 May 2020	10.00-12.00 WIB	Creating Interactive Content in Eukaryotes using H5P	Germa Prasno Wicaksono, S.Si, M.Kom
13 May 2020	13.00-15.00 WIB	Project Training, Report and Assignment in Eukaryotes	Megawanti Dwi Ratumanan, S.Kom, M.Kom
14 May 2020	14.00-16.00 WIB	Creating Digital Audio and Video for Course Content in Eukaryotes	Rea Sutrisna, M.Sc.
15 May 2020	09.00-11.00 WIB	Create Interactive Lesson in Eukaryotes	Sulistyanti Indriyani, S.Kom, M.Kom
15 May 2020	14.00-16.00 WIB	Creating Assignment for Course Content and Quiz in Eukaryotes	Dr. Sholima Nellya Rospanti, S.Kom, M.Kom

IPB University
Agribusiness

WEBINAR SV-IPB
IN COLLABORATION WITH FEM AND FPIK-IPB
"Finding Solution Together: Broken Food, Agriculture and Fisheries Supply Chain in the Times of COVID-19 Pandemics"

Speakers

Dr. Ir. Arif Darmas, M.Sc.
Dean FPIK

Speakers

Prof. Dr. Ir. E. Nuzulya Nurrozzaman, M.Sc.
Dean FEM

Speakers

Dr. Ir. Laili Rahmawati, M.Sc.
Dean FPIK

Moderator

Dr. Priya Simandaha, S.Pi, M.Si, M.Kom
Dean SV-IPB

Wednesday, May 20th 2020
13.30 - 15.30

Registration:
bit.ly/bfemfpiik

E-certificate
Provided

Sekolah Vokasi
College of Vocational Studies

MSM
MAASTRICHT
SCHOOL OF
MANAGEMENT

AERES
AGRICULTURE
EDUCATION
RESEARCH
CENTRE

SAS2I WEBINAR
SME Ayam & Sapi 2021
Improving demand-driven vocational training & education in poultry and dairy in Indonesia
TRIPLE HELIX PLATFORM
22-23 APRIL 2020 at 13.00-15.30
platform used: Microsoft Teams

AERES

Danar Wicaksono

Erni Istikomah

SV-IPB

Yuni Bani

Priya Simandaha



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International Summer Courses

SUMMER COURSE

1) **Nutrition, Agriculture, and Sustainable Food System in Tropical Countries**
August 18th-29th 2020

2) **2nd Summer Course on Sustainability of Tropical Animal Production: Quality Improvement of Animal and Fish Production on Facing Globalization (Industry Based Competency)**
□ June 8th-19th 2020

3) **Smart Agro-Industry 4.0 in the Tropical Countries**
□ September 8th-19th 2020



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Program Young Agri-preneur dan One Village One CEO

Holding BUMDes (53 Desa)

- Kabupaten Garut: Hortikultura; Kopi; Sapi & HPT
- Kabupaten Sukabumi: Hortikultura
- Kabupaten Cianjur: Hortikultura
- Kabupaten Bandung: Hortikultura
- Kabupaten Bogor: Hortikultura & Padi
- Kabupaten Subang: Kopi; Sapi & HPT

IPB University

Bank Jabar Astra International Pemprov Jabar

Sekolah Kopi

Young Agripreneur Camp

CEO School

Peralatan

1. Rumah Produksi
2. Pengolahan Pakan Ikan
3. Alat Produksi HPT
4. Rehabilitasi Gudang Kopi
5. Chiller
6. Mini Greenhouse
7. Pengolahan & Penggilingan Padi
8. Agricornor

Pelatihan

1. CEO School untuk BUMDesa
2. GAP & GMP
3. Packaging
4. Capacity Building & Kelembagaan BUMDesa
5. Agricornor & Fasilitas Akses Pasar (Marketing)

KEMAHASISWAAN

Raloli.com

rajatani

rajin

AGRISAN

IPB University
Bogor Indonesia

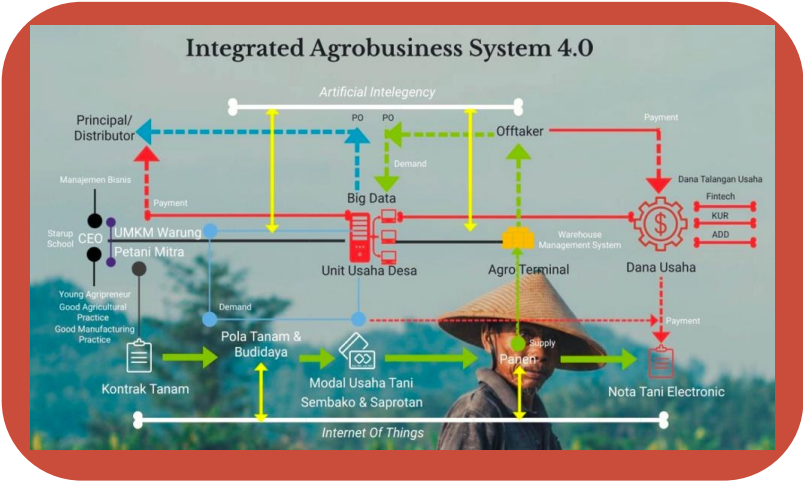
Peran yang dimainkan IPB dengan 17 Prodi D3 (menuju D4) dan 39 Prodi S1:

Program Young Agri-preneur dan One Village One CEO

Sumber: Presentasi Rektor IPB (2020)

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**Peran yang Dimainkan IPB dengan 17 Prodi D3
(Menuju D4) dan 39 Prodi S1:
Pengembangan**



Sumber: Presentasi Rektor IPB (2020)

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Thank
You!

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