

Producer Problem

Dependence on local traders/middlemen
for the disposal of their farm produce
which is sold at throw-away price.

Consumer Problem

Quality issue when dealing directly with the farmers
that are small growers
but large in numbers.

Agriculture Mandi



Blockchain Framework



Alternative Mandi chain

Solution

1. Farmer (Producer):

Dependence on local traders/middlemen for the disposal of their farm produce which is sold at throw-away price.

- Auctioning the Farm Products directly to consumer.

2. Buyer (Consumer):

Quality Issue when dealing directly with the farmers that are small growers but may be large in numbers.

- Buying farm product directly validated by aggregator.

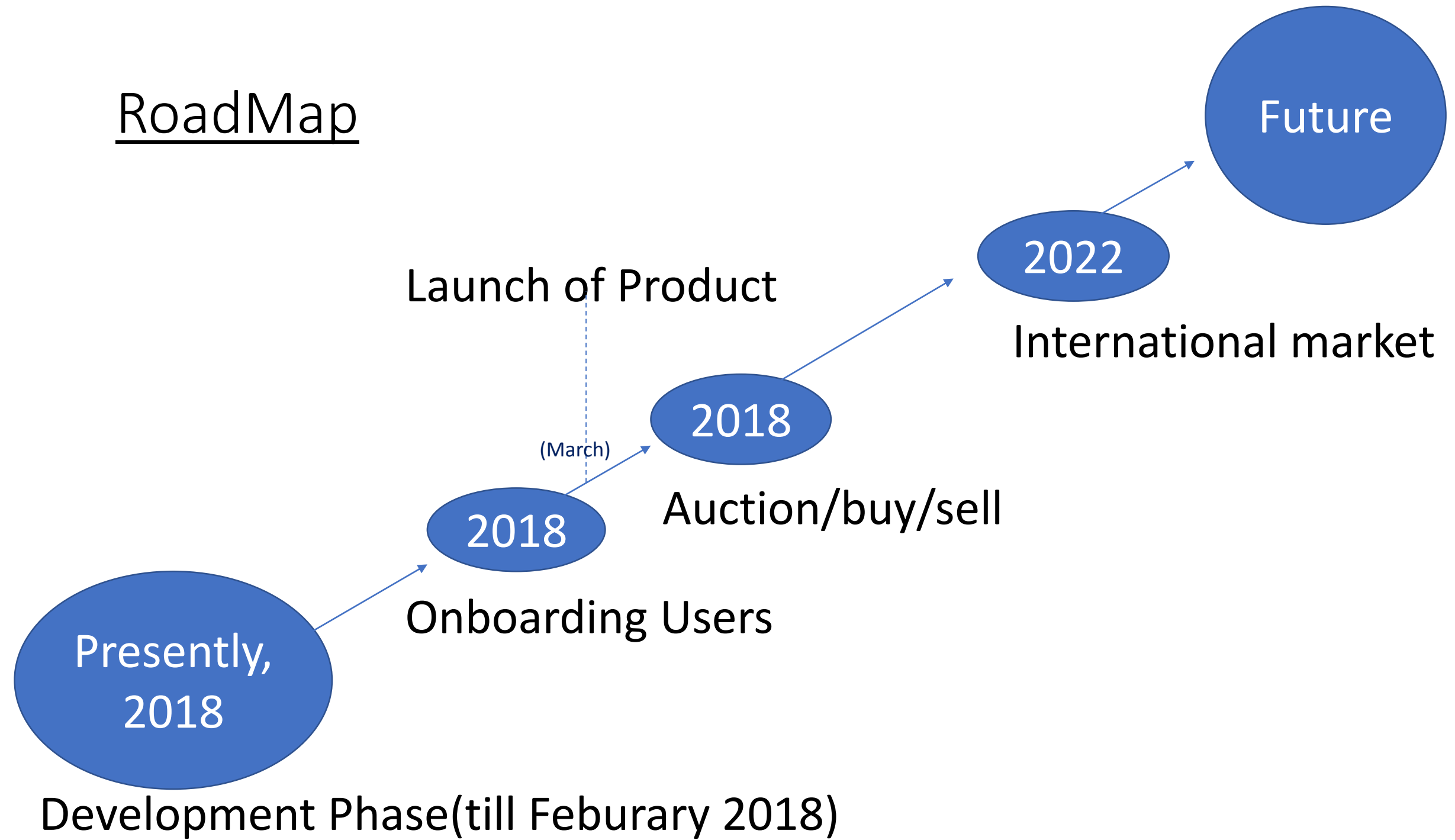
How Blockchain **Solves** It ?

1. Blockchain enabling secured, transparent smart contracts.
2. Unlocking true Potentials of farm products via auction.
3. Platform(Mobile/web/IVRS) to Connect Consumer and Producer.

Traction

Interacted with 30 Leads,
75% willing to participate,
15% were interested

RoadMap



Laws and Regulation

1. We are not violating any Existing Laws
2. Aggregators will be approved by APEDA
3. We are in touch with legal entities to abide to above laws.

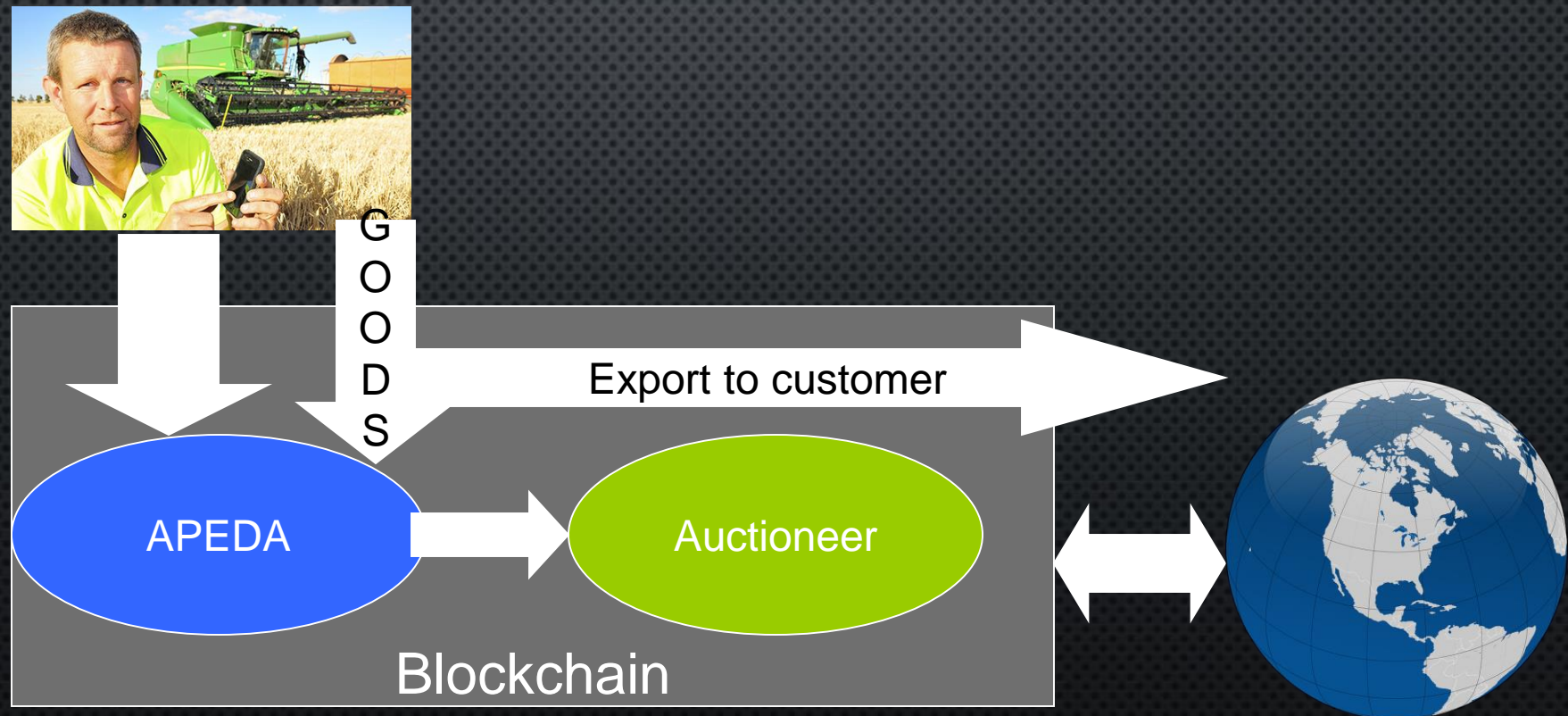
Revenue Model

- Input cost
 - Cost of Product
 - Development -- 50,000\$
 - Licenses – 5000\$
 - Human Resources – 5000\$
 - Legalities -- 10,000\$
 - Maintenance
 - Infrastructure Cost – 10,000\$
- Income

Who Win ?

- Farmers (Producer)
 - Higher prices for high quality products (bigger market)
- Buyers (Consumer)
 - High quality products
- Government
 - Healthy and profitable Farming ecosystem
- Aggregators & Auctioneer
 - 5 % of every lot sold

BLOCKCHAIN BASED MANGO EXPORT SYSTEM



MVP

Minimal Viable Product

ONBOARDING (VIA WEB APP)

REGISTER NEW USER

IF NOT REGISTERED THEN ADD THE FOLLOWING DETAILS

PARASMAMGAIN

PARAS

MAMGAIN

MAMGAIN.PARAS@OUTLOOK.COM

PRODUCER

ROLES :
PRODUCER

☒ AGGREGATOR

☐ AUCTIONER

☐ CONSUMER

8954106032

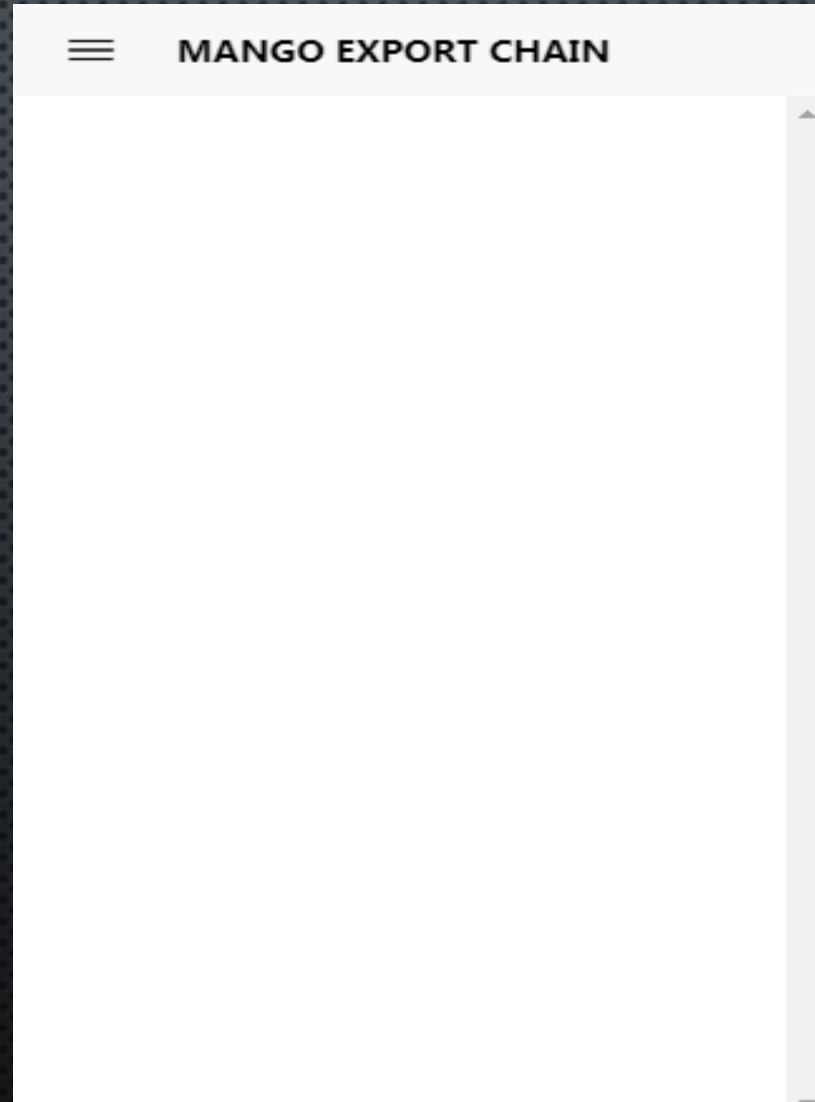
SIGNUP

ALTERNATIVE MANDI CHAIN

THANK YOU FOR REGISTERING WITH US.
ONE OF OUR ASSOCIATE WILL CONTACT YOU SHORTLY.

Copyright(c) Alternative Mandi Chain. **Designed by: AMC**

MOBILE APP SCREENSHOTS



MAIN MENU

MENU OPTIONS

MangoGrower Menu

Product details

Products List

APEDA Aggregator Menu

Aggregator

Auctioner Menu

AuctionPool

Mango Import Countries Menu

AuctionList

TradeList


PRODUCER MENU

 **PRODUCT DETAILS**

Product Name	<input type="text" value="Mango-Alphanso"/>
ProductType	<input type="text" value="Organic Fruit"/>
ProductGrade	<input type="text" value="A"/>
producerid	<input type="text" value="1000"/>
Quantity	<input type="text" value="100"/>
Prod-Date	<input type="text" value="01/21/2018"/>
Expiry-Date	<input type="text" value="01/26/2018"/>

Submit item details

PRODUCTS LIST

 **PRODUCTS LIST**

☐

Mango

☐

Orange

☒

Apple

☐

Rice

☐

Dal

Submit Selected Items

ITEM LIST


≡

AGGREGATED ITEM LIST

<input type="checkbox"/> Mango	
Quality <input type="checkbox"/>	Quantity <input type="checkbox"/>
<input type="checkbox"/> Orange	
Quality <input type="checkbox"/>	Quantity <input type="checkbox"/>
<input type="checkbox"/> Apple	
Quality <input type="checkbox"/>	Quantity <input type="checkbox"/>
<input type="checkbox"/> Rice	
Quality <input type="checkbox"/>	Quantity <input type="checkbox"/>
<input type="checkbox"/> Dal	
Quality <input type="checkbox"/>	Quantity <input type="checkbox"/>

Submit Selected Items

AUCTIONED ITEM LIST

 **LIST OF AUCTIONED ITEM**

☐

Mango

☐

Orange

☐

Apple

☐

Rice

☐

Dal

Submit Selected Items

ITEMS TRADED

TRADE ITEM LIST	
Traded items	
Mango	RASPURI21
Mango	RASPURI23
Mango	RASPURI223
Email the list	
Send E-mail	

What
We
Are
Doing ?

Effectively

And

Efficiently

Channeling

Farm

Products

Into

Market

For

Individuals,

Wholesalers,

Retailers.

Team

- Ramesh Belavad
Mobile : 9886626090
Email : raga2560@gmail.com
- Paras Mamgain
Mobile : 9871170149
Email : mamgain.paras@outlook.com
- Seetaram
Mobile : 9663607280