

# Intelligent Agro-Waste Management

for Efficient Energy Generation



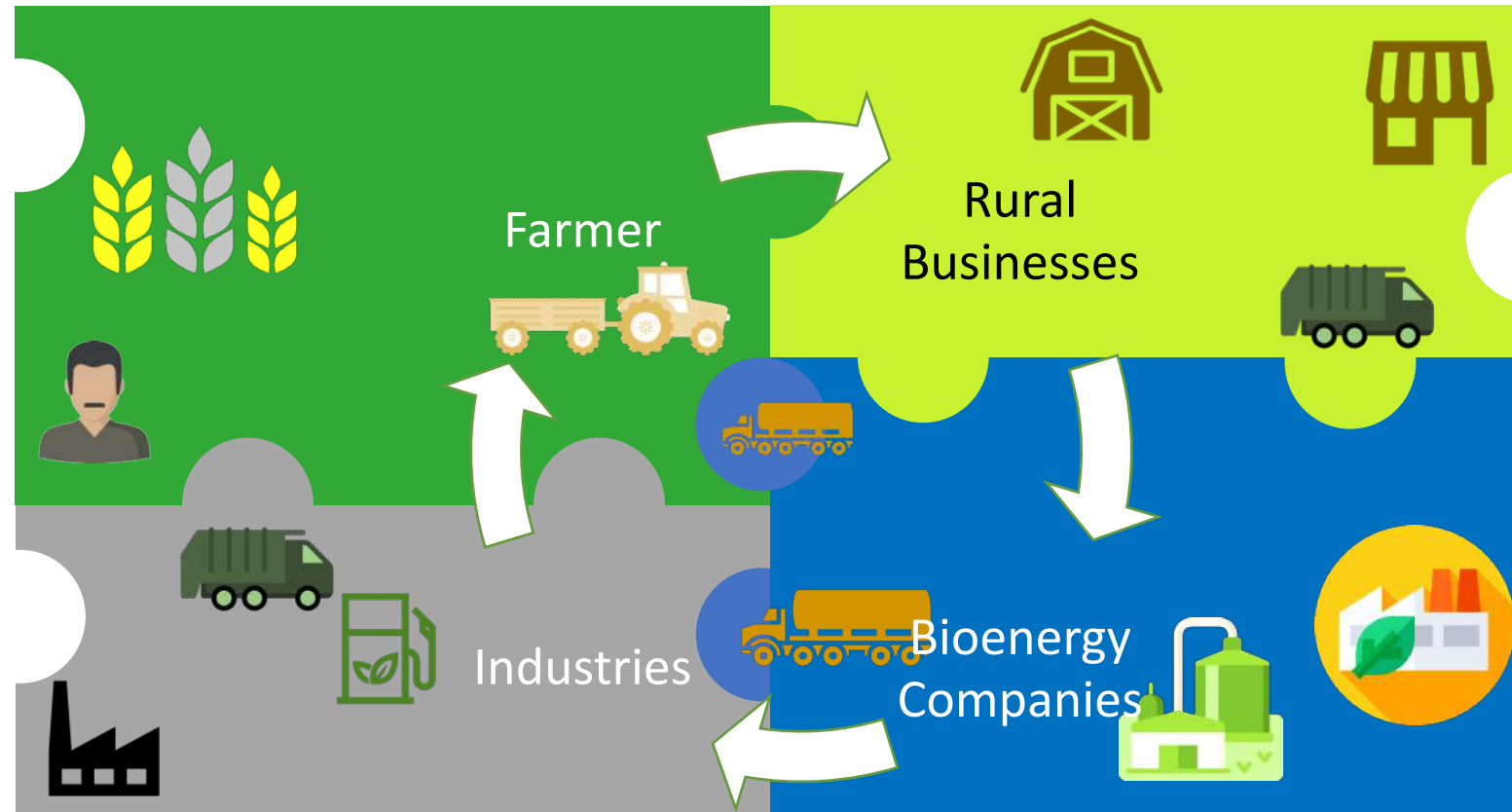
**BiofuelCircle**

+91 98230 98877  
suhasbaxi@biofuelcircle.com

**Suhas Baxi**

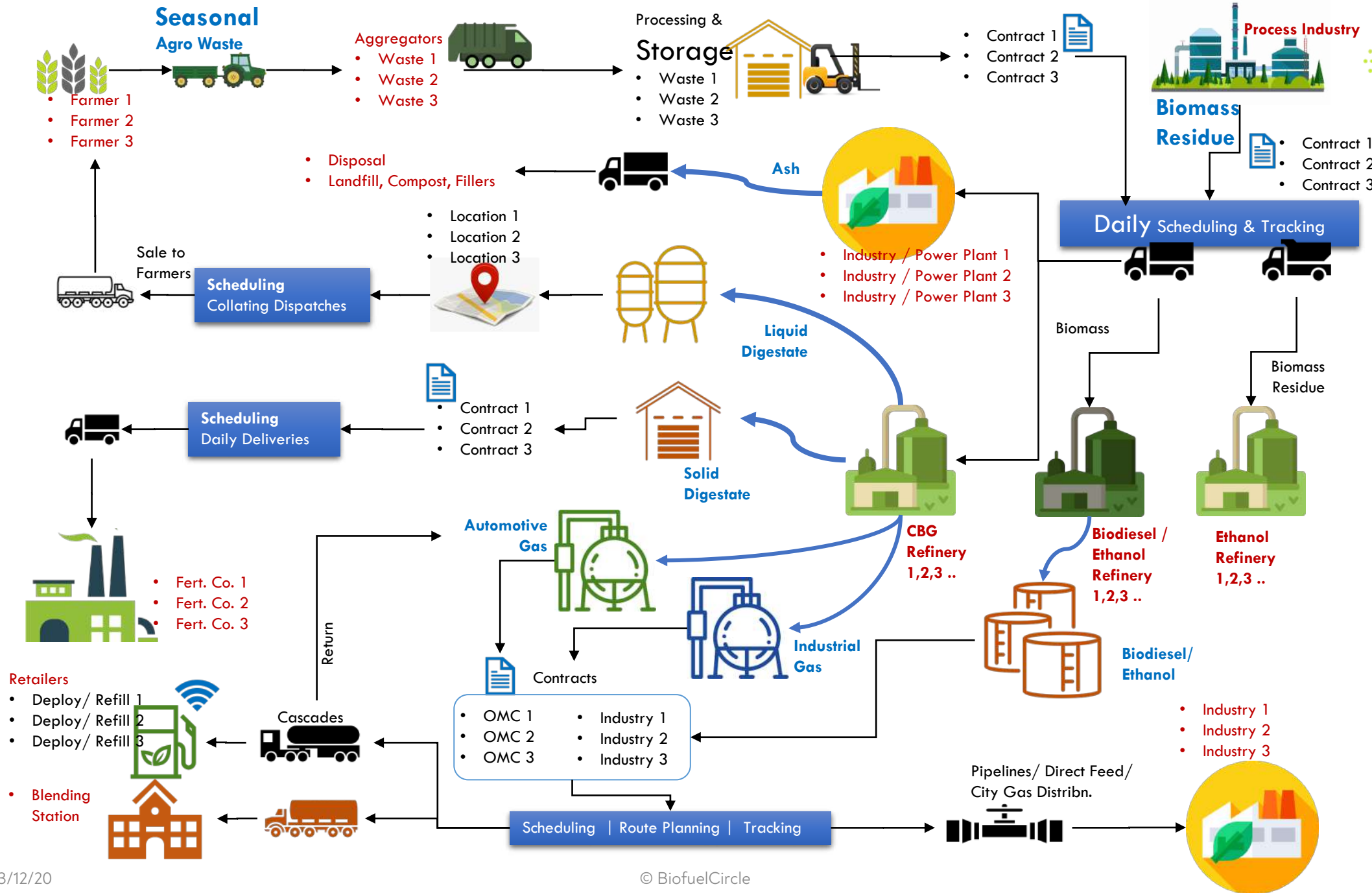
Co-Founder

# Agri-Residue based Energy



A Circular Economy Connecting Rural and Industrial Participants

# Complex Supply-Chain



10 Distinct Businesses transact with each other

# Underdeveloped Supply Chain



## Reach

Market Reach  
for Industries

Logistics Reach  
in Rural areas  
are a bottleneck



## Seasonality

Seasonal  
availability

Investment in  
storage

Unreliable Supplies



## Price

Insufficient  
incentive for  
farmers

limited supplier  
optionality for  
industry



## Scale

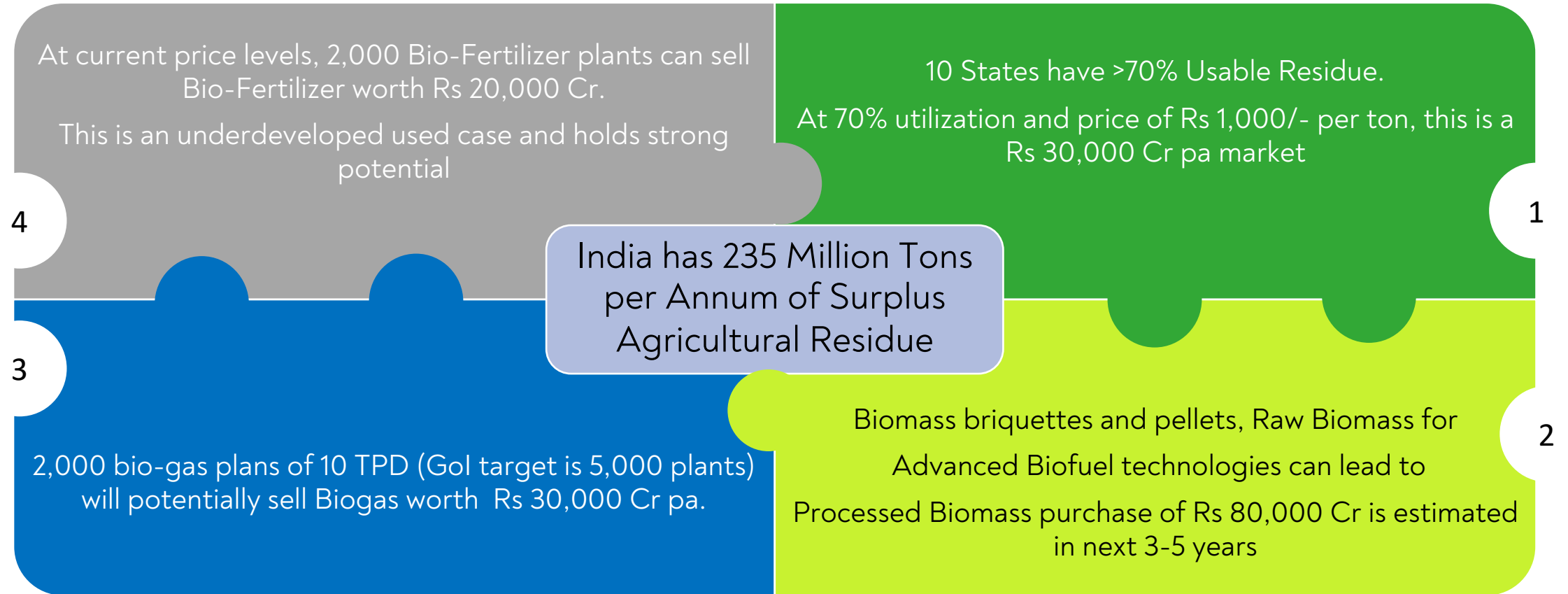
Underdeveloped  
supply chain,

Small  
unorganized  
players

Scaling up  
Challenge

Reliable and Cost-effective Supply Chain is the missing link

# The Opportunity



Agri Residue driven Bioenergy is potentially 17% of India's energy need

# Digital Transformation

## Digitization

- Conversion of analog to digital.
- (e.g., work automation, paper minimization)
- Target **cost reductions**.

## Digitalization

- Use digital technologies and digitized data
- Impact how work gets done
- **Transform how customers and companies engage and interact**
- Create new (digital) revenue streams.

## Digital transformation

- Address organizational and cultural aspects to **adapt and leverage the digital technology.**

# Impact Areas

etrics & Benchmarking (K)



## Awareness and Visibility

- Drive a long term behavioural change v/v biomass sector in rural areas



ral Entrepreneurshi



## Rural Infrastructure

- Create an ecosystem for small entrepreneurs to thrive in Biomass supply chain

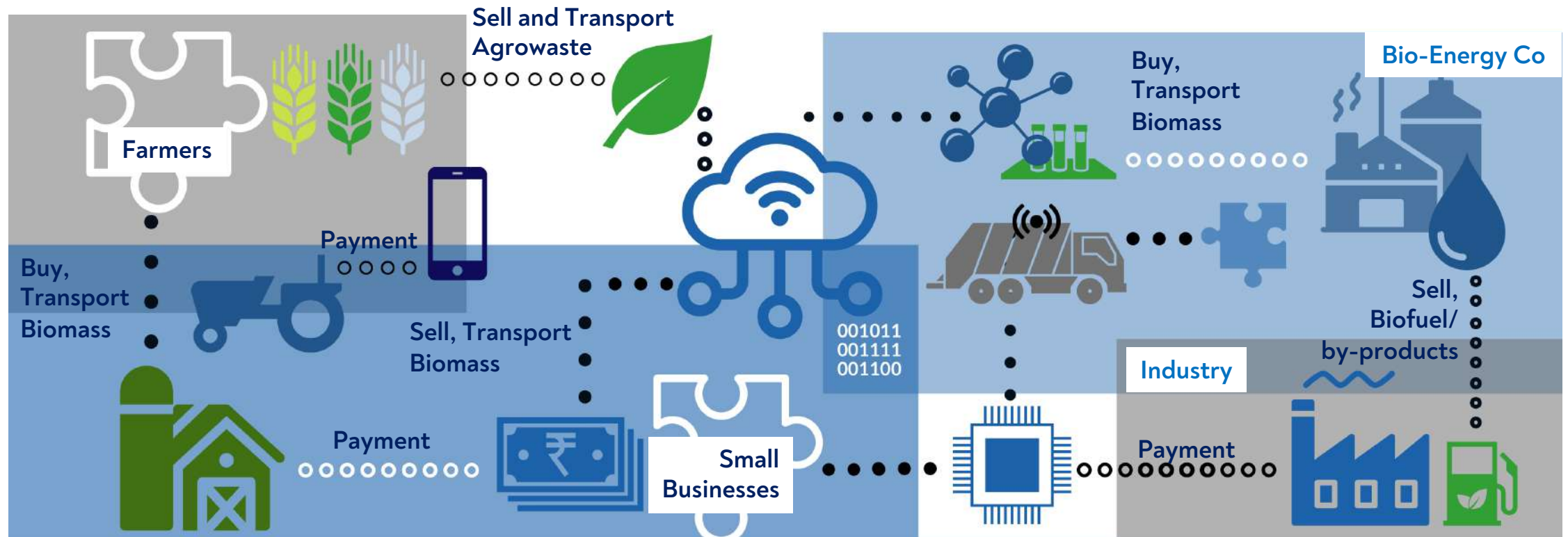


## Supply Chain Platform

- Create an enabling environment for Briquette Power, 2-G Ethanol and CBG plants being set up

Help change behavior through a digital ecosystem

# BiofuelCircle



E-Marketplace to Discover, Buy, Sell, Transport, Settle, Finance



# Strong Ecosystem



Bioenergy  
Advisory



New Business  
Opportunity



Lower Transport  
Cost



Price Discovery  
Digital Payments



Ease of Logistics  
Storage Efficiency



Supply Chain  
Financing



Greater Reach for  
Green Energy



Local Jobs



Rural Economy



Scale for Green  
Energy



Energy Security

Economic Value, Ease and Growth

# Intelligent Agro-Waste Management

for Efficient Energy Generation



**BiofuelCircle**

+91 98230 98877  
suhasbaxi@biofuelcircle.com

**Suhas Baxi**

Co-Founder