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DIGITAL AGRICULTURE DEVELOPMENT TO SUPPORT THE ECONOMIC DEVELOPMENT IN WEST JAVA

Presented by:

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Over 60% of manufacturing industries in Indonesia are located in West Java.

Around 34.77 T (IDR) or 2.4 billion USD is West Java’s investment realization value in (Q3) 2021, making it a province with the highest investment realization value in Indonesia, surpassing Jakarta, Central Java, Banten, and East Java.

GEOGRAPHIC CONDITION

West Java Area: 35,378 Km²
The Province Only Contributes Up To 1.8% of Indonesia’s Total Area. However, It Has A Major Role In Indonesia’s Development.

West Java In Indonesia
Is Located In Java Island

West Java has a very strategic geography located directly adjacent to the Indonesia’s Capital City, Jakarta

MANUFACTURING SECTOR AS THE HIGHEST CONTRIBUTOR TO GDRP

42.07% IN 2021

NET EXPORTS

27.6 Billion USD

GDRP

14.81% of Indonesia’s GDP

DEMOGRAPHIC CONDITION

48.27M
People with 47 M Muslim population

Population Growth In 2019-2020: 1.11%

West Java
Population Pyramid Projection 2035

Productive Age 69.96% in 2020

Around

34.77 T (IDR)
ECONOMIC RECOVERY SCENARIOS DURING COVID-19

**Rescue**
Focusing on **workforce in various business sectors** and reviving Micro, Small and Medium Enterprises (MSMEs) affected by COVID-19

**Recovery**
Focusing on **employment in various business sectors**, opening up business fields, investing and opening big industries

**Normalization**
Focusing on the **continuation of the recovery program and other economic sectors normally**, including infrastructure development through PPPs and bonds
Implementation of West Java Regional Development Plan (RPJMD 2018-2023) through the utilization of digital technology and collaboration in the food security sector.

**WEST JAVA FOOD SECURITY SYSTEM**

<table>
<thead>
<tr>
<th>AVAILABILITY</th>
<th>ACCESS</th>
<th>FOOD UTILIZATION</th>
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**WEST JAVA E-LOGISTIC**

- PRICE AND DISTRIBUTION INFORMATION SYSTEM
- ALGORITHM & BIG DATA

**OUTPUT**

- PRICE ASSURANCE
- SUPPLY INFORMATION
- TRANSACTION COST TRANSPARENCY
- CONTROLLED INFLATION

**Regional Regulation (Perda 1/2020) about The Provincial Distribution Center (PDP)**

**PRODUCTION CENTER OF PETANI MILENIAL**

West Java and Out of West Java

**STORAGE & PACKING HOUSE**

Distribution Center

**SALE POINT (OFFLINE & ONLINE)**

Wholesale Market, Traditional Market, Modern Market, E-Commerce

**CONSUMER**

Dist. **DOWNSTREAM**
WEST JAVA FARMERS' PROFILE
TOTAL: 3,665,050 FARMERS

11,11%  
407,023 people  
Aged <30 years old

24,06%  
881,961 people  
Aged 30-40 years old

36,30%  
1,330,282 people  
Aged 45-59 years old

28,53%  
1,045,784 people  
Aged >60 years old

PURPOSE:
1. Cultivating young agricultural entrepreneurship in West Java
2. Freshen up the face of agriculture, so that millennials are interested in becoming farmers by utilizing digital technology
3. Creating advanced, independent, and modern agriculture.
4. Reducing availability of agricultural labor problem in West Java

Sumber: BPS Jabar (diolah)
MILLENNIAL FARMER COLLABORATION ROLE

Land Preparation

Human Resource Preparation and Training

Internship/Business Incubation

Technology Access

Market Access

Capital Access
Millennial Farmer Program Kick-Off at Kampung Pasir Angling, Suntenjaya Village, Lembang District, West Bandung Regency

Millennial Farmer of Rice Commodity Harvesting in Karawang
Millennial Farmers
Prime Harvest

The first harvest of ornamental plant commodities (1,546 plants), Scindapsus Lucens, at the Margahayu-Lembang BBH Satpel on December 8-9, 2021.

Provision of IOT (Internet Of Things) Smart Farming as a means of supporting technological innovation in the ‘Petani Milenial’ Program in West Java
The ATP development strategy is pursued by integrating upstream-downstream in a farm household business with a biocyclofarming cycle in an integrated area.
Plantation Cluster Millennial Farmers Activities – Coffee Commodity
Forestry Cluster Millennial Farmers Activities – Honey Bee Commodity
Forestry Cluster Millennial Farmers Activities – Wood Mushroom Commodity
Livestock Cluster Millennial Farmers Activities
– Beef Cattle Commodity
LIVESTOCK CLUSTER (2/3)

Millennial Farmers of **Rabbit Commodity** – Export Release
Millennial Farmer's Quail Apartment in Sumedang

Broiler Chicken Farming Partnership

LIVESTOCK CLUSTER (3/3)
Fisheries Cluster Millennial Farmers Activities – Millennial Fish Cultivator of Tilapia Commodity
**SILINDA JABAR**
As an integrated information system with the main feature at prediction of food supply and food price stabilization

**ALIFMART**
Alifmart is part of a pesantren – based horticultural farmer corporation program through digital product marketing

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**West Java Food and Agricultural Summit**
Bringing farmers together with offtakers, including farmers/farmer groups for food commodities, horticulture, animal husbandry, forestry, and plantations with 23 offtakers

End To End Market by maximizing the use of Technology from Upstream to Downstream, which will be able to increase Farmers’ Income and Exchange-Value
THANK YOU