

PROGRAM AND ACTIVITY INDONESIA CENTER FOR AGRICULTURAL TRAINING



BUSTANUL ARIFIN CAYA, DIRECTOR

MARCH 19, 2021



**BADAN PENYULUHAN DAN PENGEMBANGAN
SUMBER DAYA MANUSIA PERTANIAN
KEMENTERIAN PERTANIAN**

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AGRICULTURE DEVELOPMENT GOALS



1. Ensure food for 267 million people of Indonesia
2. Improving farmer welfare
3. Promoting export



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GENERAL OBJECTIVES AND MAIN STRATEGIES 2020-2024

GENERAL OBJECTIVE

THE REALIZATION OF PROFESSIONAL, INDEPENDENT, COMPETITIVE AND ENTREPRENEURIAL AGRICULTURAL HUMAN RESOURCES

MAIN STRATEGIES



1. EXTENSION

Establish an integrated and modern agricultural extension system



2. TRAINING

Strengthen the agricultural vocational training system based on competency and competitiveness



3. EDUCATION

Strengthening competitive agricultural vocational education



4. BUREAUCRACY REFORM

Reinforcing bureaucratic reform



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AAEHRD ACTION PROGRAM



01

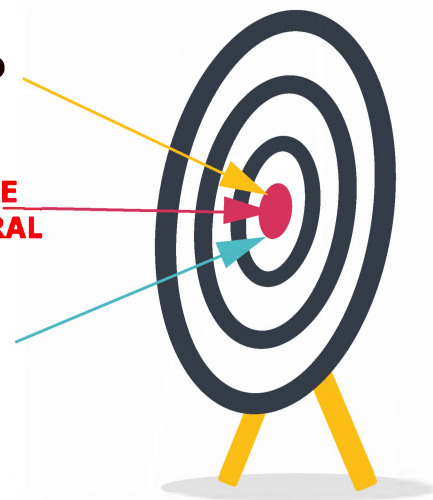
MOVEMENT OF THE AGRICULTURAL DEVELOPMENT STRATEGIC COMMAND (KOSTRATANI)

02

EXTENSION, EDUCATION AND VOCATIONAL TRAINING SUPPORT THE GROWTH OF MILLENNIAL AGRICULTURAL ENTERPRISES

03

EXTENSION, EDUCATION AND VOCATIONAL TRAINING SUPPORT THE MAIN PROGRAM OF THE MINISTRY



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I

WHAT IS KOSTRATANI?



KOSTRATANI

is the center for agricultural development activities at the sub-district level, which is the optimization of the duties, functions and roles of the Agricultural Extension Center (BPP) by utilizing IT in realizing national food sovereignty.



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KOSTRATANI ROLES



**1
DATA AND
INFORMATION
CENTER**

**5
NETWORK
DEVELOPMENT CENTER**

**2
AGRICULTURAL
DEVELOPMENT
MOVEMENT CENTER**

**4
AGRIBUSINESS
CONSULTATION
CENTER**

**3
LEARNING
CENTER**



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CREATING 2.5 MILLION MILLENIAL AGRICULTURAL ENTERPRISES IN 2020-2024

	2020	2021	2022	2023	2024	TOTAL
SUB SECTOR	500.000	500.000	500.000	500.000	500.000	2.500.000
FOOD CROP	100.000	100.000	100.000	100.000	100.000	500.000
HOR	50.000	50.000	50.000	50.000	50.000	250.000
ESTATE PLANT	105.000	105.000	105.000	105.000	105.000	525.000
LIVESTOCK	60.000	60.000	60.000	60.000	60.000	300.000
FOOD SECURITY	35.000	35.000	35.000	35.000	35.000	175.000
HRD	50.000	50.000	50.000	50.000	50.000	250.000
AGRIC. FACILITIES	50.000	50.000	50.000	50.000	50.000	250.000
R & D	50.000	50.000	50.000	50.000	50.000	250.000

*) HRD : PWMP, CORPORATION, POLYTECHNIC GRADUATES, CERTIFICATION, FAR-TC, EXTENSION OFFICE (KOSTRATANI)

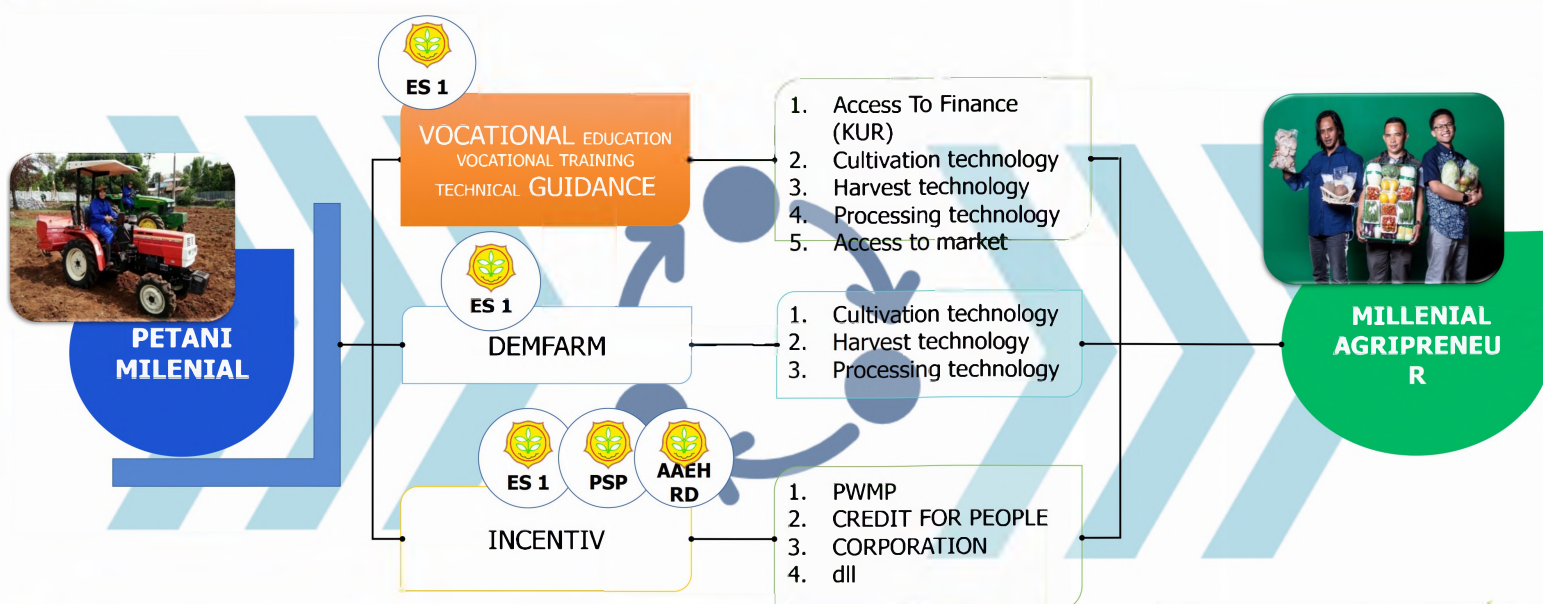


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IMPLEMENTATION OF THE GROWTH OF MILLENIAL AGRICULTURAL ENTERPRISES



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SUPPORT FOR MAIN PROGRAMS OF THE MINISTRY

1. Development of the District-level Agricultural Development Strategy Command (**KOSTRATANI**)

2. Facilitation of Financing, Infrastructure, and Machinery (KUR, dll)

3. Increasing Production of Food Crops Through Corporate Based Area Development (**propaktani**)

4. Development of Competitive Horticultural Areas (Vegetables, Medicinal Plants, Fruits and Floriculture)(**GEDOR HORTI**)

5. National Movement to Increase Productivity, Production and Competitiveness of Plantation (**Grasida**)



6. Increased population and productivity and genetic quality of beef cattle and poultry (breeders, cattle-oil integration, and upstream and downstream poultry industries) (**SIKOMANDAN**)



7. Accelerating the utilization of technological innovations and propagation / production of seeds / seeds from R&D department



8. Alleviation of food insecure areas through family farming, Farming Goes to School **Pertanian Masuk Sekolah (PMS)**, distribution and control of staple food prices as well as food diversification



9. Strengthening quarantine services and accelerating exports through the Three-fold Export Movement program(**GraTIEks**)



10. Management Support (Supervision and Supervision Expenditures)

ICAT PROGRAM

4

Development of technical and management training cooperation at home country and abroad, (including apprenticeship)

2

Standardization and certification of the agricultural profession

3

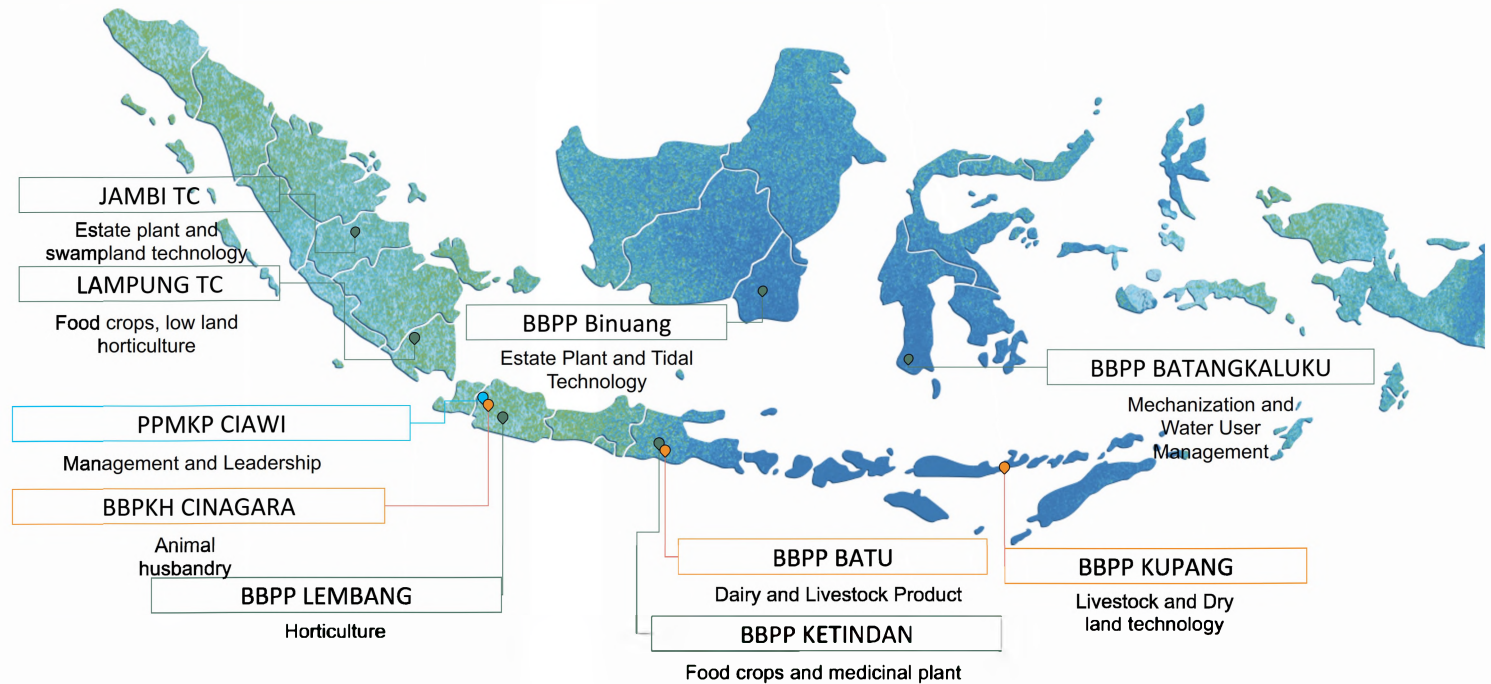
Growth and Strengthening Farmer Agricultural Rural Training Center (P4S)

1

COMPETENCIES ENHANCEMENT
apparatus and non-apparatus through vocational, functional, management and entrepreneurship training

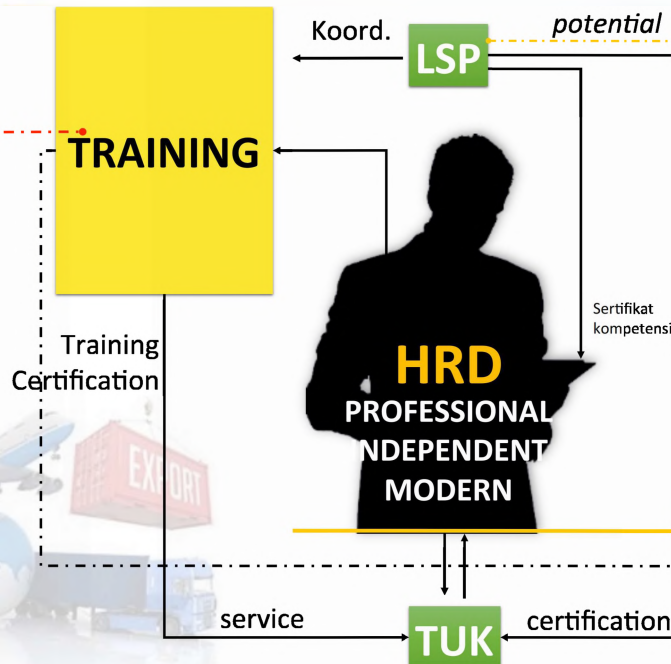
TRAINING CENTER

NATIONAL LEVEL



Training in Competency Improvement of Agricultural Human Resources

1. Agri Training Camp (ATC)
2. Downstream, Vocational, Functional Technical Training
3. Young Farmer Leader Training in Japan



Certification:

- ESTATE PLAN
- LIVESTOCK
- HORTICULTURE
- MACHINERY

LSP

P2: 1
P3: 8

ACCESSOR
253
ORANG



MOA TC: 34
Private: 4
FAR-TC: 4

TUK



READY

COMPETENCIES ENHANCEMENT

Mastering GAP, GHP, GMP, HACCP, IT, Perdagangan Internasional Trade, Partnership, Finance Access

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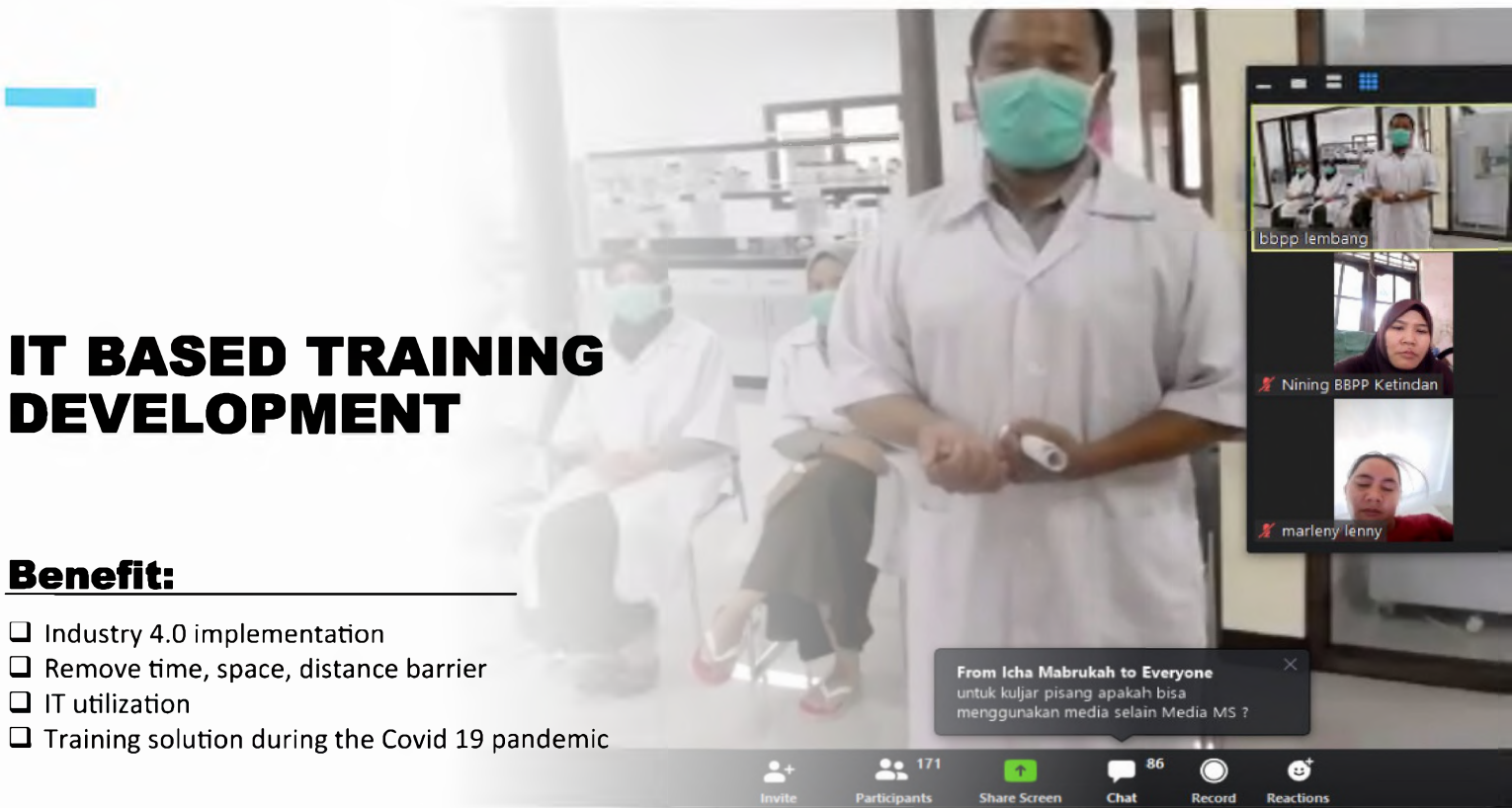


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IT BASED TRAINING DEVELOPMENT

Benefit:

- ☐ Industry 4.0 implementation
- ☐ Remove time, space, distance barrier
- ☐ IT utilization
- ☐ Training solution during the Covid 19 pandemic



PROFESIONAL, DAYA SAING, WIRSAUSAHA

13

Knowledge reinforcement through online training

14



LMS Learning Management System

1. Elearningpuslatan.com (68 vol)
2. elearningbbppkh.com (8 vol)
3. elearningbbppbatu.com (2 vol)
4. elearningbbppkupang.com (2 vol)
5. elearningbbppbinuang.com (41 vol)
6. elearning.bbppketindan.id (8 vol)
7. batangkalukuaglearning.com (6 vol)
8. elearning.bapeltanjambi.id (12 vol)
9. elearningbapeltanlampung.com (4 vol)
10. plc.ppmkp.id (8 vol)
11. elearningbbpplembang.com (2 vol)

COMPETENCY CERTIFICATION STANDARDIZATION

LSP*

P2: 1
P3: 8



ASSESSOR
253
ORANG

MOA : 34
Private: 4
FAR-TC: 4

TUK*



Certification:

- Estate Plant
- Livestock
- Horticulture
- Machinery

- *LSP : Agriculture Certification Body
- *TUK : Competence Assessment Unit



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CERTIFICATION

No	SCOPE
1	Reproductive Technical Assistant
2	Bucher
3	Organic Livestock Facilitator
4	Livestock Organic Inspector
5	Halal Slaughter
6	Veteriner Paramedic
7	Pregnancy Check (PKb),
8	Halal Animal Slaughter
9	Artificial Incemination
10	Soybean cultivation
11	Organic Farming of Plants
12	Seed Production
13	Post harvest machinery

No	SCOPE
14	Pre harvest machinery
15	Oil Palm Plantation Assistant
16	Oil Palm Plantation Head Assistant
17	Orchids cultivation
18	Soybean cultivation
19	Chrysanthemum cultivation
20	Plant Organic Facilitator
21	Organic Plant Facilitator
22	Animal Organic Farming Facilitator
23	Hydroponic
24	Organic Farm Inspector
25	Plant Organic inspectors
26	Tissue Culture

No	SCOPE
27	Oil Palm Plantation Foreman
28	Organic Seed Operators
29	Animal Feed Operator
30	Organic Fertilizer Operators
31	Candied Fruit Maker
32	Banana Jam Maker
33	Soy Milk Maker
34	Agricultural Product Processing
35	Agricultural Extensionist
36	Agricultural Extension
37	Production of Plant Seeds
38	Agribusiness Management



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Competency Certification is the process of giving certificates to Agricultural Human Resources Apparatus and Non-Apparatus which is carried out systematically and objectively through a competency test with reference to the Indonesian National Work Competency Standards (SKKNI) in the Agriculture Sector.

For professionals, obtaining certification will provide the following benefits:

- Recognition of one's competence
- Has a competitive advantage over those without certificates.
- Has the potential to earn higher salary.
- Have a greater chance of getting a job.
- Supporting a professional career by competent personnel



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HRD COMPETENCY CERTIFICATION IN AGRICULTURE SECTOR IN 2020

Total number of human resource certifications in the agricultural sector year 2020 until December 4, 2020 totaling 5,923 people, consisting of :

- ☐ AAEHRD Budget = 827 people
- ☐ Non AAEHRD Budget = 89 orang
- ☐ Cooperation (Agriculture/Livestock Office) = 177 people
- ☐ Extension (DG of Food Crops Budget) = 4.830 people



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TYPE OF COMPETENCY AND NUMBER OF ASSESSIONS FOR COMPETENCY CERTIFICATION ACTIVITIES IN 2020

NO	Type of Competency	People
1	Agricultural Extension Facilitator Level (THL-TB)	4.830
2	Pre Harvest Machinery Operator	61
3	Post Harvest Machinery Operator	60
4	Agriculture Product Processing	30
5	Plant Organic Facilitator	231
6	Extension (Facilitator)	62
7	Extension (Supervisor)	122
8	Implementing Hydroponic Plant Growers	30
9	Artificial Insemination	224
10	Halal Slaughter	60
11	Pregnancy Checking	61
12	Veteriner Paramedic	152
TOTAL		5.923



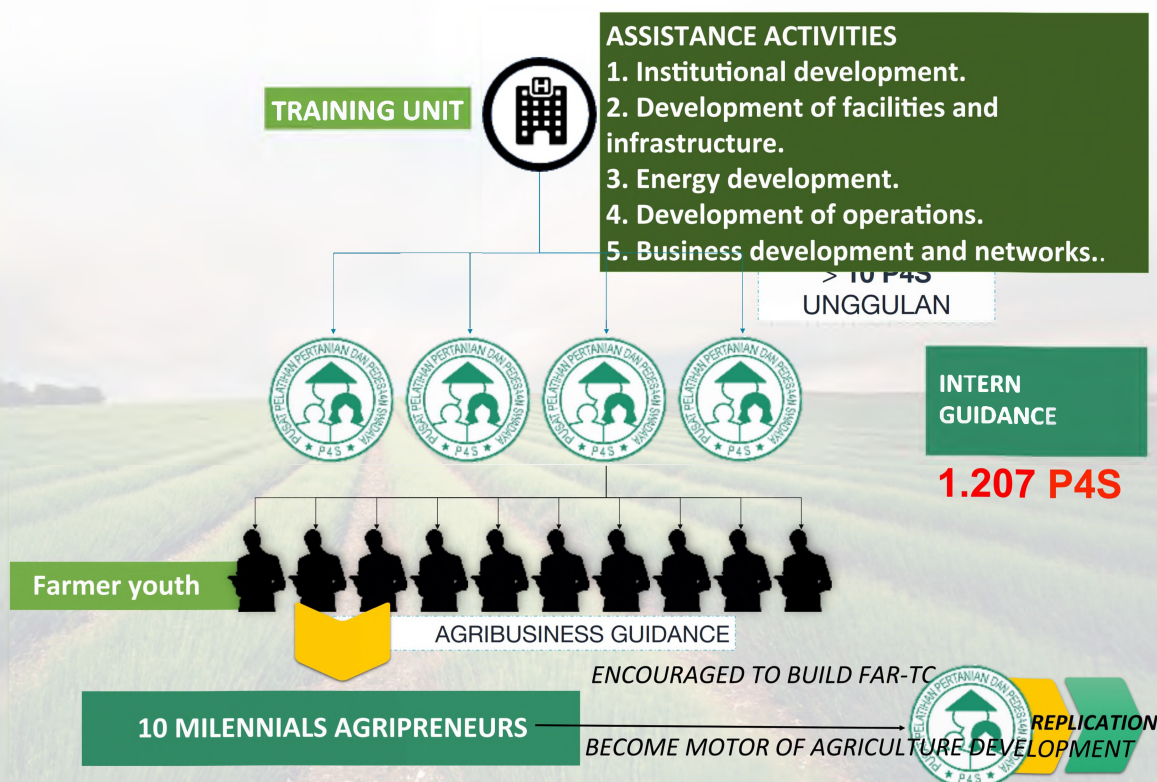
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Pusat Pelatihan Pertanian dan Pedesaan Swadaya (Farmer Agricultural Rural Training center/FAR-TC) is an agricultural and rural training institution that is established, owned, managed by independent farmers, both individually and in groups and is expected to be able to directly play an active role in agricultural development through the development of agricultural human resources in the form of training / apprenticeship for farmers and communities in the region.

P4S (FAR-TC) as ENGINE of AGRICULTURE DEVELOPMENT



FAR-TC DISTRIBUTION IN PROVINCES

NO.	GUIDANCE UNIT	PROVINCE	NUMBER
1	PPMKP Ciawi	Jateng	130
		DKI Jakarta	25
2	BBPKH Cinagara	Banten	39
		DIY	46
3	BBPP Lembang	Jabar	237
4	BBPP Ketindan	Jatim	158
5	BBPP Batu	Papua	
		Papua Barat	
		NTB	55
		Maluku Utara	4
		Bali	23
		Maluku	3
6	BBPP Kupang	NTT	73
7	BBPP Batangkaluku	Sulsel	27
		Sulbar	6
		Sulut	15
		Sulteng	10
		Sultra	14
		Gorontalo	21

NO.	GUIDANCE UNIT	PROVINCE	NUMBER
8	BBPP Binuang	Kalsel	25
		Kalteng	13
		Kalbar	25
		Kaltim	37
		Kalimantan Utara	14
9	BPP Jambi	NAD	11
		Sumatera Utara	12
		Sumatera Barat	36
		Riau	7
		Kepulauan Riau	1
		Jambi	18
10	BPP Lampung	Bengkulu	38
		Bangka Belitung	13
		Sumsel	16
		Lampung	55
TOTAL			1207

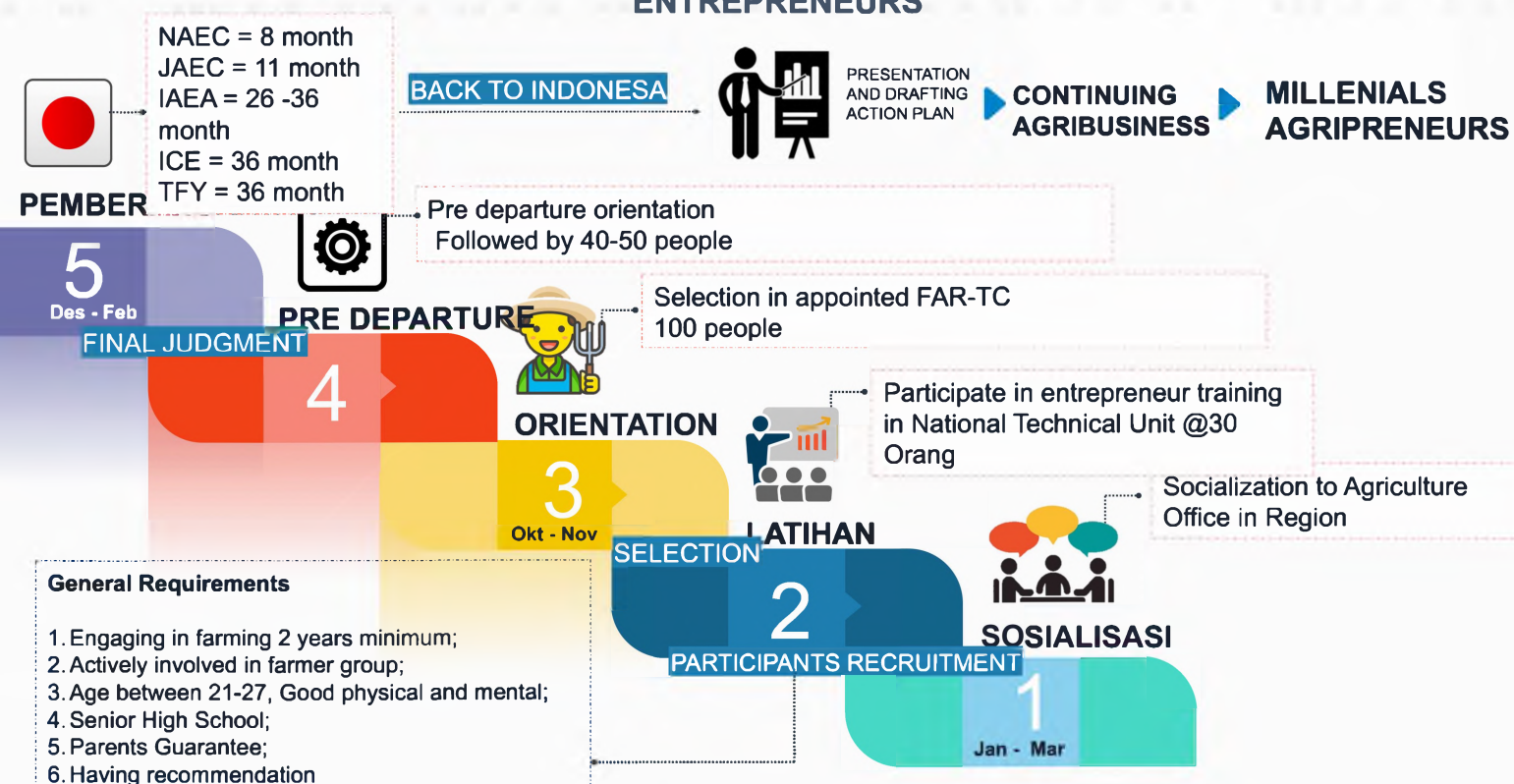


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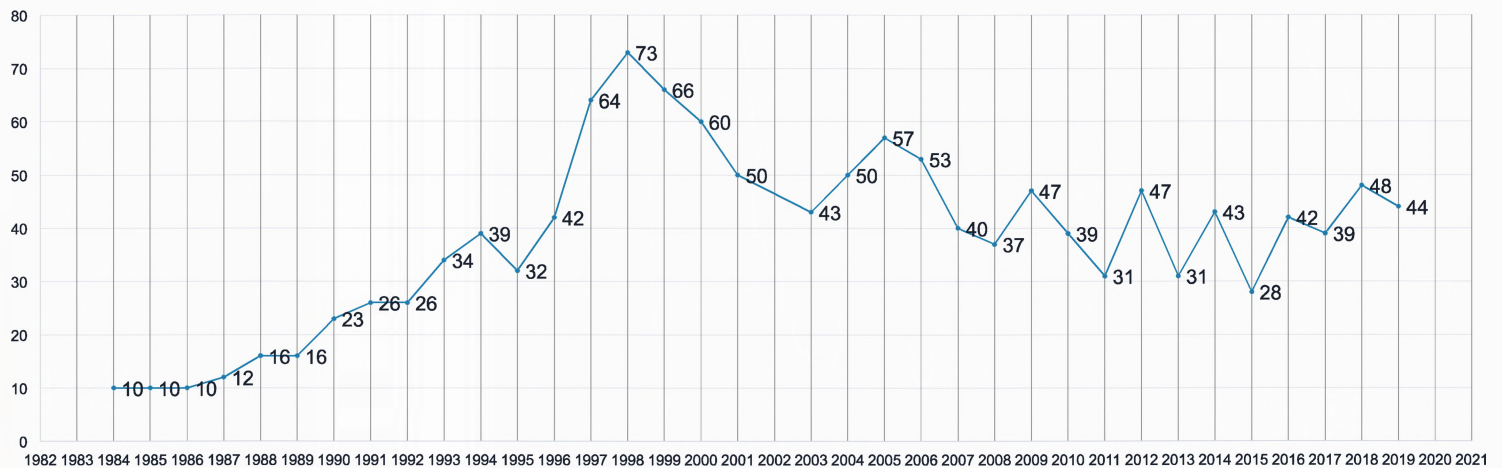
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JAPANESE INTERNSHIP PROGRAM GIVES BIRTH TO MILLENNIAL AGRICULTURAL ENTREPRENEURS



JAPAN ALUMNI

GRAPH of JAPAN ALUMNI



ALUMNI

1.385

people

ACCEPTING ORGANIZATION

5

ORGANIZATIONS

- Japan Agricultural Exchange Council (JAEC), Tokyo
- Niigata Agricultural Exchange Council (NAEC), Niigata
- International Agricultural Exchange Association (IAEA), Gunma
- Ibaraki Chuo Engei (ICE), Ibaraki
- Toshi Fusao Yuji (TFY) Co. Ltd, Saitama



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THANK YOU

Training creates independent, advanced, modern Agriculture HRD