



Improving the utilization of homegardens of the The Bathin Sembilan Tribe in The Harapan Rain Forest for a better Food Security Status

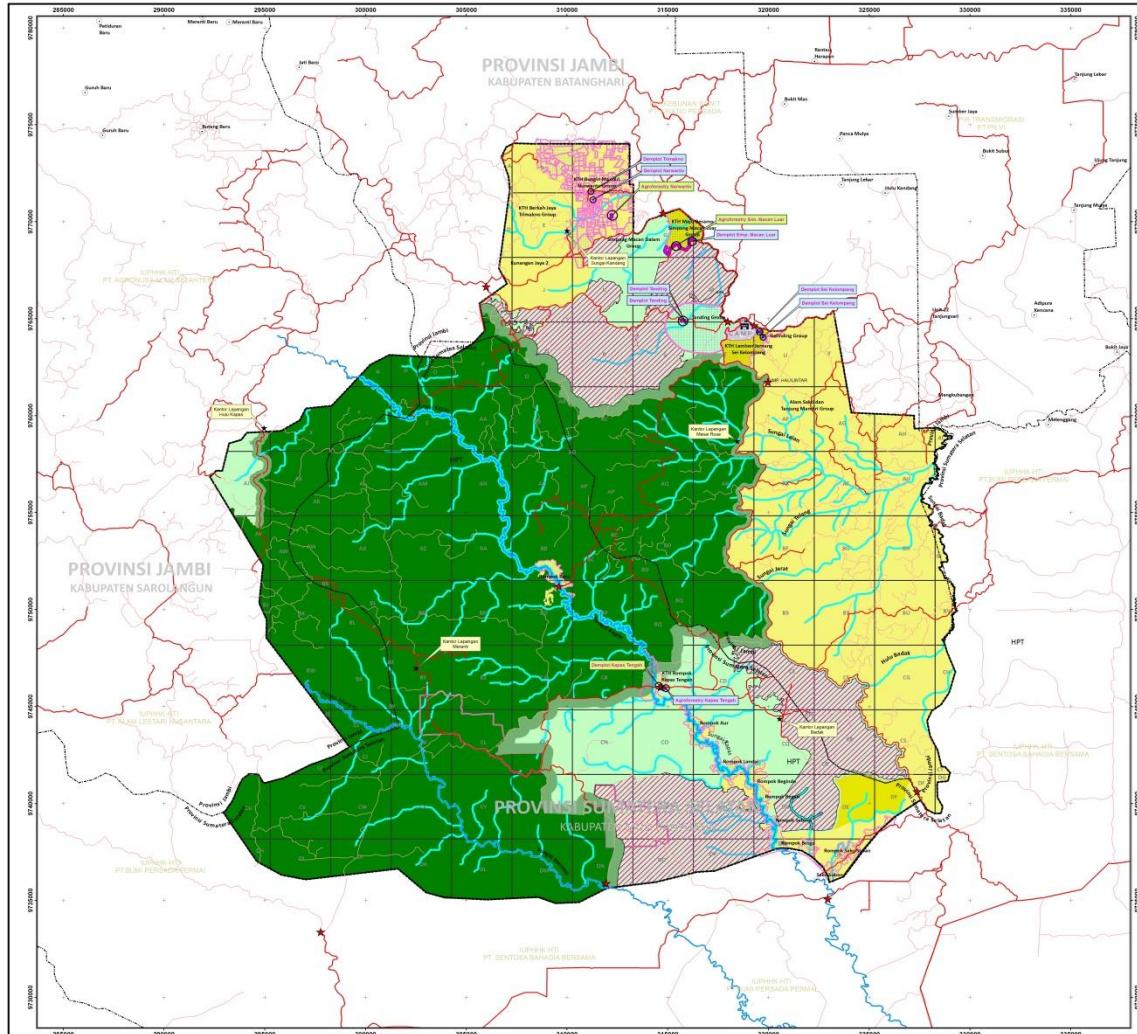


CRC 990

Ecological and Socioeconomic Functions of Tropical
Lowland Rainforest Transformation Systems
Sumatra, Indonesia

DFG

PROFILE OF PT. REKI



PETA SEBARAN LIVELIHOOD DAN KEMITRAAN

IUIN USAHA PEMANFAATAN HASIL HUTAN KAYU DALAM HUTAN ALAM PADA HUTAN PRODUKSI

PT. RESTORASI EKOSISTEM INDONESIA

Skala 1:65,000

PROJEKT UTM

ZONA 48 S

3 1,5 0 3 Km

U

Legenda :

Batas Areal Kerja	Jalan Akses Primer
Batas Provinsi	Jalan Akses Sekunder
Batas Kabupaten	Perumahan / Kampung
Sungai dan Anak Sungai	Camp PT. REKI
Kawasan Lindung Sempadan Sungai	Pos Perlindungan Hutan
Agroforestry	
Target Kelompok Mitra	
Demplot Agroforest	
Rencana Areal Produksi	
Lokasi Riset	

ZONASI

Zona Tidak Produksi
Zona Produksi
Zona Produksi - Livelihood
Zona Produksi - Kolaborasi
Zona Lindung
Zona Transisi

SUMBER DATA :

- Peta Rupa Bumi Indonesia, BIG scale 1 : 50,000.
- Peta IUPHRE RE PT. RESTORASI EKOSISTEM INDONESIA, Sk Ministry of Forestry No. 29/Hukum/II/2007, 28 Mei 2007, Scale 100,000
- Peta IUPHRE RE PT. RESTORASI EKOSISTEM INDONESIA, Sk Ministry of Forestry No. 327/Menlhut-II/2010, 25 Mei 2010, Scale 100,000
- Laporan TBT No. 59/BPHH-II/2/2015
- Laporan TBT No. 59/BPHH-II/2/2014
- Spot Imagery , June 2009, ENVISAT-ASAR Sarvision, 2010-2015,
- Landsat Imagery path/row 123/61-62, 2015 - 2016
- Survei Lapang

PETA INDEKS



THE COMMUNITY OF BATIN SEMBILAN IN PT.REKI

- The main livelihood
 - Hunter
 - Peramu
 - Farmer
 - A worker at company
- Using forest as
 - A location for hunting and traditional and location for collecting others forest resources such as wild honey
 - A place for farming
 - A customary place



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forest potential for economical resources

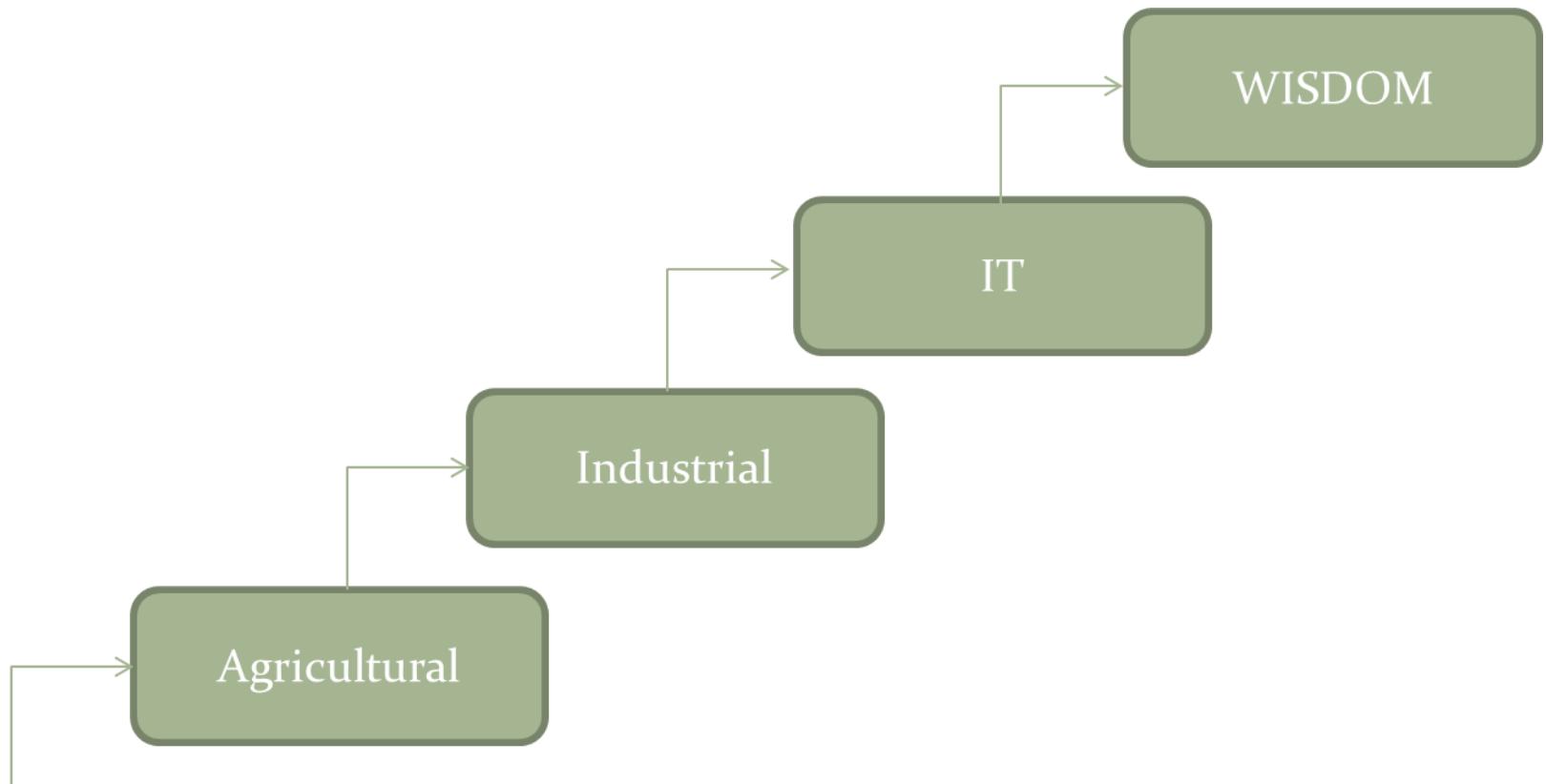
- Non Forest Timber Product
 - Dragon Blood, Rattan, Resin, Balam's latex, Honey
- As resources for hunting
 - Source of Protein (Ikan, Rusa, dll)
 - Source of Carbohydrate (umbi-umbian: gadung, Benor)
 - Sources of vitamins (Berbagai macam buah-buahan)
- A place for farming
 - Source of protein and carbohydrate (horticultural crops)
 - A place for planting rubber trees



Culture Transformation

- Production patterns
 - Cash money orientation (*work at the company*)
 - Men dominantly are do hunting, Women tend to collect forest product and maintain the farm field.
 - Using modern equipment
- Consumption patterns
 - Bringing food resources from outsider.
 - Modernization orientation
- Distribution patterns
 - Secondary and tertiary needs
 - Education needs??
 - Health access needs

5 levels of the world civilization



Hunter/Gatherer

Stephen R. Covey. The Seven Habits of Highly Effective People

Future Challenging

- The economics needs is increasing
- The population size is increasing
- Forest ecological carrying capacity is reducing
- Market dependency
- Lack of creativity
- Management knowledge, skill and attitude
- Management of financial



Solution and alternative model for empowerment

- Creating diversity source of cash money through NTFP
 - Dragon blood, *Rattan*, *Resin*, *Jelutung*, *Handtcraft*
 - Agriculture
 - Intercrops
 - Agroforestry/using of homegardens
 - Farms
 - Fish, honey bee, chicken, goats, cows
- Gender perspective
 - Needs orientated
 - As apart of school-age syllabus



Research methodology

- WORKSHOP
- Comparative study
- Field study



Participants (Workshop, Comparative study, Field Study)

Implementing

1. Muhammad (S.Kelompang)
2. Uda Sakirman (S.Kelompang)
3. Bu Teguh (S. Kelompang)
4. Bu Yurnani (SML)
5. Jum (SML)
6. Bu RT (SML)
7. Leni (SML)
8. Sri (SML)
9. Rusman (S. Kelompang)

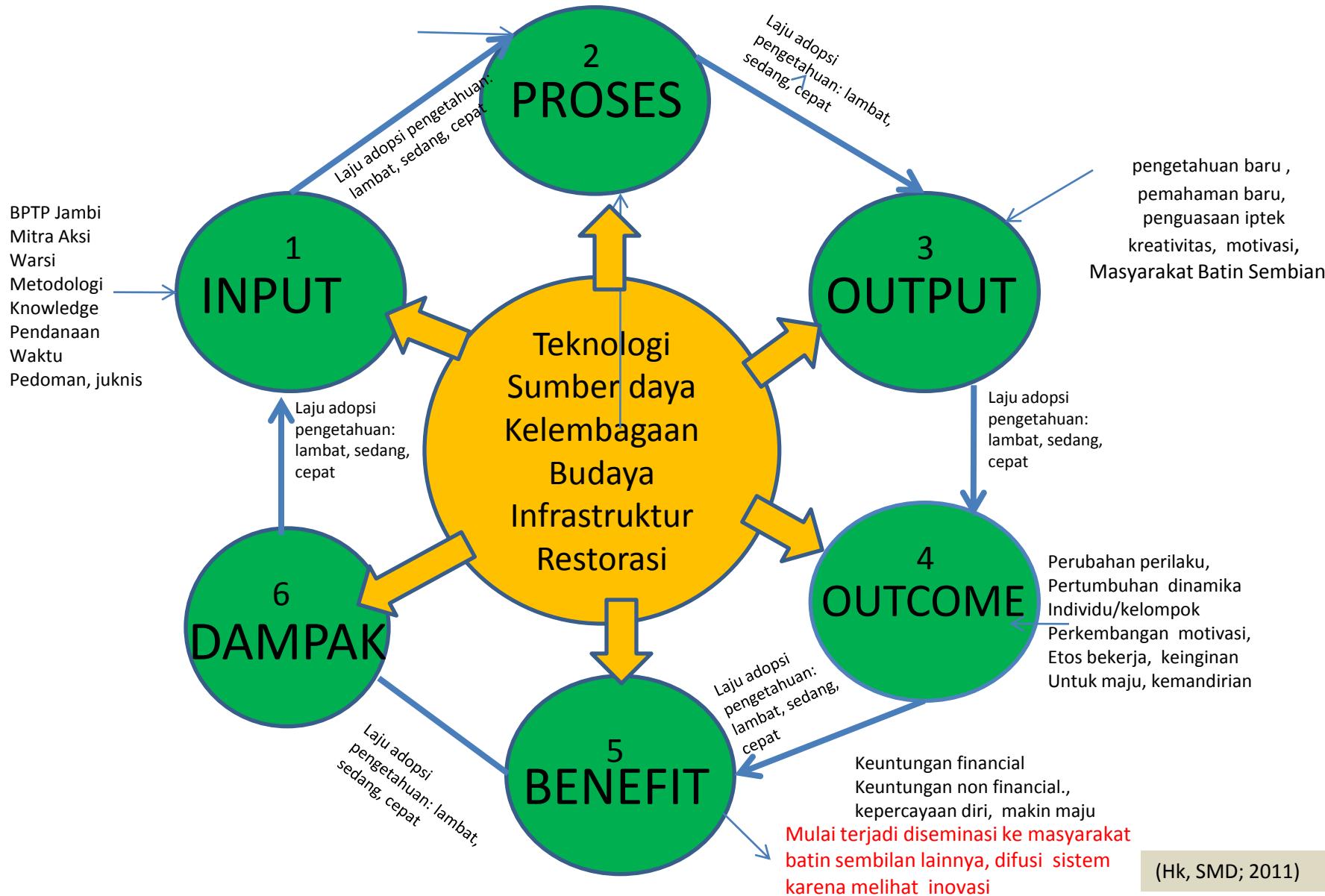
Have not implementing

1. Mang Yusup (Tanding)
 2. Abu Amin (Tanding)
 3. Putri (S. Kelompang)
 4. Rika (SML)
 5. Agus (SML)
- Numbers of men = 6 person
Numbers of women = 8 person
Number of men has implementing = 3 person
Number of men has not implementing = 3 Person
Number of women has implementing = 6 person
Number of women has not implementing = 2 person

Batin Sembilan Community Group which has MoU with PT. Reki

No	Kelompok	Luas Kelola (Ha)	KK
1	Simpang Macan Luar	339	55
2	Tanding	675	17
3	Kelompang	26	22
4	Gelinding	335	9
			103

Cycle of study of Bathin Sembilan home garden utilization in Hutan Harapan



Activities documentation





Field study

Practice on making MOL (Mikroorganisme lokal), POC (Pupuk Organik Cair), POP (Pupuk Organik Padat) and PGPR (Plant Growth Promoting Rhizobacteria)









TERIMA KASIH
Batin Sembilan Yes...!!!
Restorasi Yess...!!!!