

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.

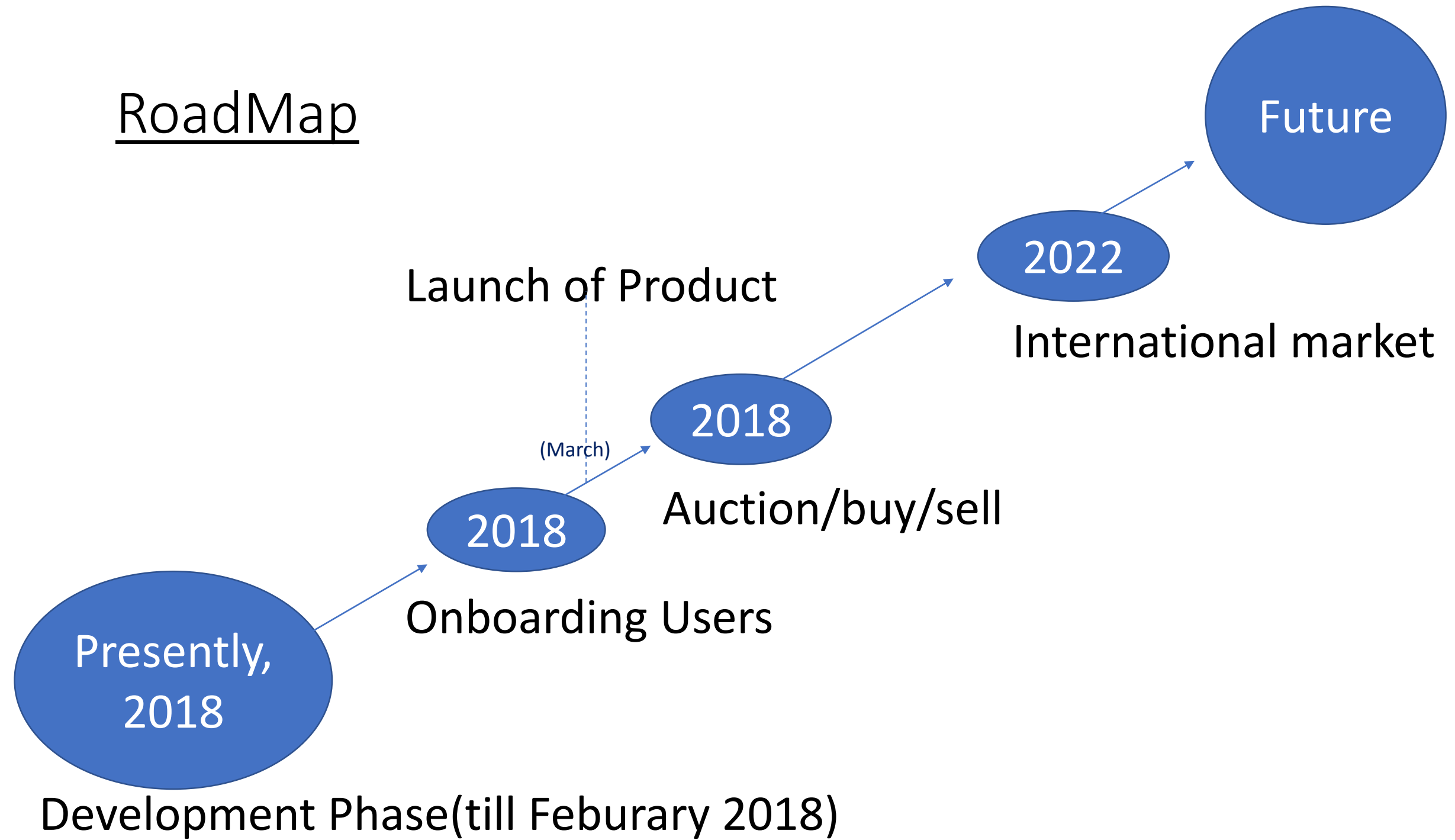
How Blockchain **Solves** It ?

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.

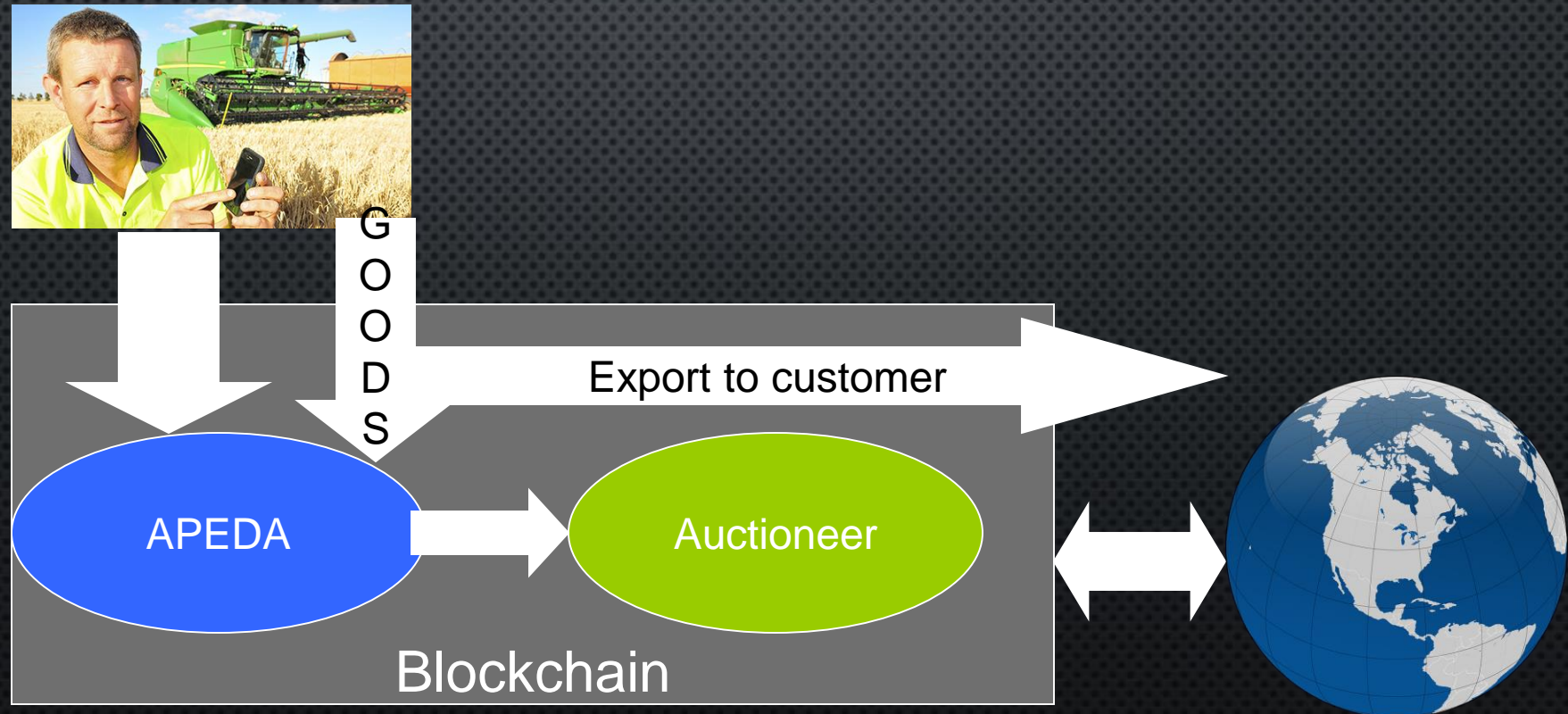
Revenue Model

- 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

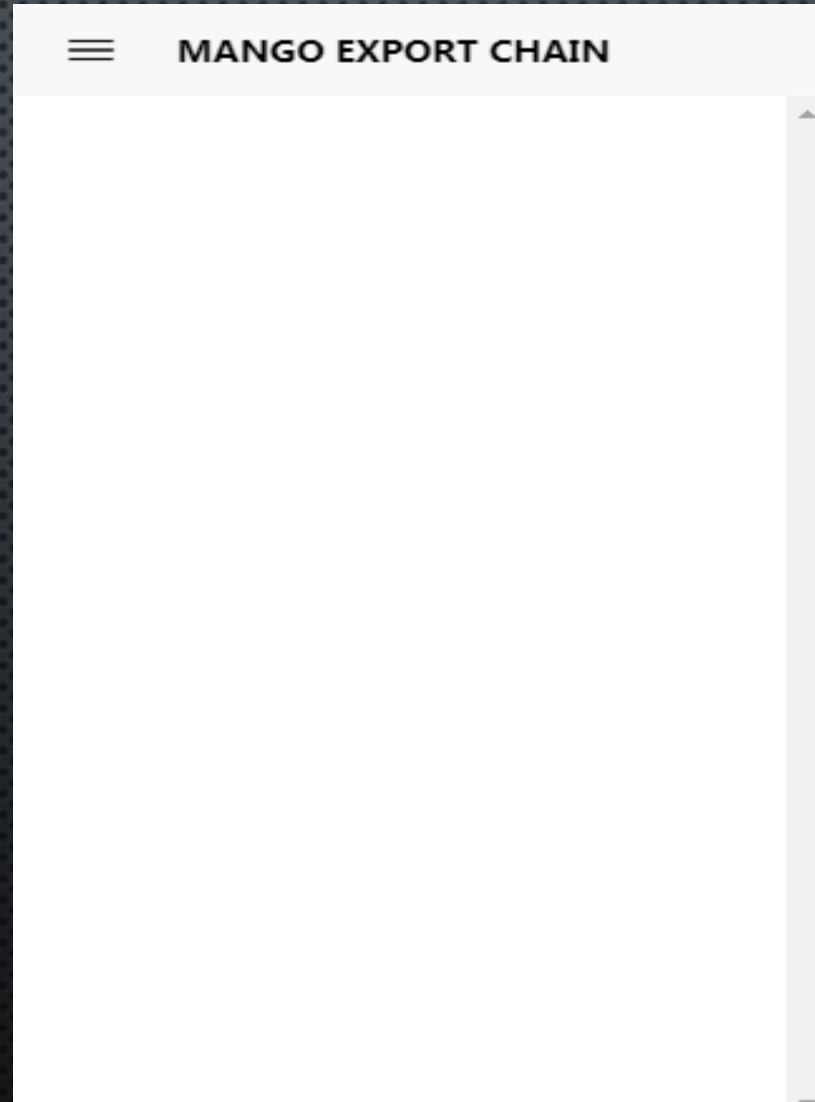
SIGNUP

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"/>
<input type="button" value="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	

Transaction 4a074c6bab...49a2

Hash	4a074c6bab815573cd18e7c1e52ce5bb19cec6ac46e78e8f57fe01e2afc949a2
Appeared in	MultiChain couponchain, Block 602 (2018-01-21 10:38:05)
Number of inputs	1 – jump to inputs
Number of outputs	3 – jump to outputs
Size	283 bytes

Bitcoin JSON

MultiChain JSON

MultiChain Hex

Inputs

Index	Previous output	Native	From address	ScriptSig
0	9c6be74f05...2	0	1PuAGAudofQAC4hrE2vWf1QwVBIFXCdZWKzV5r	72:3045...0801 33:033f...d8f7

Outputs

Index	Redeemed at input	Native	To address	ScriptPubKey						
0	Not yet redeemed	0	1YuMTUESchZYPkba44nEknCjeATRFir58qGTmi	DUP HASH160 20:ec0b...35ad EQUALVERIFY CHECKSIG 12:7370...0000 DROP <div>Issue 50 raw units of new asset</div>						
1	Not yet redeemed	0	None	31:7370...0101 DROP RETURN <div>New Issuance Metadata:<table><tr><td>Asset name</td><td>Raspurimango</td></tr><tr><td>Open to follow-on issuance</td><td>True</td></tr><tr><td>Quantity multiple</td><td>10</td></tr></table></div>	Asset name	Raspurimango	Open to follow-on issuance	True	Quantity multiple	10
Asset name	Raspurimango									
Open to follow-on issuance	True									
Quantity multiple	10									
2	Not yet redeemed	0	1PuAGAudofQAC4hrE2vWf1QwVBIFXCdZWKzV5r	DUP HASH160 20:a96e...67c2 EQUALVERIFY CHECKSIG						

MultiChain Explorer

Search by address, block number or hash, transaction or chain name:

4a074c6bab815573cd18e7c1e52ce5bb19cec6ac46e78e8f57fe01e2afc949a2

Search

Address or hash search requires at least the first 6 characters.

Status	Chain	Blocks	Transactions	Assets	Addresses	Streams	Peers	Started	Age (days)
Connected	MultiChain couponchain	601	662	16	12	2	0	2017-05-25	240.6

Latest Transactions

Txid	Type	Confirmation	Time
ea5686560cbf5cd7aea80743caf12d7e91ea58d21ccff641bf8e9e1088689e4	Asset	11 confirmations	< 10 minutes
4a074c6bab815573cd18e7c1e52ce5bb19cec6ac46e78e8f57fe01e2afc949a2	Asset	20 confirmations	< 11 minutes
ccc43621d0aa49fd8b8b39af1395a99b126e587af14790db5df0c90c9a579545	Asset	31 confirmations	< 3 hours
2182f5447139c7088cf1508ead374f20163ed317cda18a044dacbb68250a6fe4	Asset	42 confirmations	< 4 hours
94fd12e6d61b64cb27adcfd9732194b5cacd7f945c3eeb63e0f62c1f528e374e	Asset	53 confirmations	< 5 hours
7725d0b6fcc43182372459c36867415ca88a07c507650adf72e971011ad0687e	Asset	64 confirmations	< 7 hours
aa10d862eb6b737b57abfddc6895508c3dd8f4fcad4ff4e1e43927f7235bf2c7	Asset	75 confirmations	< 9 hours
54dc90d6e219d76891907ca76bb82671be76f37ce39f2bede90bbe4cb0124169	Asset	86 confirmations	< 9 hours
35b103eed6702bbd38098e749de3287ab1bcd8a9ac10d5f0f63c7adbd8099776	Asset	97 confirmations	< 9 hours
9c6be74f050116baf717c84effcdeefcf84874f17fb95384a9f606b8bcbcd8de1	Asset	108 confirmations	< 9 hours

Powered by MultiChain Explorer

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