RURAL DEVELOPMENT INNOVATIVES OF INDONESIA FOR POVERTY REDUCTION

HEAD OF THE CENTRE
FACILITATION OF COOPERATION
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Consists of 17,500 large and small islands, cultural diversity, customs & religions, huge deposit of natural resources, and also a large number of biodiversity
INTENSE in BALI
(Integrated Agriculture System)
THE BEAUTY OF BALI
BALI TEMPLE
PURA TANAH LOT
INTEGRATED AGRICULTURE SYSTEM (INTENSE)  
BALI PROVINCE INDONESIA

• Integrated agriculture system (Intense) is one of the priority program in Bali Province Indonesia in order to enhance agricultural sector’s role to support Bali Mandara.

• During the period of 2009-2013 Intense developed into 400 sites out of 1,000 targeted sites in 2018 in 9 regencies/cities. Total budget spent by Bali Government Province for Intense 2009-1013 was more than Rp 8 billion from social assistance and CSR funds.

• Intense enhances relation among farm activities and utilizes farm wastes inside the groups. Intense orients its activities based on agriculture without waste or zero waste and produces 4 F (Food, Feed, Fertilizer and Fuel).
• Intense integrates agricultural sector with its supporting sectors (vertical or horizontal) in accordance with the potential and characteristic of the region.

• Integration activities on zero waste farming and producing 4F (Food, Feed, Fertilizer and Fuel).

• Main activities of crop and livestock cultivation categories; Crop wastes processed for animal feed and animal feed in dry season and livestock waste are processed into biogas, bio urine, organic fertilizer, and bio pesticide.

• Institutional strengthening of farmers and the development of agribusiness/ economic enterprises in rural areas.
INTENSE TARGET
(INDICATOR OF ACHIEVEMENTS)

1. Integration of technological innovation especially in agriculture, fishery and forestry (intensification, extensification, organic agriculture).

2. The growth of livestock population, especially Balinese Goat and cattle and self-provision of organic fertilizers and pesticides and biogas (household scale).

3. The growing availability of high quality animal feed throughout the year.
4. Growing diversification of farming business (vertical and horizontal = agribusiness) and productive economic business especially management of agricultural products.

5. Strengthening of farmer institutions, development of agricultural infrastructure, and sustainable agriculture development.

6. Increased farmer income and the realization of Bali's "Mandara".
Intense IN BALI
INTENSE'S PROGRAM IDEA IS AIMED AT:

• Promoting farmers' welfare, poverty alleviation and unemployment and linkage with other programs in order to develop sustainable rural economy in a sustainable manner.

• Implementation of Intense activities also involves related Regional Work Unit (SKPD) of Local Government at the Province and Regency level in the process of assistance, facilitation of supporting infrastructure and other assistance.
PUCAK MANIK FARM UNIT

- Cattle Barn
- Organic fertilizer
- Artificial Insemination
- POC BIO Urine
- Cattle Feed
- BIO GAS
Building Model of Intense’S Pilot Unit

Cattle Barn

Feed Storage

Compost Storage

Instalasi Bio Urine

OUTLET DIGESTER INLET

-Kandang Koloni

Rumah pakan/Rumah Kompos
IMPACT TO FARMER WELFARE

- Livestock-farm integration implemented by Intense boosts farmers’ group business, job opportunity, and supplies of food, feed, fertilizer, organic pesticide, and bio gas to meet group members’ demand and for commercial purpose supported by local governments.

- In the future it is expected that Intense becomes an integrated agriculture-energy program for food self-reliance and farmers’ welfare. It is as also expected that this program sustains regardless the changes in local government leaders and all attached policies.
Field Study Mr. Priya Ranjan, Director of International Cooperation & Rural Connectivity, Ministry of Rural Development (MoRD), Government of India (Bali, 2013)
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PHIA SALAK
UMBAH GUNUNG AGUNG
UD PEDA PATI
ANOTHER INNOVATION FROM INDONESIA

Salacca Coffee from Snakefruit Seed Waste

Leather Shoes from Chicken Feet Skin
Salacca Coffee

• Founded by Eko Yulianto in 2016 in Wonosobo, Central Java.
• Transforming Snakefruit Seeds (Waste) into Valuable Commodity (Coffee).

Benefit:
2. Relieve Uric Acid and Hypertension.
3. Cheap.
4. Easy to Produce.
How To Make Salacca Coffee

1. Prepare and Clean Snakefruit Seeds
2. Dry the Seeds for 1 week
3. Roast the Seeds
4. Mash the roasted Seeds
5. Filter the Mashed Powder to Get the Best Coffee
6. Salacca Coffee is Ready to Drink
Leather Shoes from Chicken Feet Skin

- Founded by Nurman Farieka Ramdhany in 2017 in Bandung, Central Java.
- The Idea has been developed 15 Years ago by his father, then Nurman continue to further develop it.
- Transforming Chicken Feet Skin, which traditionally used to be processed as crackers and snacks, into more valuable commodity (shoes).
- Have more unique texture than cowhide.
How to Process Chicken Feet

1. Peel Chicken Feet Skin with 1mm-2mm thickness.
2. Chemical Conditioning the Chicken Feet Skin into leather like material, which usually takes 1 week.
3. Processed the Conditioned Skin to Shoes Normally.
Thank you For Your Attention