



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

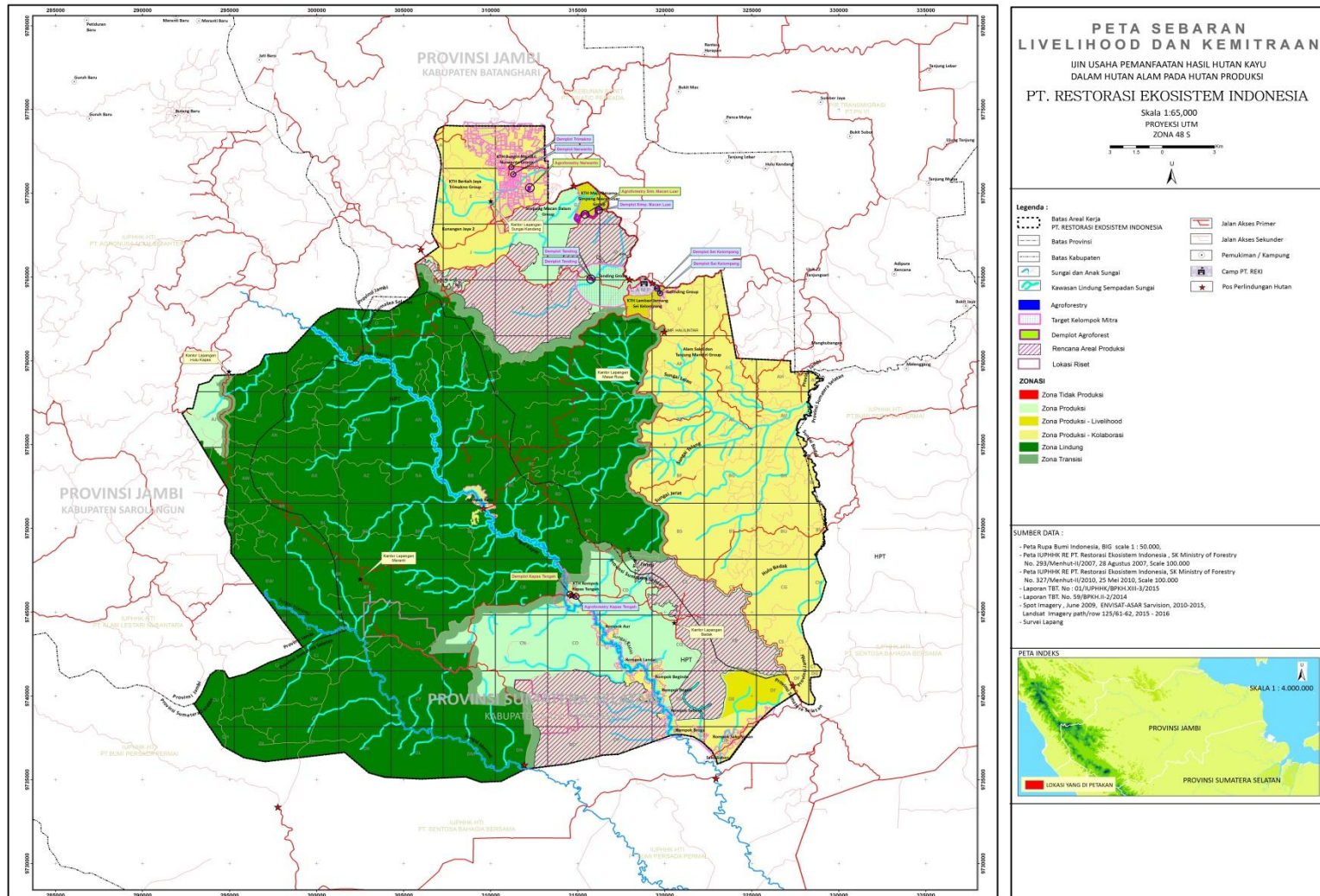


CRC 990

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



# PROFILE OF PT. REKI



# 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



# forest potential for economical resources

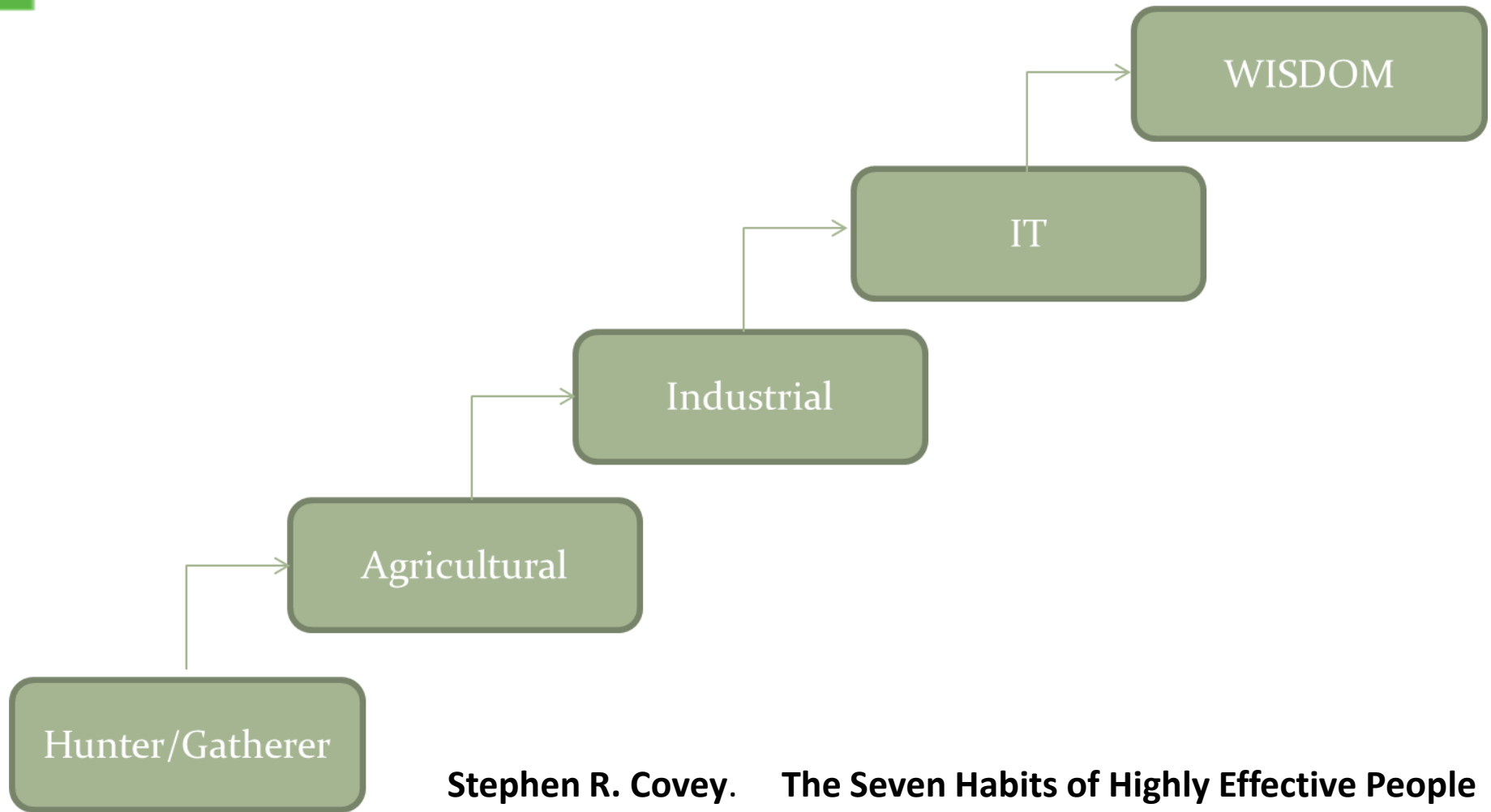
- Non Forest Timber Product
  - Dragon Blood, Rattan, Resin, Balam's latex, Honey
- As resources for hunting
  - Source of Protein ( Ikan, Rusa, dll)
  - Source of Carbohydrate (umbi-umbian: gadung, Benor)
  - Sources of vitamins (Berbagai macam buah-buahan)
- A place for farming
  - Source of protein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



**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

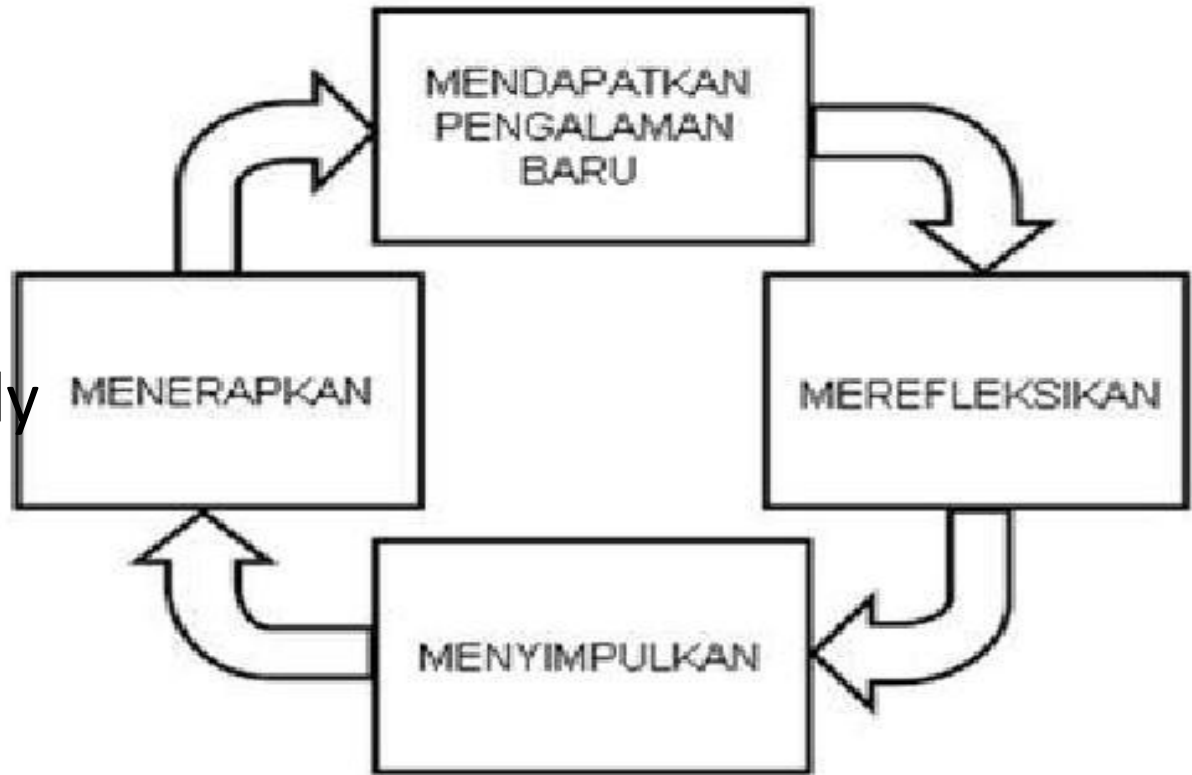
- Gender perspective
- Needs orientated
- As apart of school-age syllabus



Pendidikan sebagai Investasi jangka panjang

# Research methodology

- WORKSHOP
- Comparative study
- Field study



# Participants (Workshop, Comparative study, Field Study)

## Implementing

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

## Have not implementing

1. Mang Yusup (Tanding)
2. Abu Amin (Tanding)
3. Putri (S. Kelompok)
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

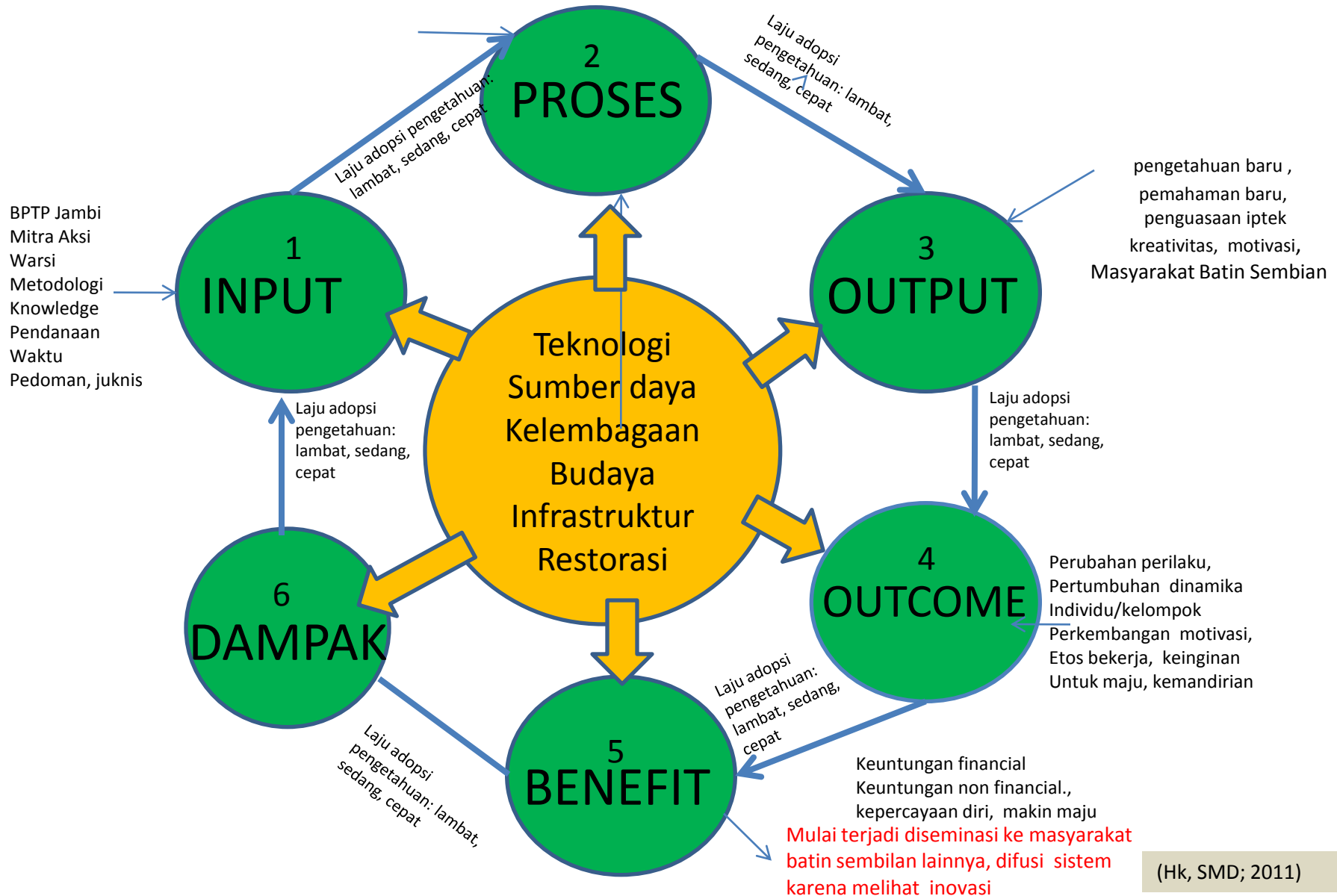
Number of women has not implementing = 2 person



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...!!!**