

Anggar Are Bahu Borong Iring Kesuk

Lupit **Paron** Prowolon Rakit Rante

Ru Sangga **Tampah Tumbak Tumbuk** Ubin



Anggar Kalimantan 1/33 ha Lupit Jawa 250 ubin Are Bali 100m2 **Paron** Bahu Prowolon Borong Rakit Pantura 1000m2 Iring Rante Sumatera 22 x 22 yard Kesu (Mataraman 1/6 ha atau 1000m2

Ru Sangga Jawa 5 ubin = 70m2 Tampah Tumbak Jawa Barat 3.75 x 3.75m2 Tumbuk Jambi 100m2 Ubin Nasional Ru=tumbak



# LOW PRODUCTIVITY DUE TO ASYMMETRIC INFORMATION







Paddy productivity

14.5%

Less than Vietnam

Highest
Paddy production cost
in Asia (\$0.3 per kg)

(5.7 tones per hectare)

Post-harvest
LOSS 20%
Of crops

Even lower compared to Japan, China, South Korea and Australia

2.5x higher than Vietnam, 1.8x higher than Thailand 1.2x higher than China

Inefficient value chain from farmer to consumer

Source: IRRI (2016)



# PROBLEMS WITH DATA















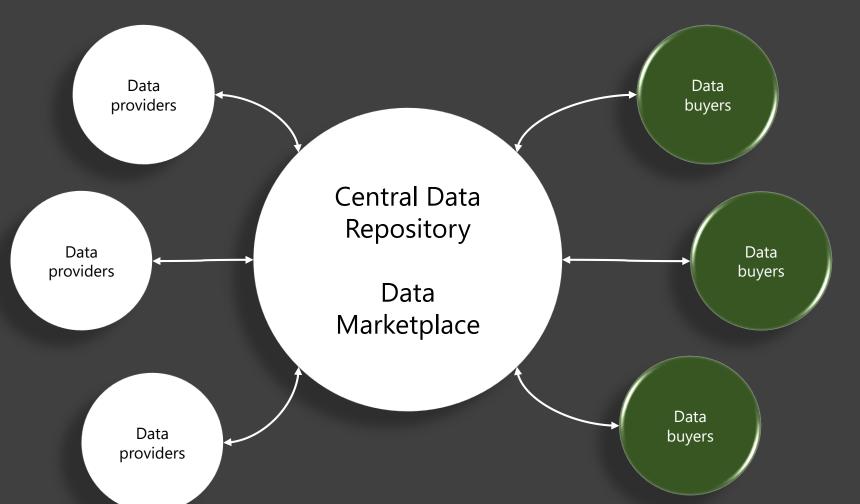
**Exploitation** 



**Availability** 



### TRUST PROBLEMS WITH TRADITIONAL DATA EXCHANGE



Trust?

Transparency?

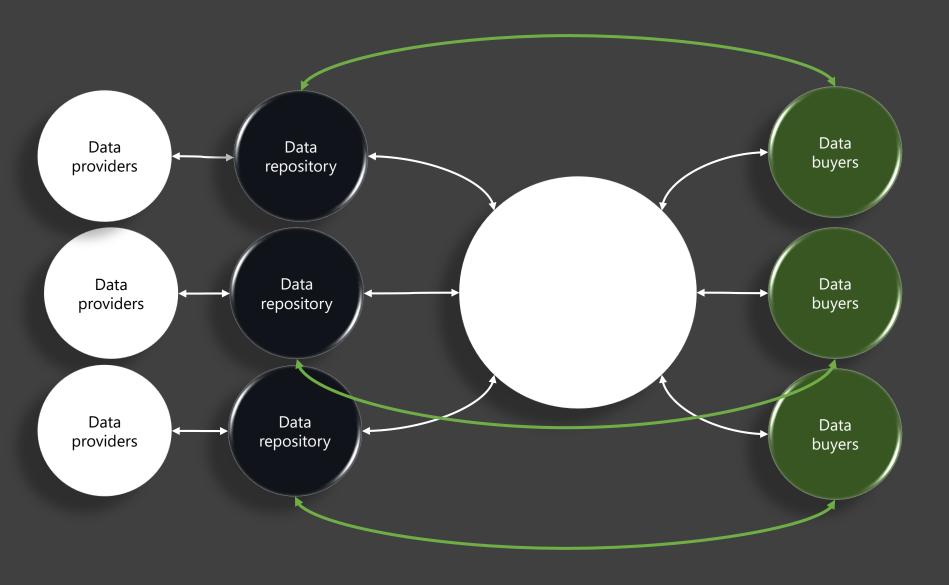
Data

ownership/privacy?

Data integrity?

Data security?

## DECENTRALIZED DATA EXCHANGE ELIMINATE THE TRUST PROBLEM



Trusted

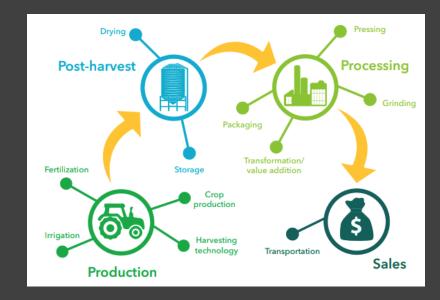
Transparent

Guaranteed integrity (immutability/traceability)

Secure data ownership/ privacy issues (smart contract)



# HARA PRODUCTS



BY TAKING GRANULAR APPROACH, HARA STARTED ITS FOCUS AT THE INDIVIDUAL FARMERS IN THE PRE-PRODUCTION STAGE 1. DATA ACQUISITION





2. PRODUCTION FINANCING & INSURANCE





3. HARA AGRI-PRENEURSHIP





# DIGITIZING AGRICULTURE DATA THROUGH AGRIPRENEURS

There are 74,350,000 Young Potential Indonesian Leaders living in rural area (age 21-35-BPS 2019), they have solid aspiration to have better life while helping to improve their family economy and village welfare in the future









**Active in Organization** 



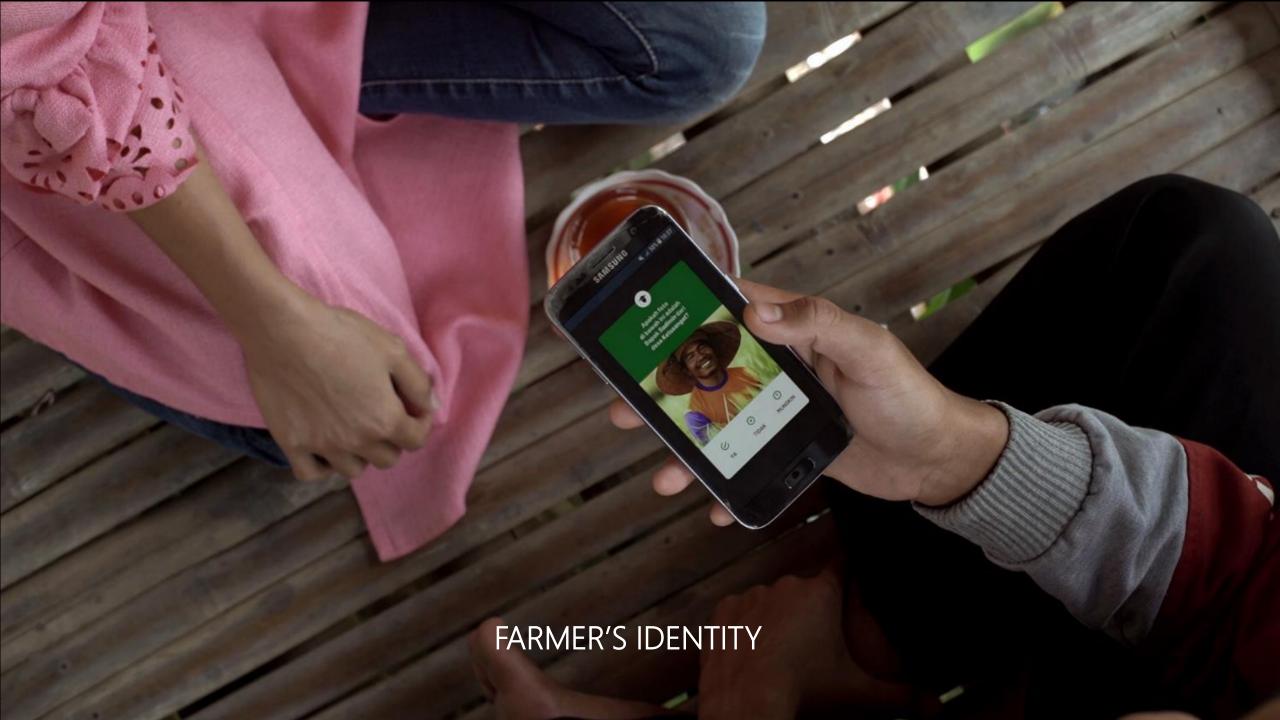
Housewife

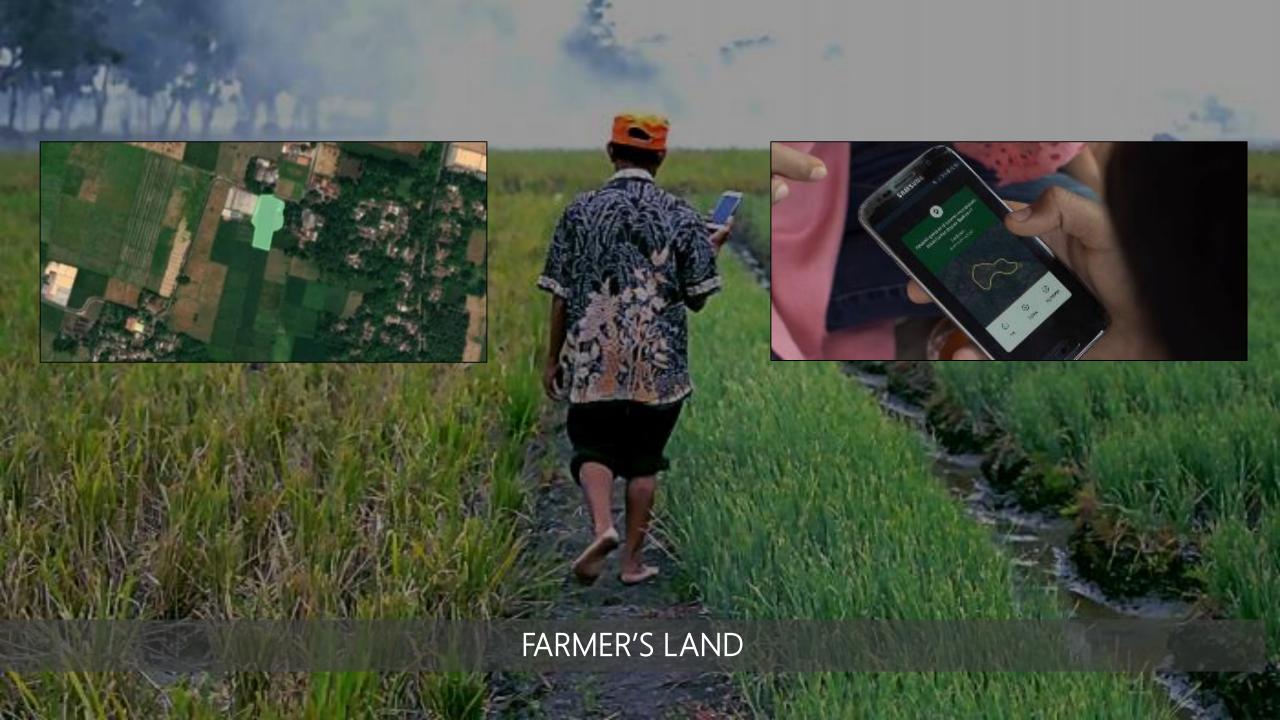
Housewit



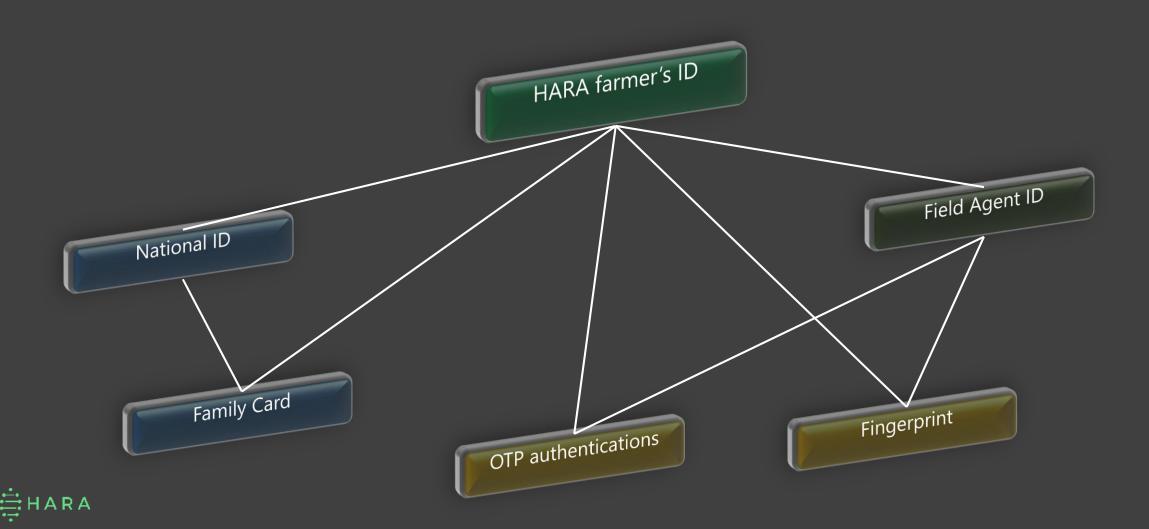
EVERYBODY WITH A **PHONE** CAN BECOME **AGRIPRENEUR** AND JOIN THE HARA ECOSYSTEM ©HARA 2019

**Own Small Kiosk** 





# **Every Links To Legal Documents, Every Peer Verifications, Electronic Authentications Are Recorded As Blockchain Transactions**



# OPEN NEW ACCESIBILITY AND POSSIBILITIES FOR FARMERS



MARKET





**LAND TITLING** 



**FINANCING & INSURANCE** 

Bapak Visu

benefits





**TOKEN INCENTIVES** 

Access to micro-loans and other

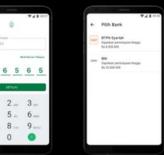


The menu "Pembiayaan Pertanian" on Homescreen



Choose Farmer and OTP verification (one time code)

Land



Choose List of Information Loan Provider required



HARA AGENT

Filling Form





Upload

"Kartu Keluarga"

Take picture of all

documents required



Upload e-KTP (e-Kartu Tanda Penduduk)



Upload Selfie with KTP



Upload SKU (Surat Keterangan Usaha)



#### HARA AGENT

Mobile App with social mission to provide access to finance for small-holders farmers by incentifying field agents



FARMERS KYC

Entry Farmers personal identifiable information for KYC

Incentified by verified farmers and land tagged



LAND TAGGING

Tag farm land to create polygon and calculate land size



BANK LOAN

Apply for bank loan to support farmers agricultural business activity

Incentified by loan disbursement and repayment



CROP INSURANCE

Apply for crop insurance to protect farmers from harvest failure bankruptcy

Incentified by premium payment and claim



# HARA PRODUCTION FINANCING















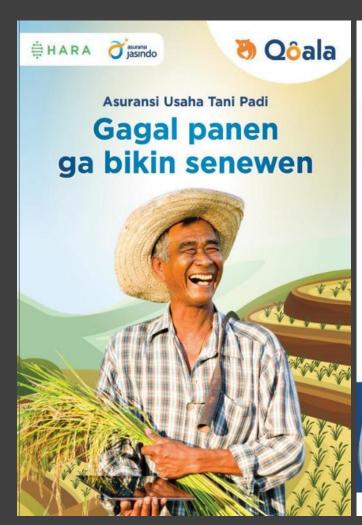






### HARA CROP INSURANCE





Qoala, Hara, dan Jasindo bekerjasama untuk menghadirkan asuransi terlengkap yang akan melindungi sawah para petani padi dari segala risiko gagal panen yang diakibatkan oleh banjir, kemarau, hama, dan penyakit tanaman. Asuransi ini membuat semua usaha petani tidak berakhir dengan rugi. Dapatkan asuransi unggulan ini hanya di HARA.

#### Perlindungan Penuh

Lahan sawah Anda akan terlindungi dari segala risiko gagal panen

#### Terjamin & Terpercaya

didukung asuransi Kompensasi yan rnama dengan dan dibantu ol lindungan pasti yang sigal

Perlindungan mencakupi







Mudah & Cepat

#### Bagaimana cara mendapatkan asuransi ini?

- 1. Dapatkan asuransi ini ketika melakukan peminjaman lewat HARA
- 2. Anda hanya akan dikenakan biaya premi sebesar 3% dari jumlah pinjaman
- 3. Begitu proses pendaftaran selesai, sawah Anda sudah resmi dilindungi

#### Bagaimana cara melakukan klaim?

- 1. Anda dapat melakukan klaim lewat agen HARA
- Bagikan foto lahan yang rusak ke agen HARA
- 3. Mereka akan mengambil alih proses klaim



#### ASURANSI USAHA TANI PADI

Asuransi yang melindungi sawah para petani padi dari risiko gagal panen yang diakibatkan oleh banjir, kekeringan, hama dan penyakit tanaman.

# Apa saja yang bisa Anda dapat dari asuransi ini?

- Melindungi Anda dari kerugian akibat gagal panen yang disebabkan oleh
- Banjir
- Kekeringar
- Hama dan penyakit (sesuai dengan yang tertulis di polis asuransi)
- Ganti rugi akan Anda dapatkan ketika kerusakan sawah lebih dari 75%
- Nominal ganti rugi akan disesuaikan dengan jumlah pinjaman Anda, maksimal Rp 15.000.000
- 4. Sawah Anda akan dilindungi selama satu siklus (4 bulan)

#### Cara Membeli polis Asuransi Usaha Tani Padi

Petani A memiliki lahan seluas 10 Hektar dengan pinjaman sebesar Rp 10.000.000. Beliau membeli Asuransi Usaha Tani Padi dan membayar biaya premi sebesar 3% dari pinjaman yaitu Rp 300.000. Petani A kini akan mendapat perlindungan selama 4 bulan.



Selama 4 bulan sawah milik petani A akan dilindungi. Pada bulan ke-2, terjadi banjir besar dan sawah petani A mengalami kerusakan. Setelah mengajukan klaim lewat agen HARA, ternyata lahan petani A mengalami kerusakan lebih dari 75% dan berhak untuk mendapatkan ganti rugi sebesar Rp 10.000.000 (sesuai dengan nilai pinjaman).



# HARA AGRIPRENEURSHIPS





HARA DEPO KIOSKS OPERATION MODEL Financing Increase Kiosk Kiosk Kiosk Training & **Purchase** Acquisition Onboarding Development Digitalization Order Digitalized **Business** Transactions **Expansions** Activity **Empowerment &** Cash

DEVELOPMENT SUPPORT BY HARA FOR EVERY AGRIPRENEUR

Every Agripreneur will go through 2 phases development journey. Phase 1 is mandatory for every Agripreneur who are onboarded and Phase 2 we will select monthly top 10 high performing Agripreneur to go to the next level of their journey on developing their business.

ding individual Transaction Size.

OUTCOME Digital transaction

.Traceable customer

leads by doing data

acquisition and loan to farmers . Increased business growth by access to digital platform

record for kiosk verification purposes

34 Strictly Private and Confidential





Collections



Engagement

JOINING THE MISSION

BASIC ONBOARDING

TECHNICAL ASSISTANT

ON THE JOB ASISTANT

Phase 2 will give a series of technical skills for them to be able to generate more income by producing their own products i.e. processfood and packaging.









Strictly Private and Confidential

TECHNICAL SKILLS - FOOD PROCESSING

PACKAGING AND MARKETING





BNI, Hara Dan Pemerintah Tuban Mencetak 1000 Agripreneur



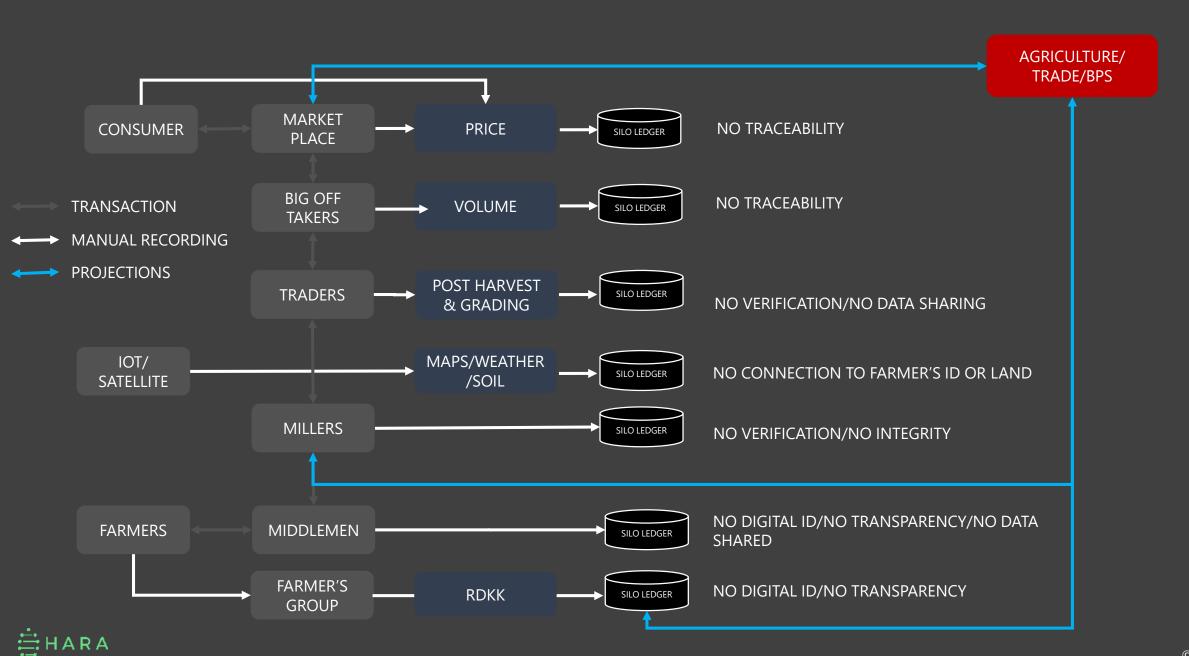
https://drive.google.com/open?id=h



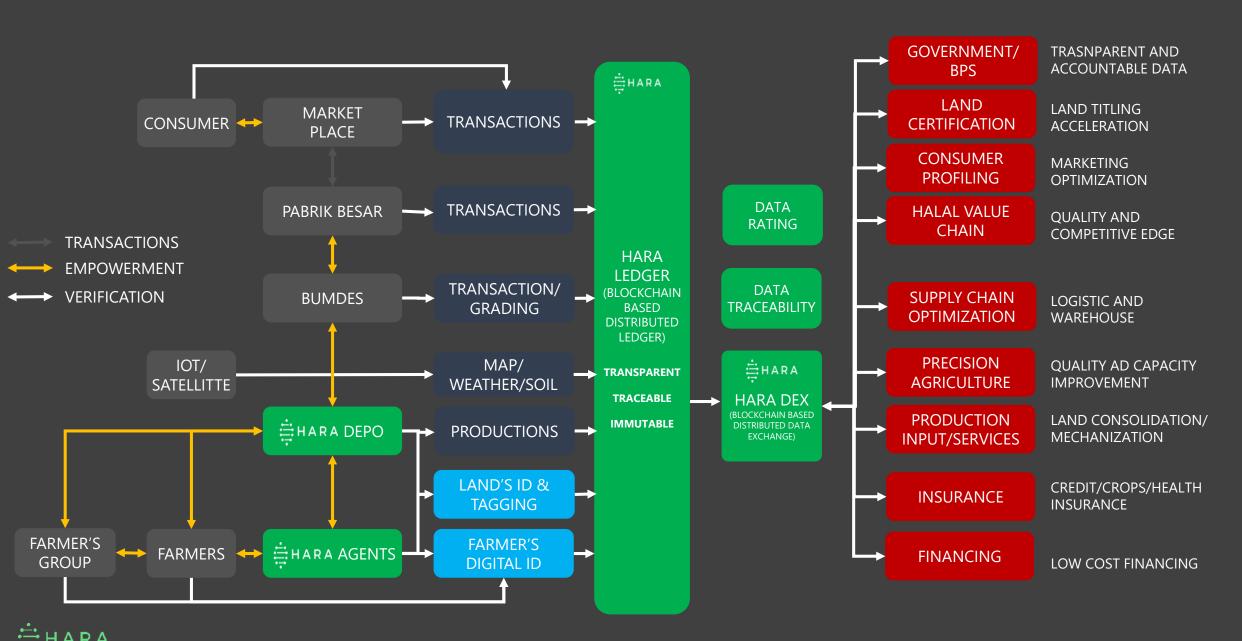
Total Amount of Klosks Based on Segments and Locations



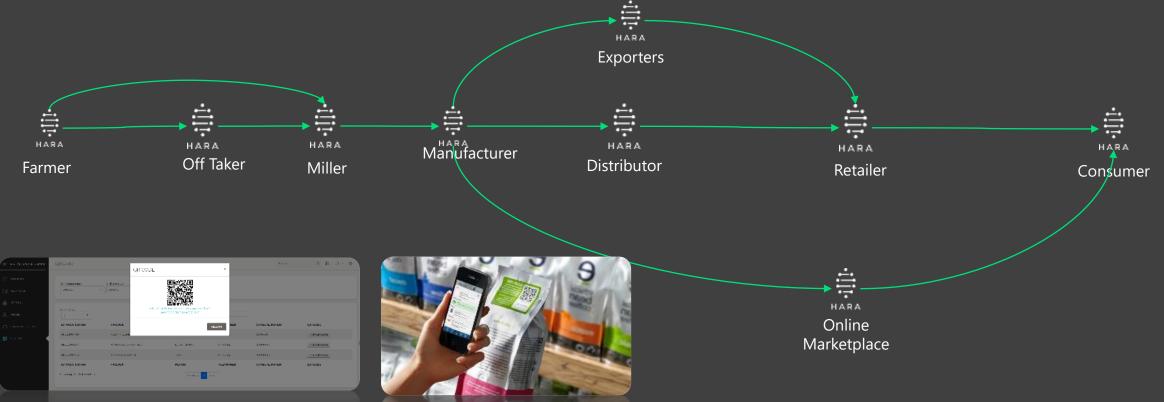
### **CURRENT AGRICULTURE DATA VALUE CHAIN**

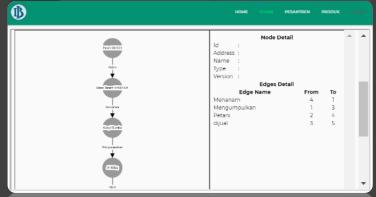


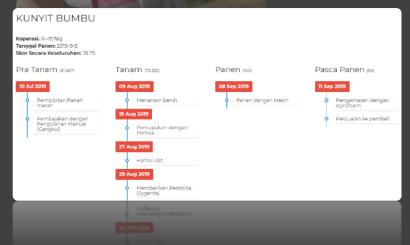
### WITH HARA'S DEX AND HARA'S TRACEABILITY

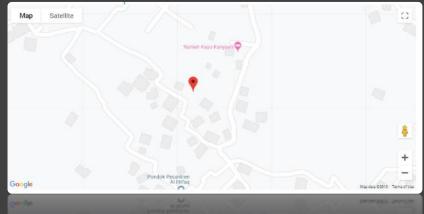


# Visible Supply Chain Networks









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# once we have enough historical data we can improve productivity further by applying precision agriculture



# JOIN OUR MISSION



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