



Sustainable Cocoa Production Program (SCPP):  
Analysis of cocoa beans processing and quality in post-harvest in South East Sulawesi in Indonesia

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# Introduction (I) - Cocoa production in Indonesia

- ▶ Location



- ▶ Position on the market



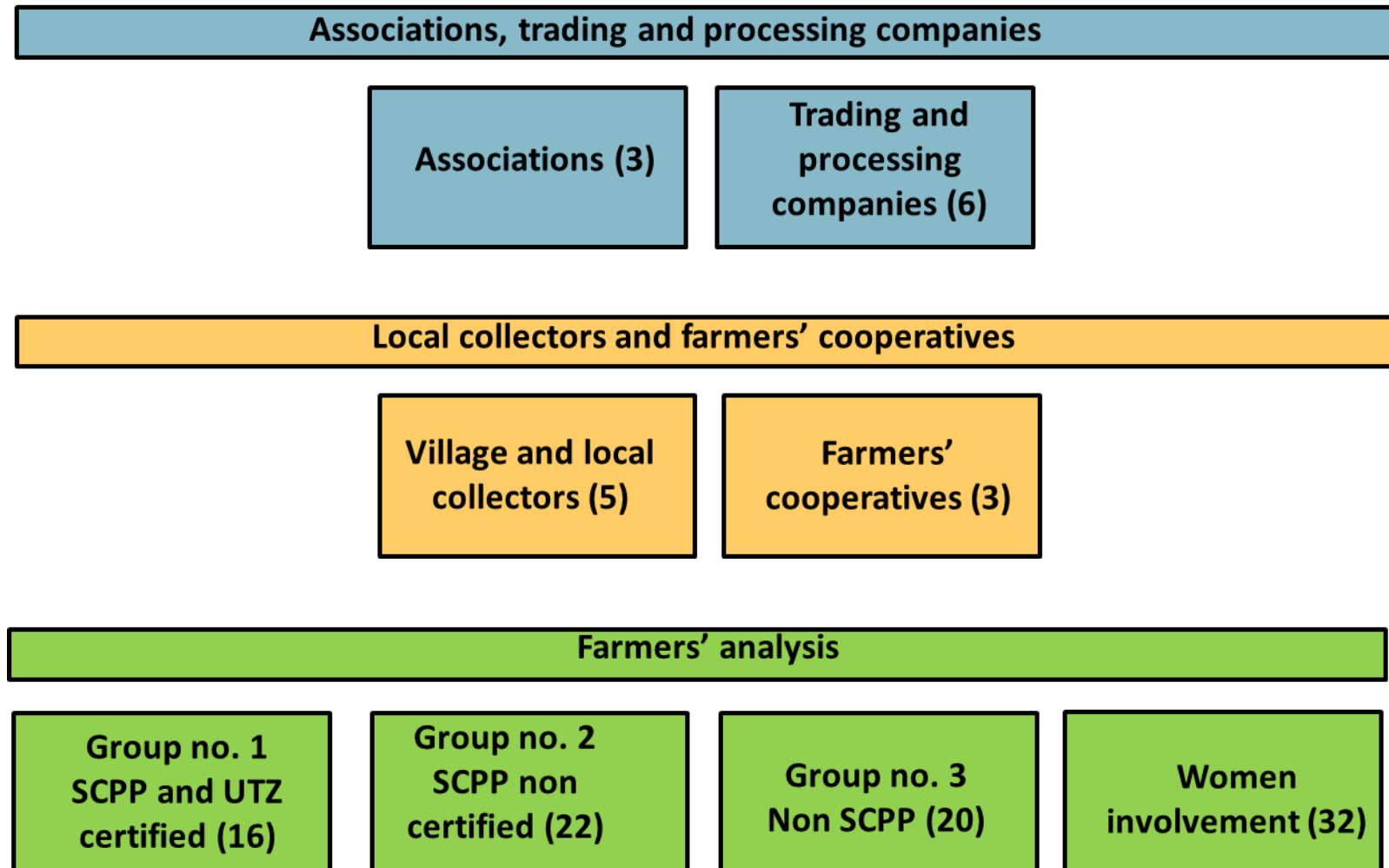
- ▶ Small-scale production



- ▶ Need for intervention



# Introduction (II) – Cocoa Value Chain and method



# Introduction (III) - Research hypothesis

1. Impact of SCPP on farm-level
  1. **social conditions**
  2. **post-harvest-practices**
2. Influence of SCPP on the perception of the **quality of cocoa beans**
3. The stakeholders in the value chain and applied **quality criteria to the dried cocoa beans**
4. Implementation of **UTZ certification**
5. Involvement of **women** in the cocoa production
6. **Improvement** on farm-level with SCPP



# Results - Farmers analysis: impact of the SCPP

## Hypothesis 1 – Social conditions and post-harvest practices

### ▶ Social conditions

- ▶ Running water
- ▶ Electricity
- ▶ Transportation
- ▶ Diversified diet

### ▶ Post-harvest practices

- ▶ Fermentation
- ▶ Drying
- ▶ Sorting



**NB: Group 1: SCPP and UTZ certified / Group 2: SCPP no certified / Group 3: Non SCPP**

# Results: perception of the quality in the value chain

## Hypothesis 2 and 3

### Farmers

1. ~~Uniform size~~
2. Broken beans
3. Free from clusters
4. Free from mites
5. Free from foreign matter
6. ~~Bean count~~
7. ~~Slaty beans~~
8. Mouldy beans
9. Insects damaged
10. Insects infected
11. Germinated beans

### Local collectors

- ▶ Moisture content
- ▶ % of waste by weight
- ▶ ~~Smoky smell~~
- ▶ ~~Colour~~

### Companies

- ▶ Moisture content
- ▶ % of waste by weight
- ▶ Smoky smell
- ▶ Colour

# Results – Implementation of UTZ

## Hypothesis 4

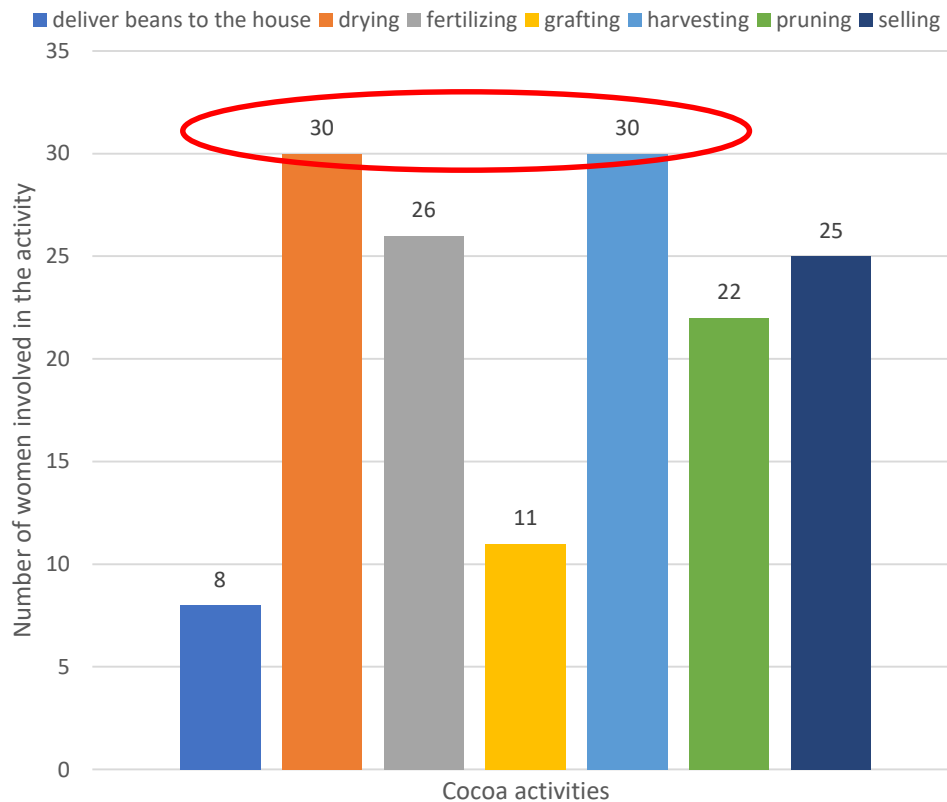
- ▶ Implementation of the certification
  - ▶ Main function of KGG ( Koperasi Gabungan Gapoktan)
- ▶ Farmers and UTZ
- ▶ UTZ in Indonesia



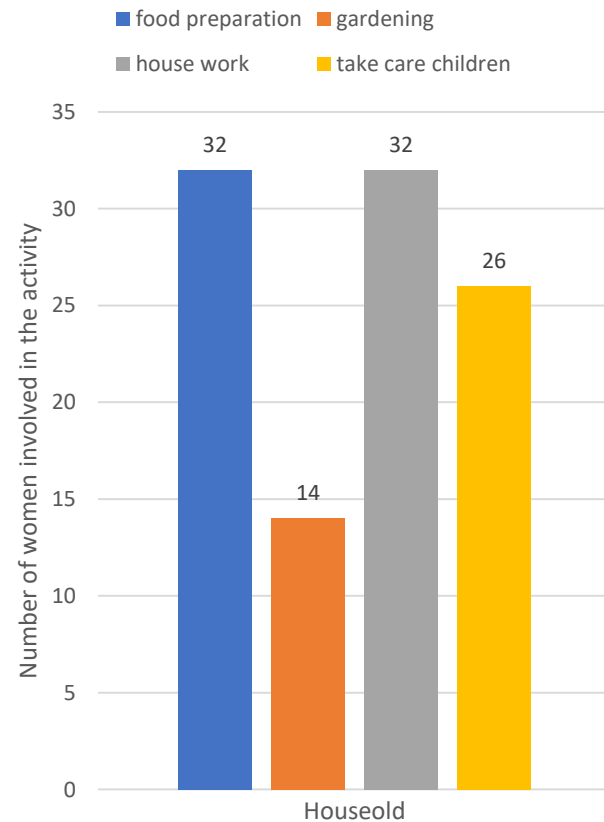
# Results – Role of the women in the cocoa sector

## Hypothesis 5

### Activities of the women in the cocoa sector



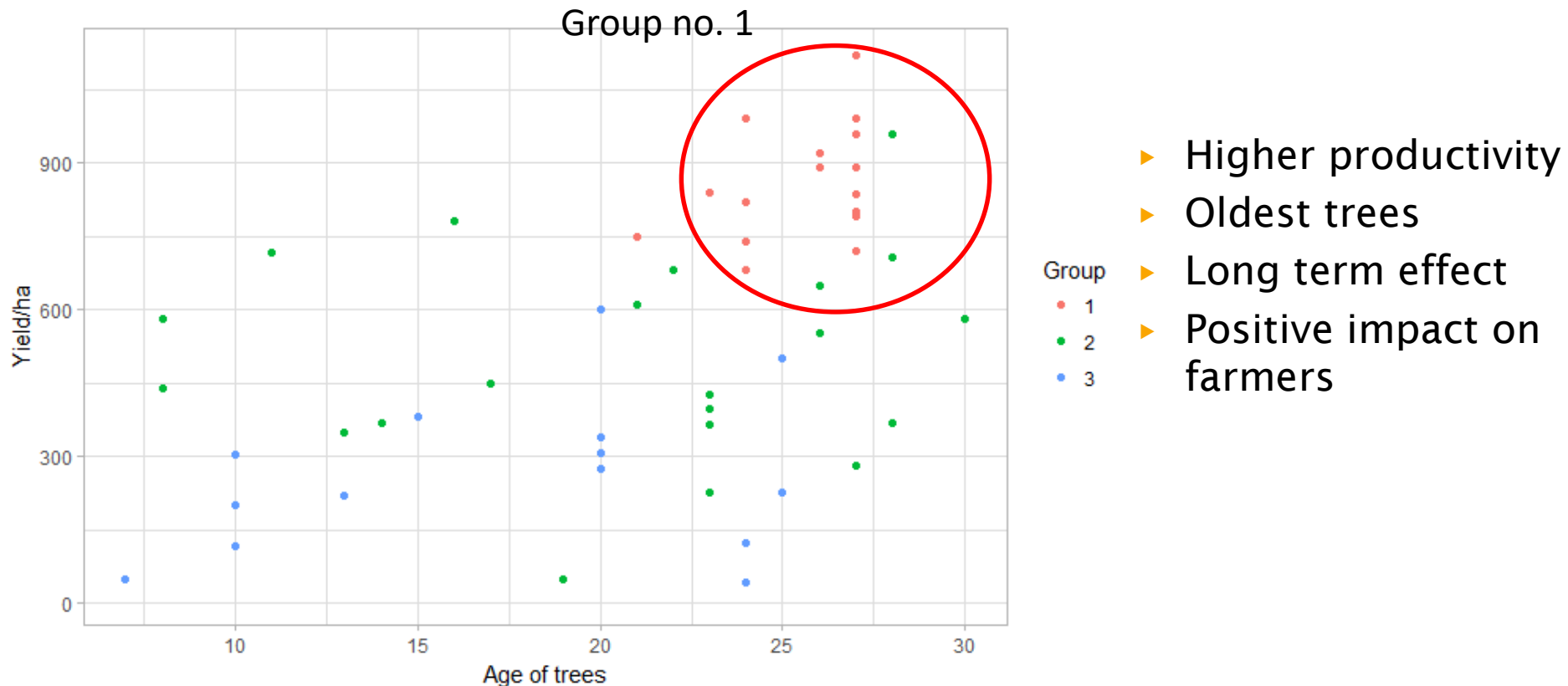
### Activities in the house





# Results - impact of the SCPP

## Hypothesis 6



**NB: Group 1: SCPP and UTZ certified / Group 2: SCPP no certified / Group 3: Non SCPP**

# Conclusion

- ▶ Positive impact of the SCPP on farm-level
- ▶ Inequality of the evaluation of the quality of the cocoa beans in the value chain
- ▶ Creation of UTZ mainly for the worldwide market, not direct impact for farmers
  
- ▶ In the future...
  - ▶ Empowerment of farmers by creation of groups and cooperatives
  - ▶ New law by the government
  - ▶ Add value on the beans with fermentation

**...The key of a Indonesia is to link the stakeholders to each other in order to sustainable development of the cocoa sector in improve the quality and the productivity of the cocoa production...**