INDONESIA DEVELOPMENT FORUM 2019

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Kementerian PPN/ Bappenas

KNOWLEDGE SECTOR INITIATIVE

Australian Government

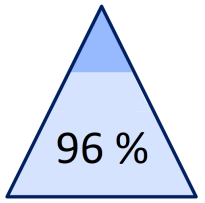
UNIVERSITAS INDONESIA FEB

Lembaga Demografi

Enveritas

Promoting Inclusive Growth by Improving the Productivity and Sustainability of Smallholder Coffee Farmers in Sumatra

23 July 2019



1.8 juta petani kecil

1.2 juta hektar

>$1 milyar pemasukan ekspor

667,000 ton

Yield 692 kg/Ha

Social

- No Child Labor
- No Forced Labor
- Minimum Wage Respected
- No Discrimination
- Clean Water
- Decent Housing
- Worker Rights & Benefits
- Freedom of Association
- Written Contracts
- Occupational Health & Safety

Environmental

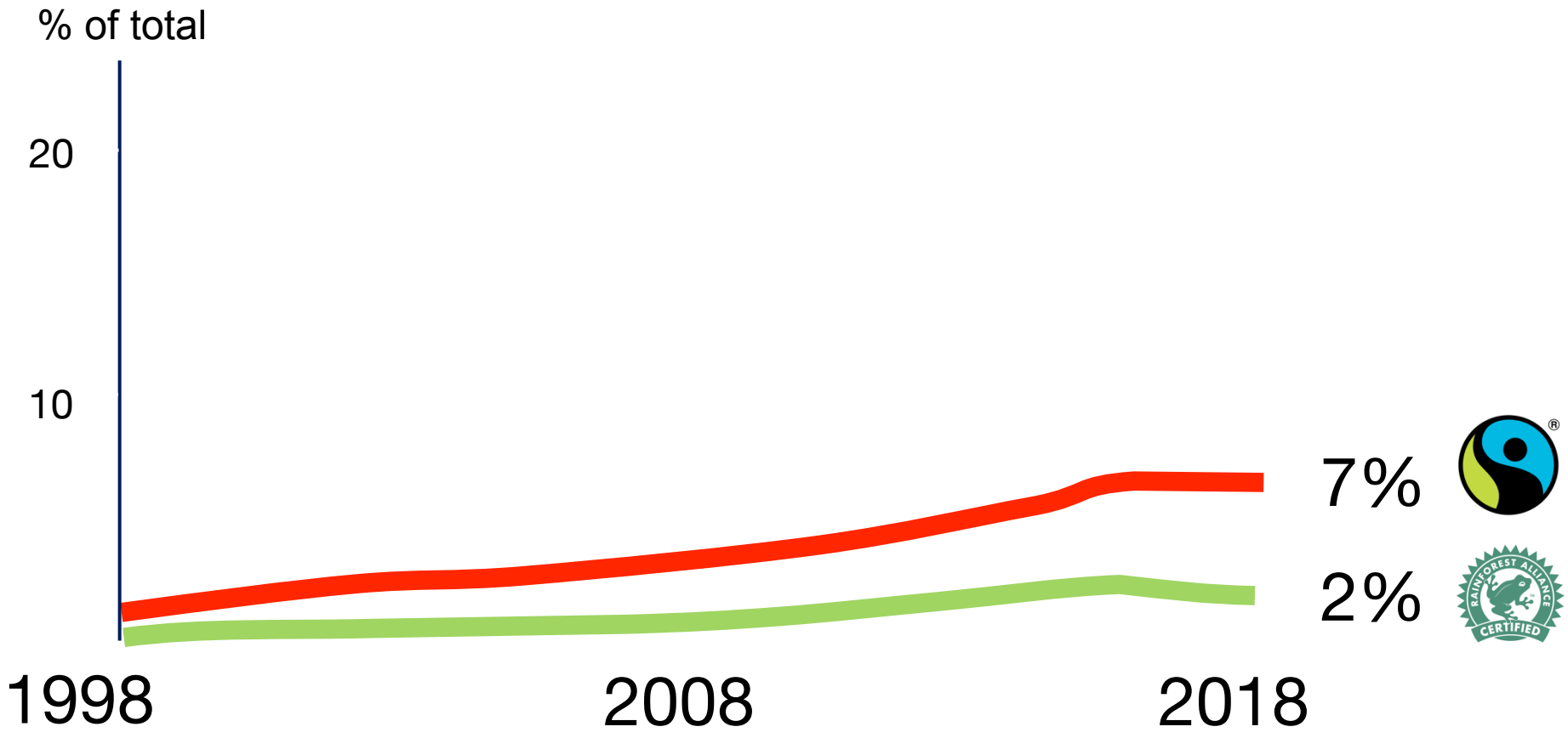
- No Deforestation
- No Pollution
- Biodiversity Protection
- Soil Conservation
- Water Conservation
- Energy Conservation
- No GMOs
- No Banned Pesticides
- Safe Chemical Handling
- Pest & Disease Management

Economic

- Above Poverty Line
- Transparent Pricing
- Ethical Business Practices
- No Forced Land Evictions
- Sustainable Production
- Quality Improvement
- Traceability
- Access to Training
- Access to Finance
- Records Kept

Standards Enveritas yang lengkap dapat diakses di https://www.enveritas.org/library/standards

Apakah sertifikasi dapat mengatasi tantangan tersebut?

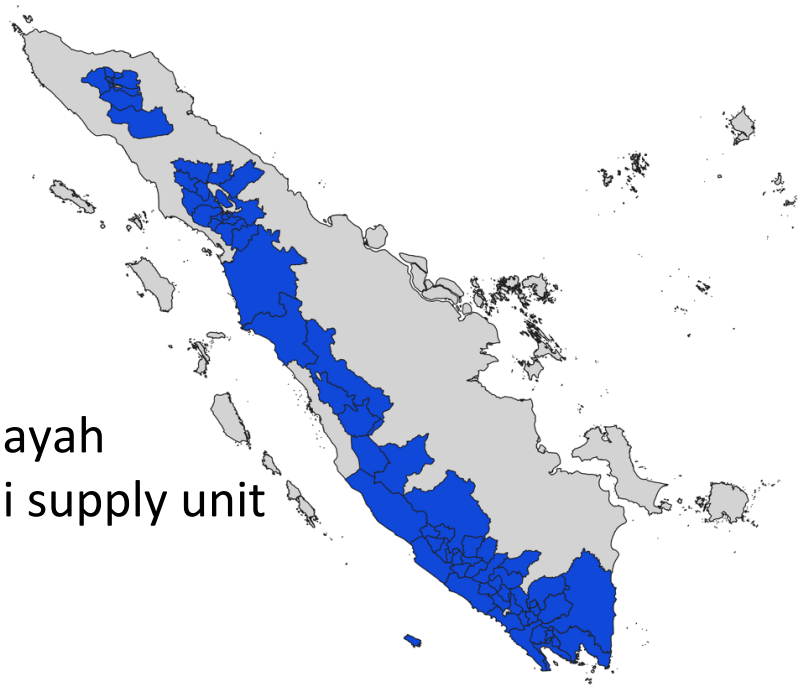


Pemerintah dan pengusaha baru bisa menjamin keberlanjutan petani kopi lewat pemetaan yang inklusif

1

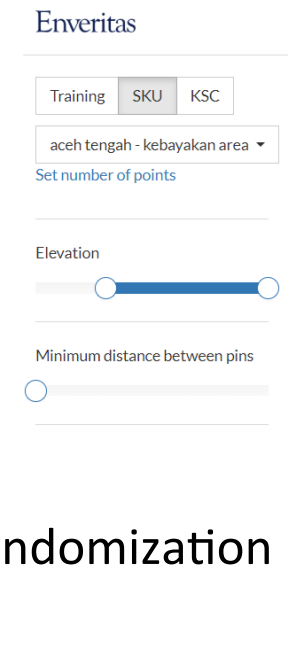
Metode Enveritas menjamin

- pemetaan yang inklusif untuk seluruh petani kopi
- dukungan apa yang mereka butuhkan



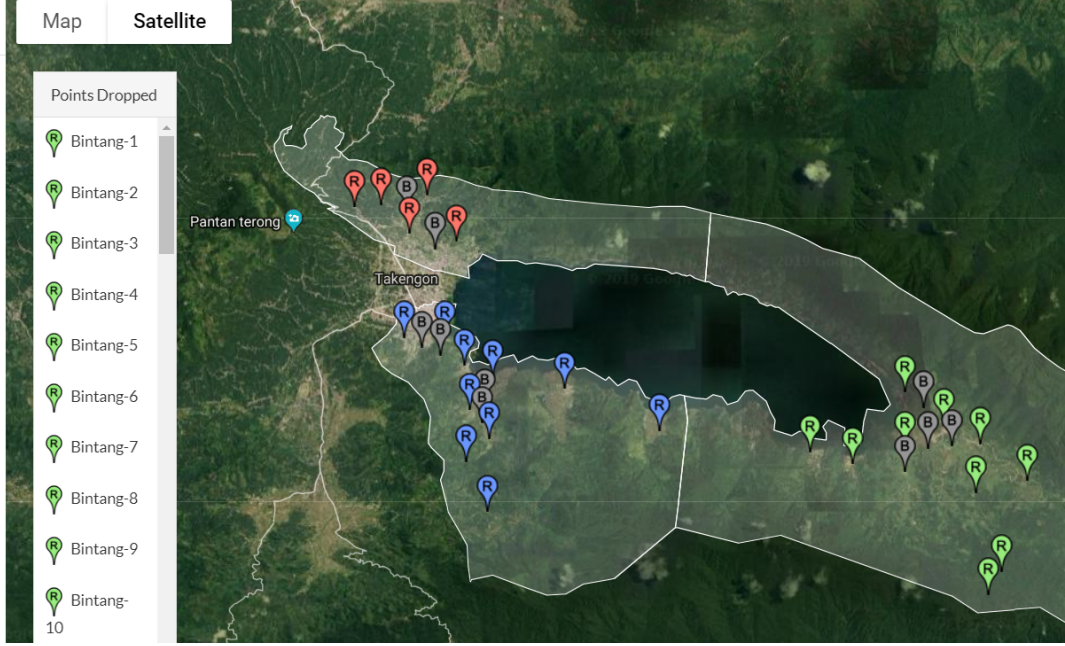
1

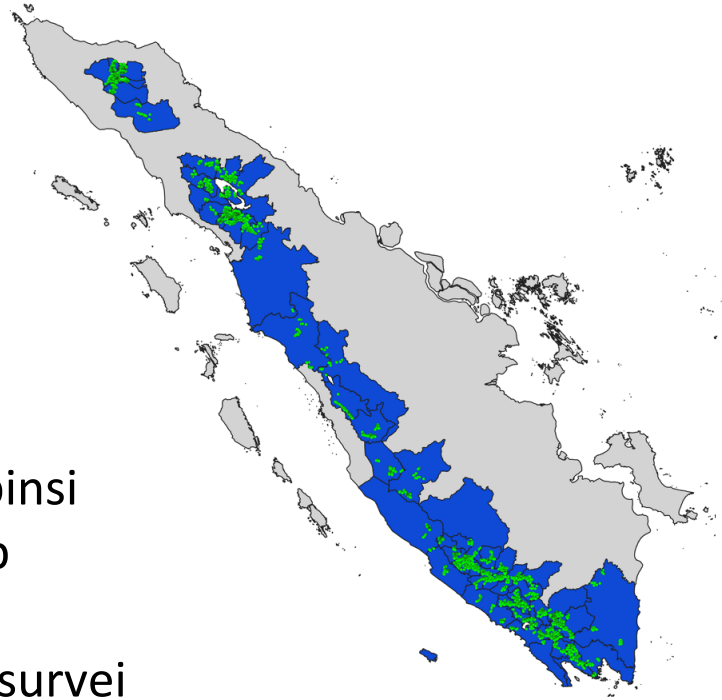
Bagi wilayah
Menjadi supply unit



2

Geo-randomization





3

Survei
7 propinsi
44 Kab
68 SU
8,236 survei

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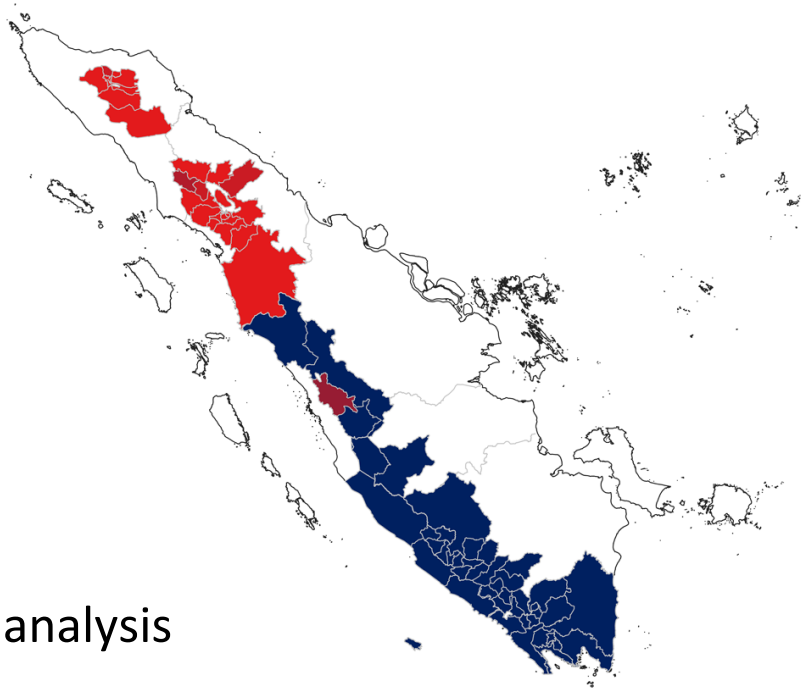
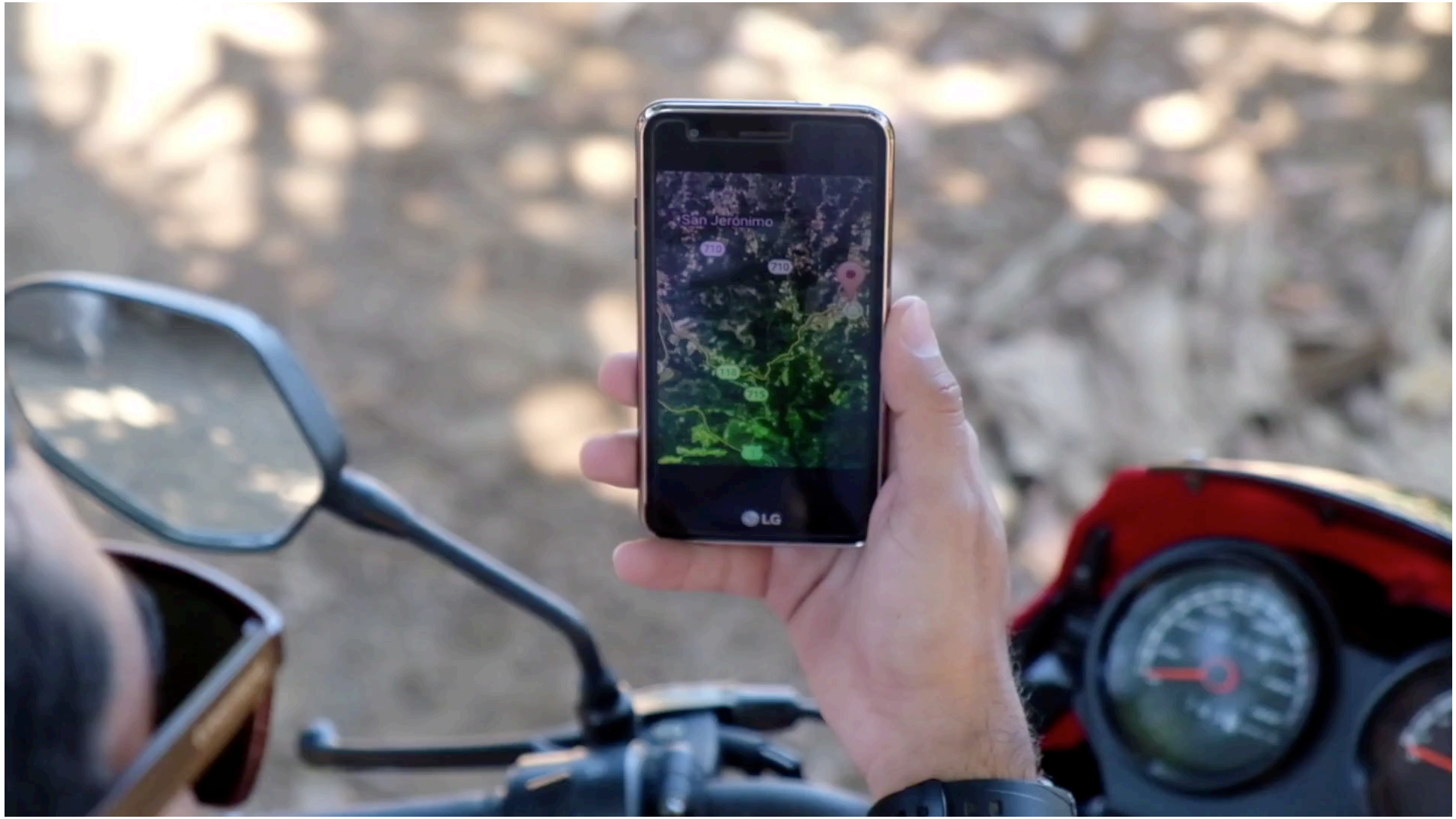
Lembaga Demografi



4

Data analysis


San Jerónimo
710
LG

Enveritas dalam angka

Operations

11 countries

Presence

20 countries

Farmer Study

>75K farmers

Smallholder verification

~25% of the world

14k farmers

100% Sumatra

Pemerintah dan pengusaha baru bisa menjamin keberlanjutan Petani kopi lewat pemetaan yang inklusif

1

Metode Enveritas menjamin

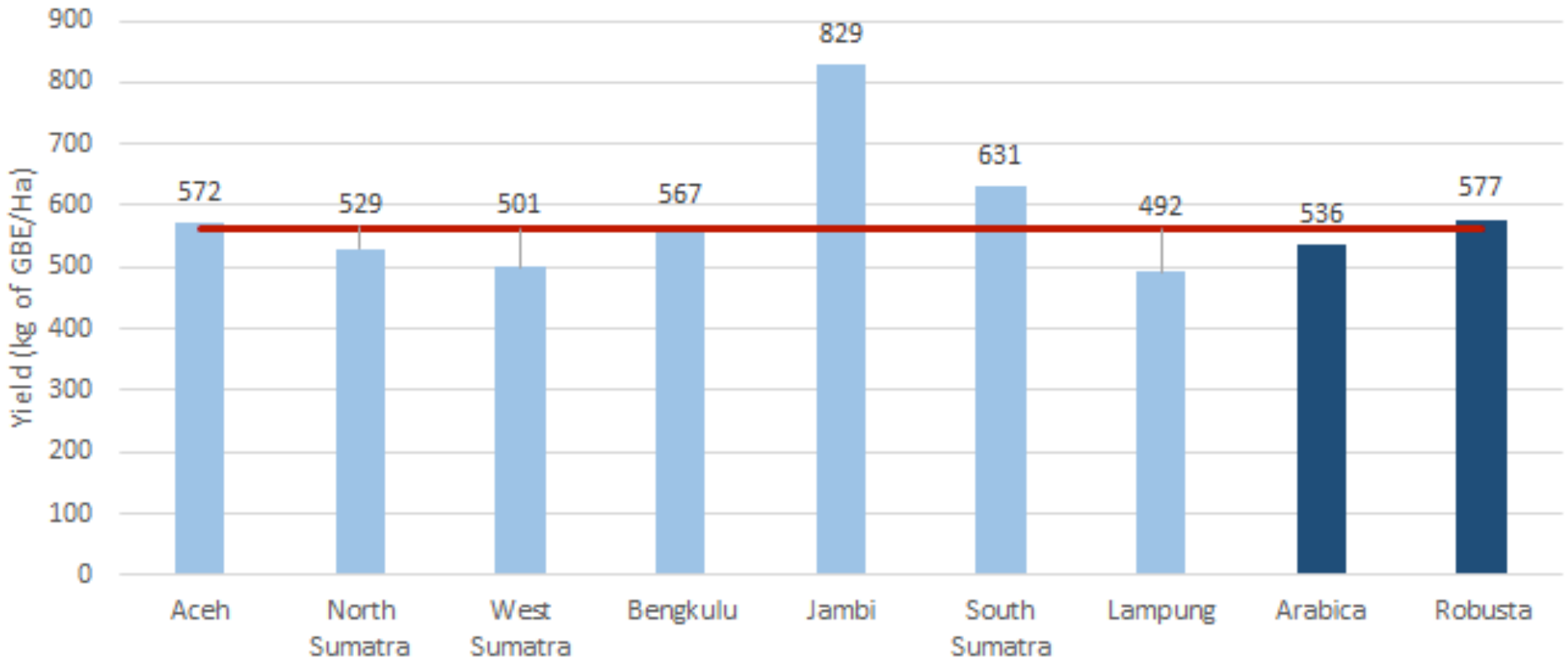
- pemetaan yang inklusif untuk seluruh petani kopi
- dukungan apa yang mereka butuhkan

2

Data Enveritas yang inklusif menjamin

- investasi yang tepat sasaran untuk petani kopi

Yield


Yield (kg of GBE/Ha)
900
800
700
600
500
400
300
200
100
0
572
529
501
567
829
631
492
536
577
Aceh
North Sumatra
West Sumatra
Bengkulu
Jambi
South Sumatra
Lampung
Arabica
Robusta

Enveritas

Show Ranking

Kikyusa

73% sustainable

Unit type:	Robusta, smallholder
Harvest:	Oct '16 - Jan '17
Generated:	03-Apr-2017
Est # farmers:	7014
Est volume (tons):	2769

Social

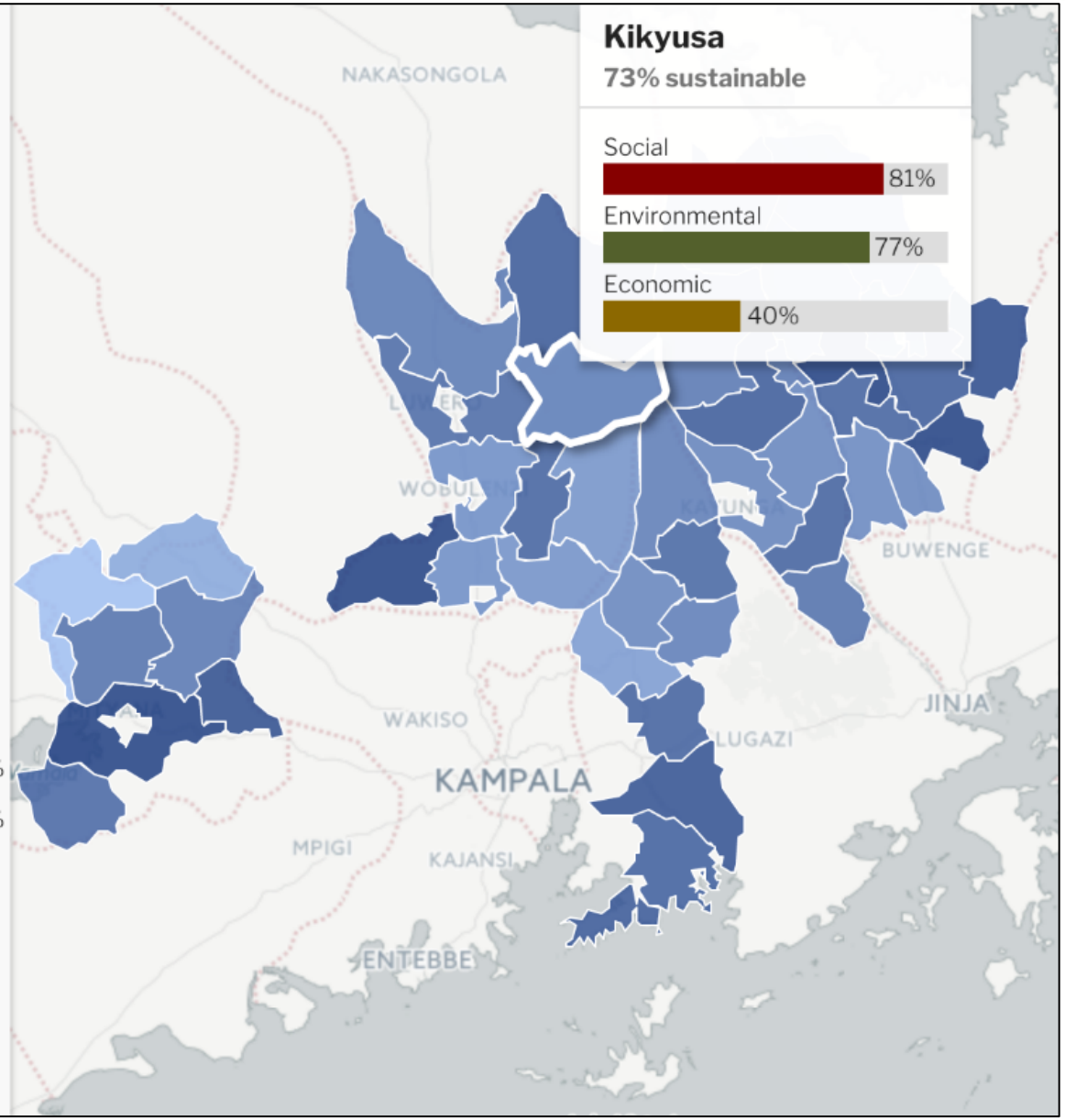
No Child Labor	84%
No Forced Labor	96%
Minimum Wage Met	97%
No Discrimination	97%
Clean Water	34%
Occup. Health & Safety	77%

Environmental

No Deforestation	61%
Biodiversity Protection	81%
Soil Conservation	64%
Water Conservation	98%
No GMOs	100%
Safe Chemical Handling	55%
No Banned Pesticides	100%
Pest & Disease Mgmt.	55%

Economic

Above Poverty Line	72%
Transparent Pricing	62%
Sustainable Production	42%
Quality Improvement	53%
Access to Training	4%
Access to Finance	54%
Records Kept	21%



Mari berkolaborasi!

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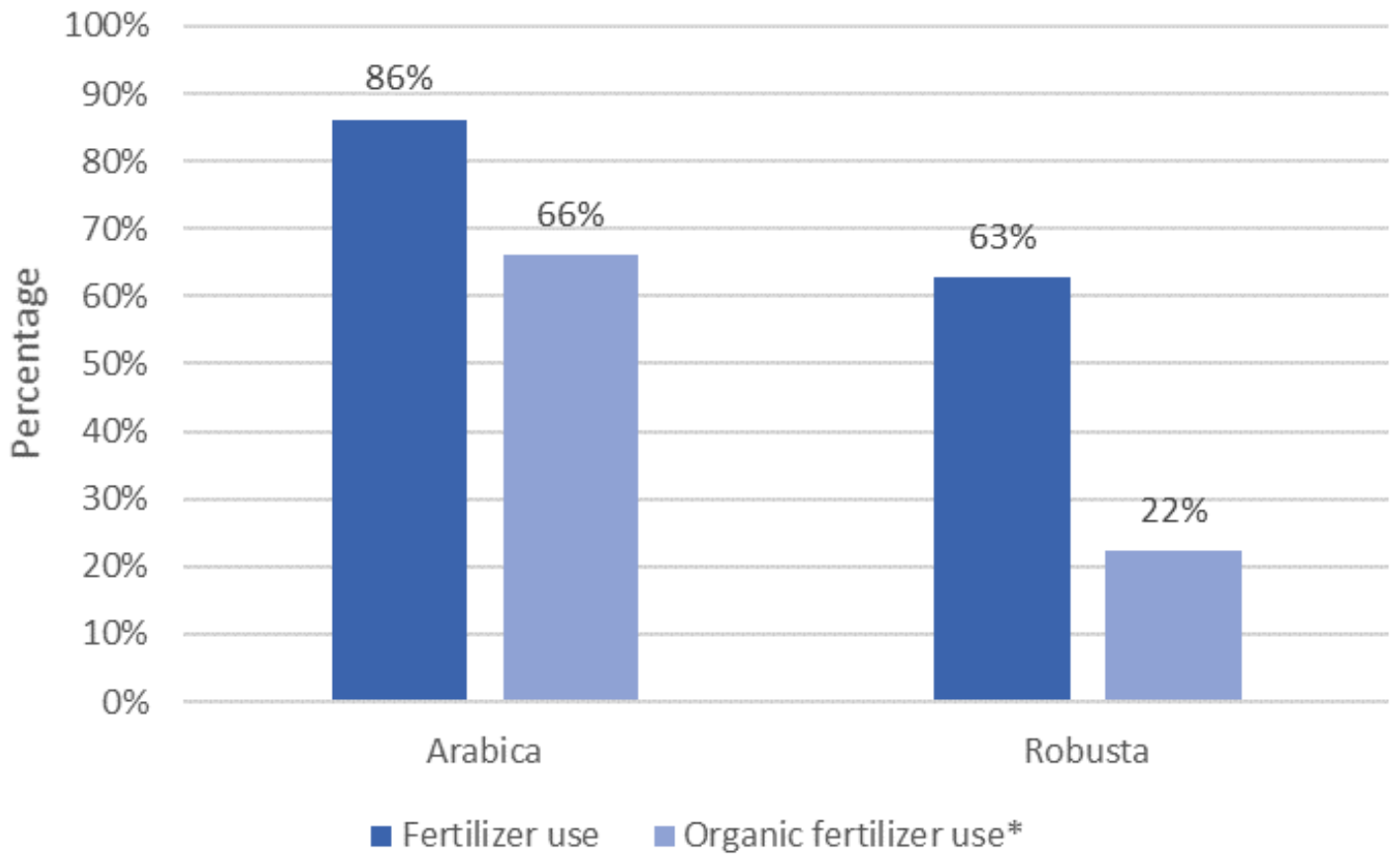
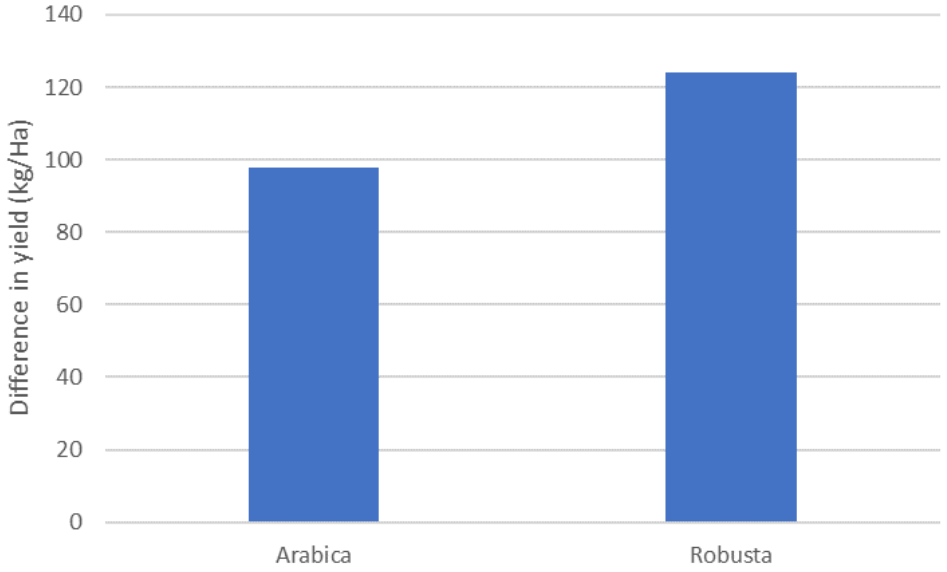
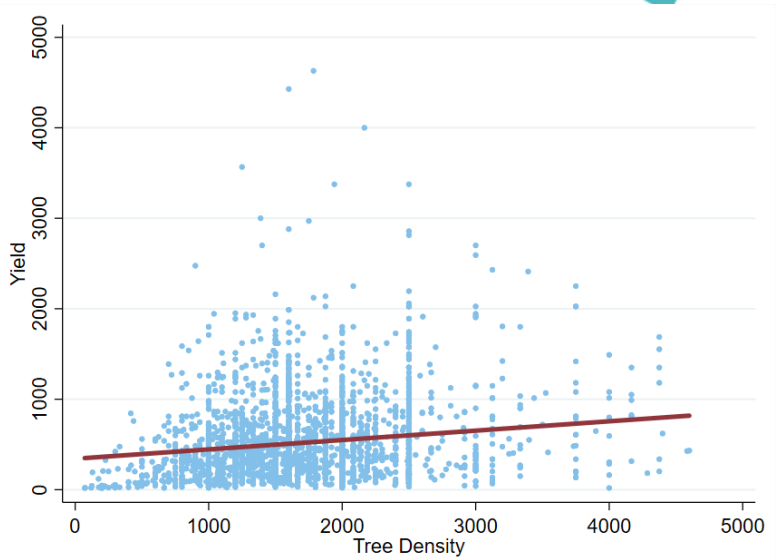
Thank you

Backup


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Percentage
86%
66%
63%
22%
Arabica
Robusta
Fertilizer use
Organic fertilizer use*

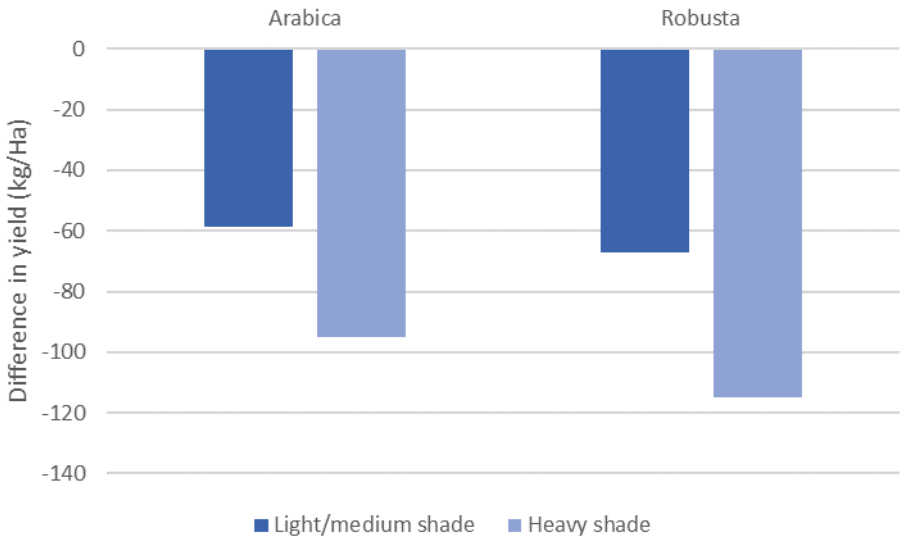
Factors correlating with yield





1 Fertilizer application

2 Tree density



3 Shade tree management

1. Conduct a rigorous study on each harvest to understand the yield figures across Indonesia’s coffee growing regions

2. Identify the prevailing prices of soil and leaf testing services, and exploring designing interventions to make such services affordable to farmers

3. Initiate a research program to understand the pathways to reach optimal tree density among both arabica and robusta growing smallholder’s farms

4. Initiate a research study to understand the aspects of shade management that is suitable for the Indonesian context