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## Motivation / Background

Food Traceability is demanded by customers and industry, and mandated by Governments; but it is plagued by challenges:

- Food Supply Chain Complexity and Food Waste
- Unharmonized global regulations
- Foodborne illnesses, Food Fraud, Food Recalls
- High cost of whole-chain traceability
- Shifting consumer preferences
- Non-Collaborative Trustless Inter-firm relationships



## Key Question / Hypothesis

1. How do the emerging technologies of Blockchain and IoT solve for the main challenges in food traceability?
2. What learnings and practical insights from the existing Blockchain + IoT use cases, startups and applications contribute to making food traceability a reality?

## Whole Chain Food Traceability Using Blockchain and IoT

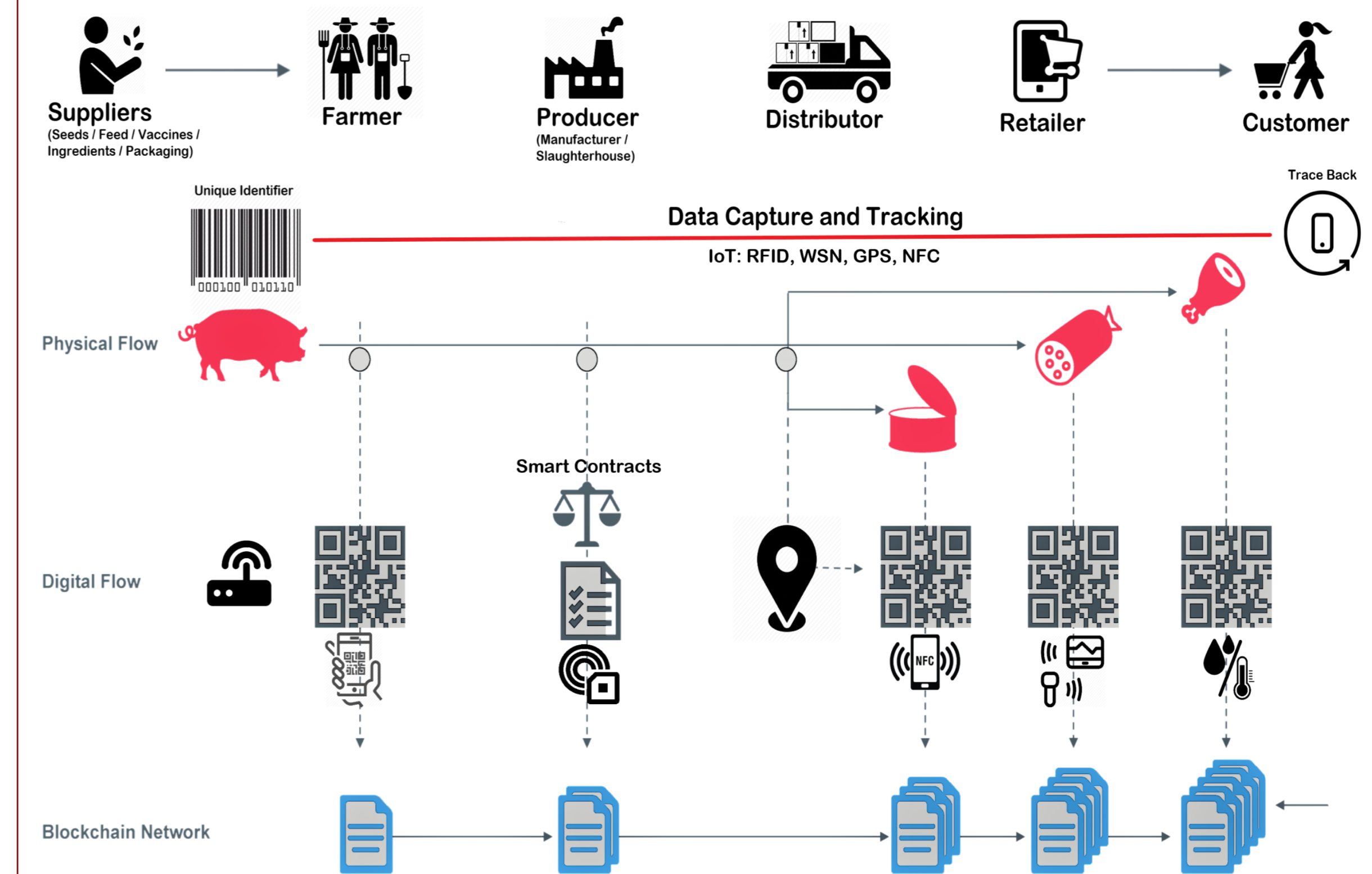


## Research Scope

Research focus includes pilots and startups in 1. Seafood 2. Poultry 3. Meat 4. Dairy 5. Egg & Egg Products 6. Agri / Produce, and 7. Manufactured Foods

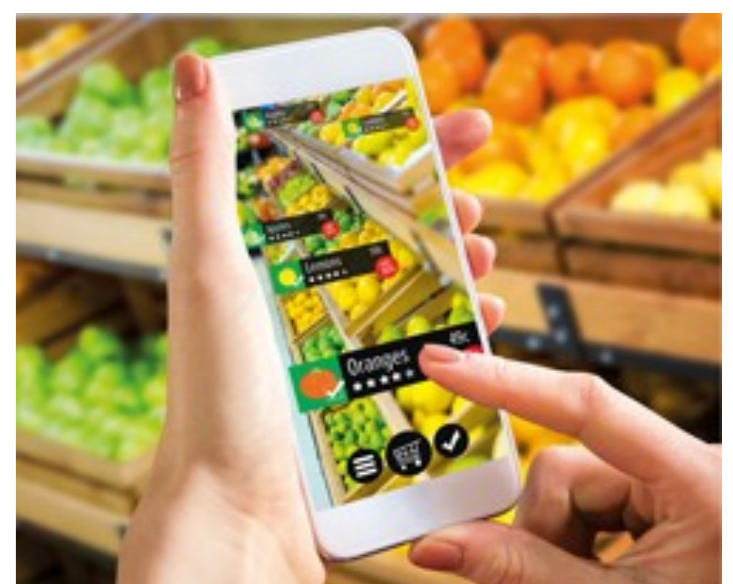
TE Food	Provenance	Arc-Net.io	Ambrosus
FoodLogiQ	SKUChain	Ripe.io	Devery
Circular	FishCoin	Bext360	VeChain
Clear Labs	PavoCoin	AgriDigital	ZetoChain
Filament	FarmShare	HarvestMark	OriginTrail
OriginTrail	TaniBox	Lokaal Market	

## Initial Results



## Expected Contribution

- Research of current food traceability implementations using Collective Case Study & Content Analysis methodologies.
- Analysis of key learnings, practical insights, business processes, failure points, and critical success factors of food traceability.
- Impact of Blockchain + IoT convergence on addressing the challenges of food traceability.



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