

Empowering people to make confident choices about the food they eat, grow and sell.

## Ice Cream Technology Conference

Ami Patel, Dir. of Product



#### **Company Overview**

#### Mission:

 Build long-lasting trust and confidence in our food supply chain through an accessible platform for transparent and reliable information on the origin, journey and quality of ingredients

#### **Supporters:**

- Seed funded by Maersk Ventures and Relish Works (GFS)
- Named by Forbes as one of the "25 Most Innovative AgTech Startups"
- Ag Funder Most Innovative Supply Chain Startup ( Pre-series A 2018)
- Graduate of Terra Accelerator (Rabobank + Rocketspace), Sprint Accelerator and Spark LabsCultiV8 Accelerator (Australia)

#### People:

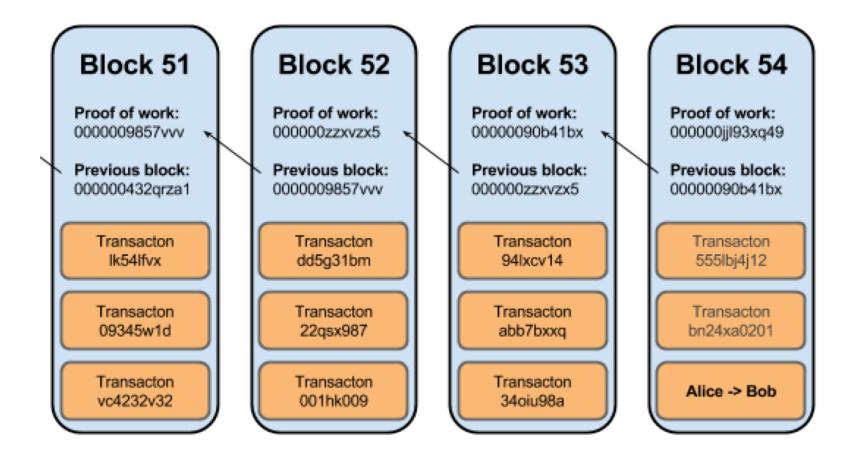
 We are a team of supply chain engineers, food scientists, blockchain developers, technology executives, farmers, sustainability specialists and entrepreneurs united by a compassion for transparency and truth in our food system



#### Blockchain 101

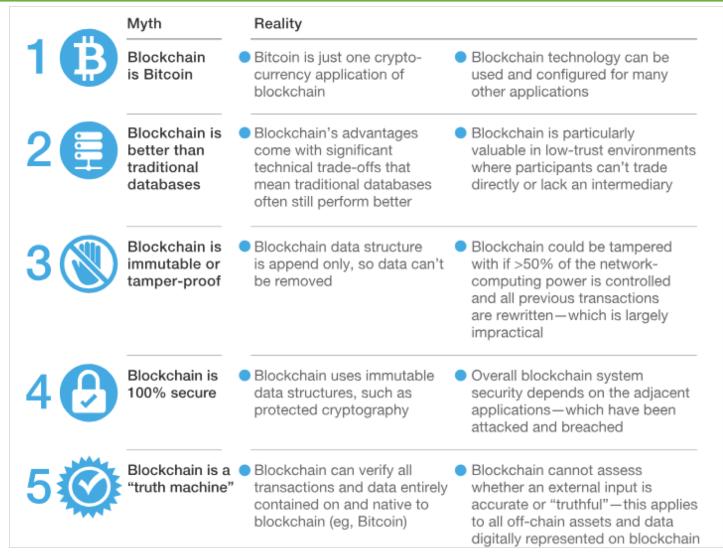


#### Blockchain 101





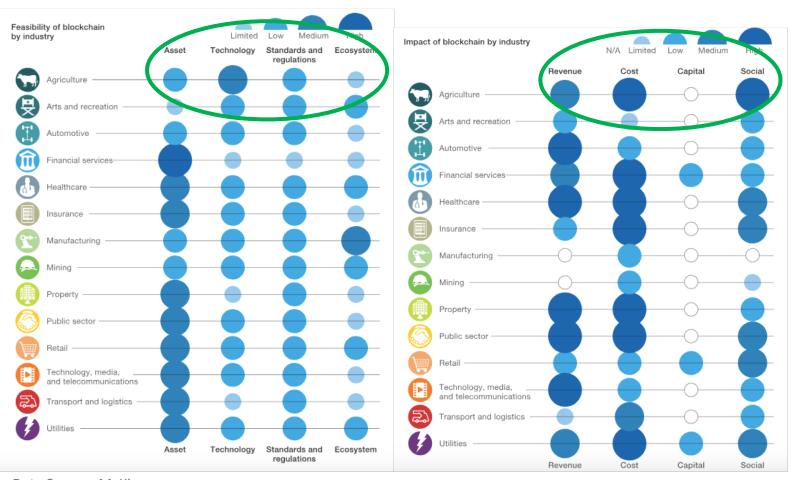
#### Blockchain 101





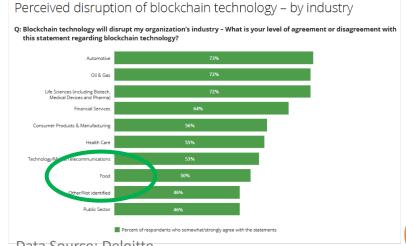
## Blockchain Applicability

#### Industry Disruption for Multiple Verticals



Data Source: McKinsey





Data Source: Deloitte

#### **Emerging Food Use Cases in Blockchain**

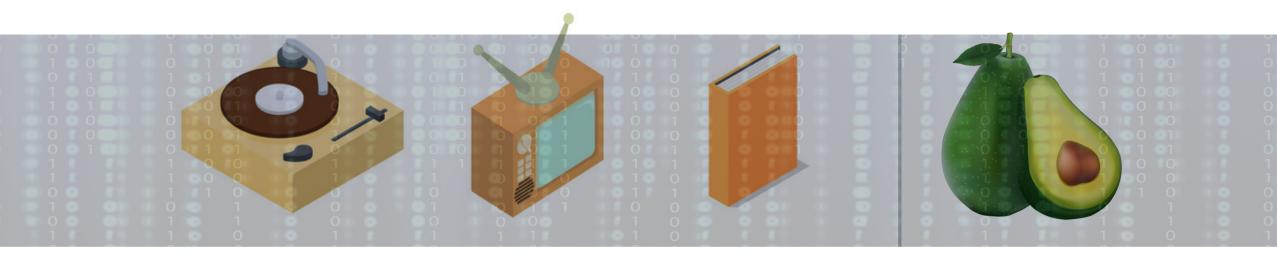
- Data Sharing + Supply Chain Intelligence
- Sustainability
- Food Quality
- Food Safety
- Traceability
- Commodity Management
- Marketplaces
- Payments
- IOT and Live Conditions Monitoring
- Authenticity
- Certifications and Audit
- Personalization of Food
- Intelligent Data Driven enhancements to Sourcing Strategies



## Digitization of Food



#### Future of Food **Enabling Personalization through Digitization**















ripe.io Platform



#### Supply Chains Come in all Shapes & Sizes

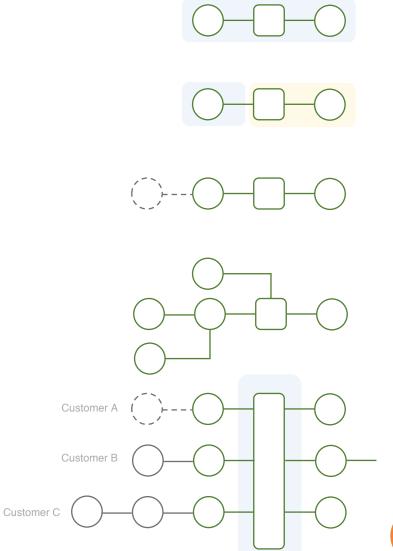
- Simple Supply Chain + Vertically Integrated
- Small number of stakeholders
- Single owner
- 2 Simple Supply Chain + Non-vertically Integrated
- Small number of stakeholders
- Multiple owners
- 3 Item-Specific Supply Chain
- Different origin points and/or stakeholders depending on product
- 4 Complex Supply Chain
- Longer chains
- More stakeholders

Pre-Existing,

Networked

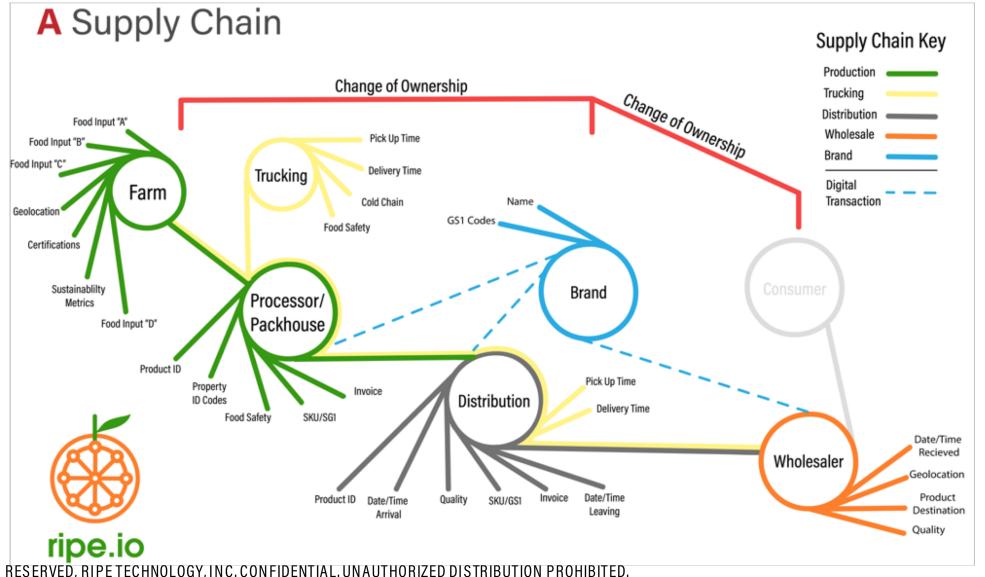
Stakeholder

 The same stakeholder crosses multiple value chains for different customers



#### Mapping Out the Food Journey

Digitizing begins with identifying the physical supply chain gaps

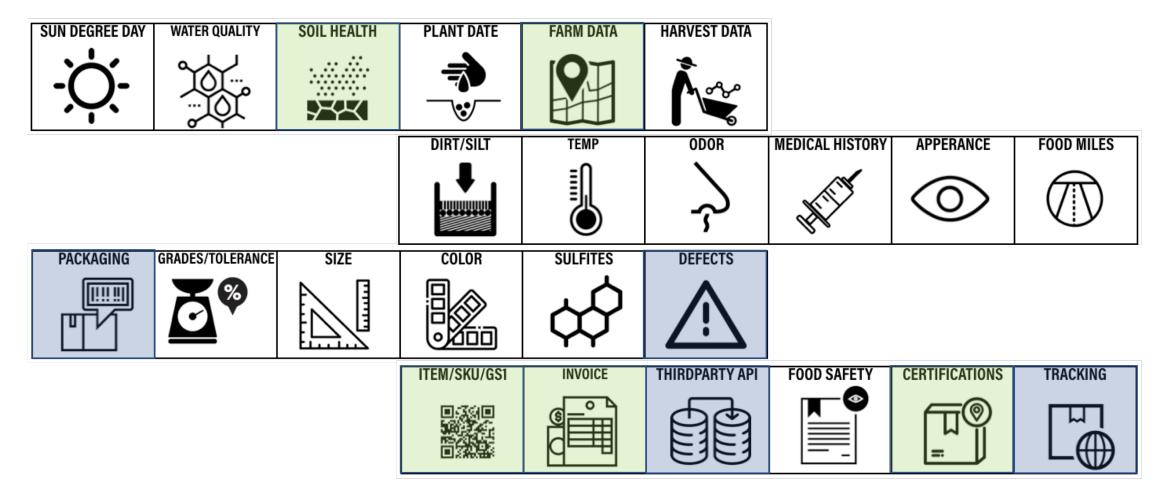




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#### **Food Bundle**

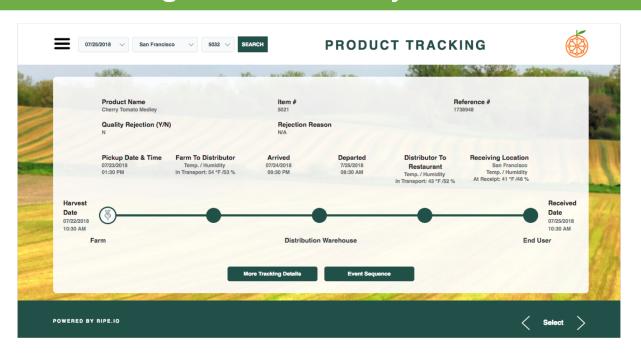
#### Translating the supply chain into a digital food journey

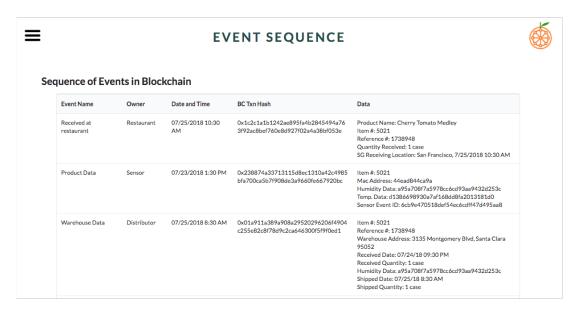


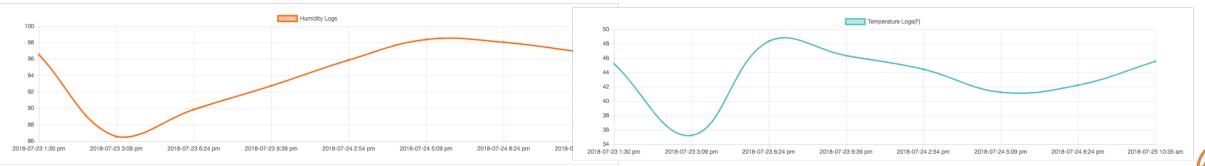


#### ripe.io Dashboard

#### Visualizing the Food Journey for an Efficient Business Models

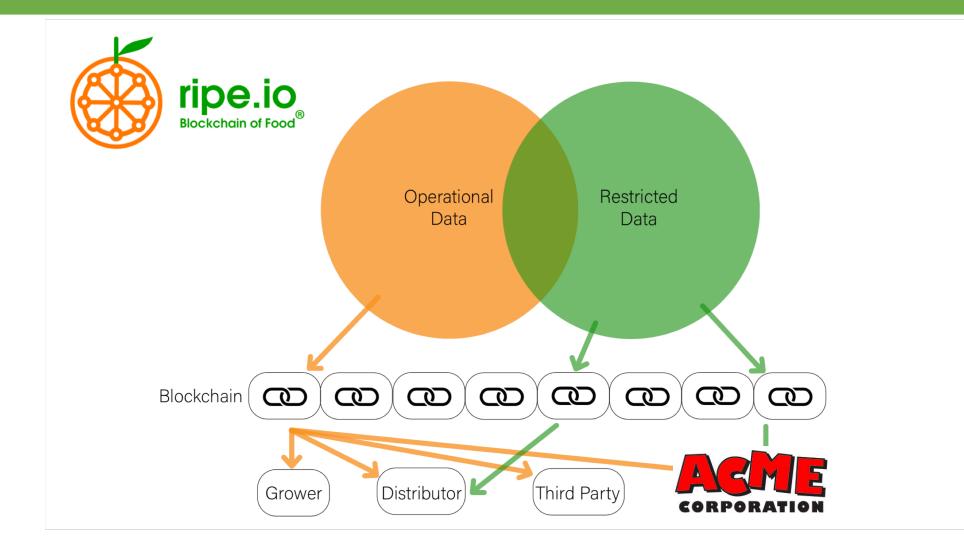






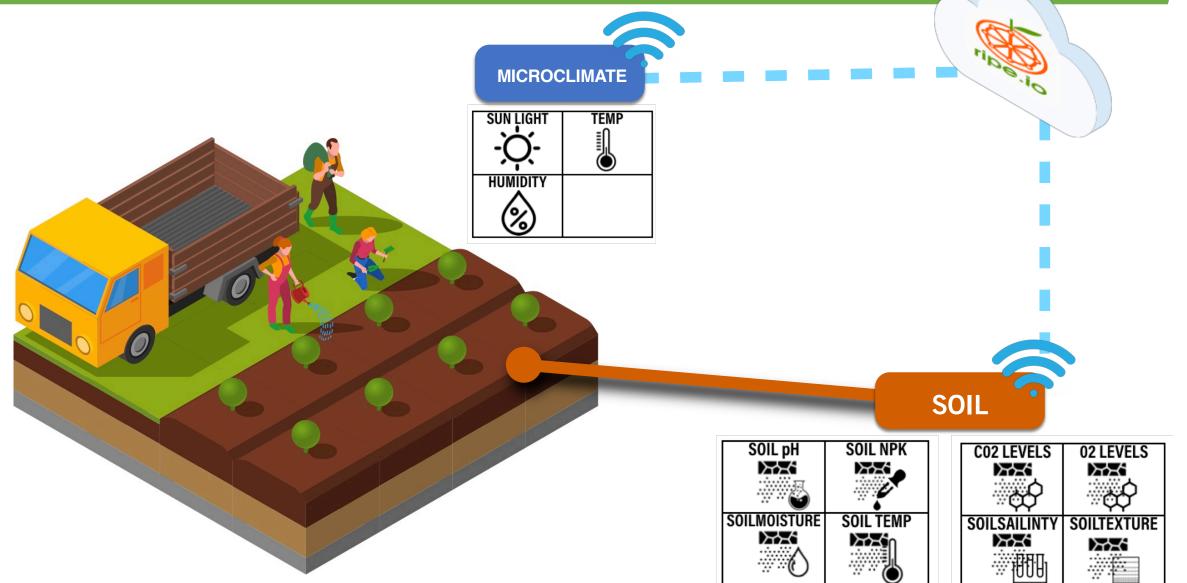


## **Data Sharing and Security**



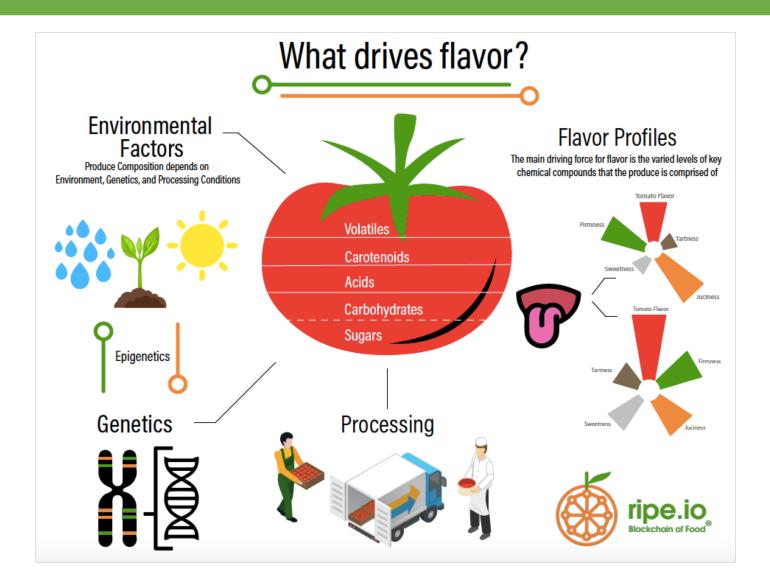


## Integrating with Sensor and IoT Innovators





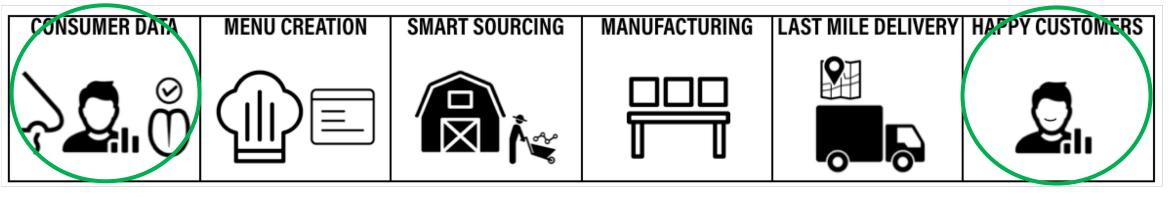
## Flavor Profiling

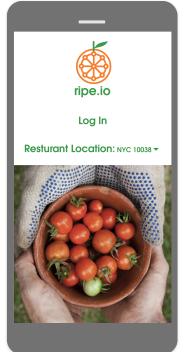




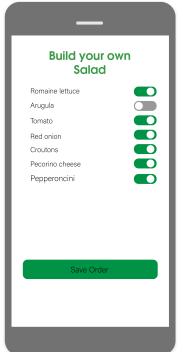
#### Digitizing taste and preference profiles

Addressing the growing demands of personalization and transparency

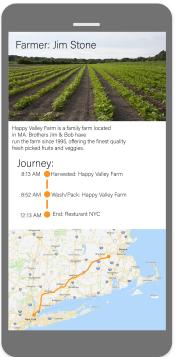












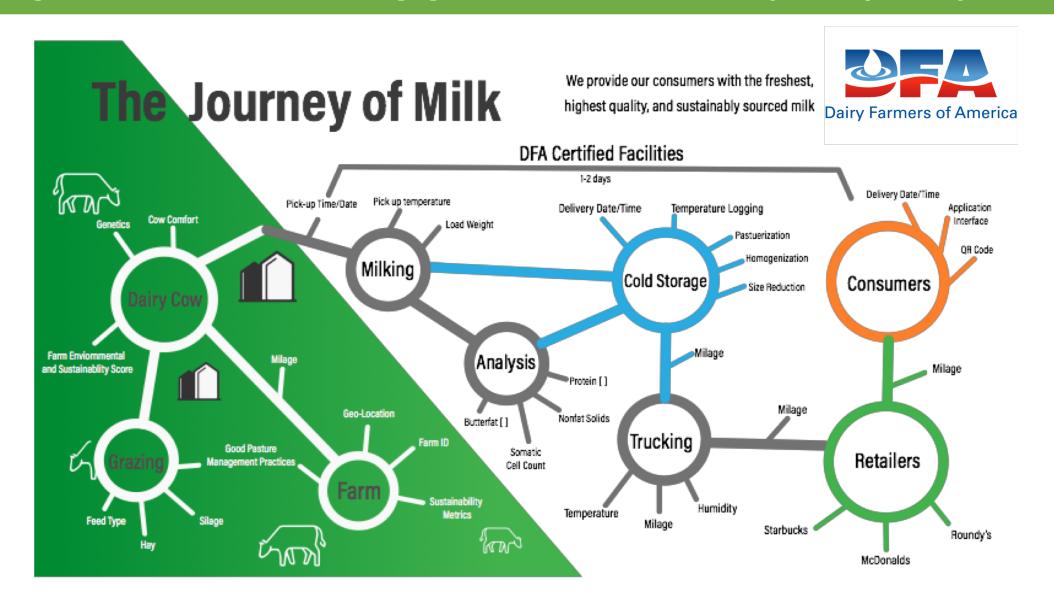


Client Solution: Dairy Farmers of America



#### **Dairy Farmers of America**

Growing demand of consumer engagement and sustainability transparency





#### **Allows Connection with the Consumer**





The milk used in your beverage came from a farm that participates in DFA's Gold Standard Dairy Program. This program ensures dairy production is done the right way:

- Nutrition
- Animal care and wellness
- · Environmental stewardship
- · Employee safety and training
- · Milk safety and quality
- · And much more

Learn More



#### **Farmer Bill**

Located in Cedarburg, Wisconsin, Farmer Bill and his family farm produced the milk used in your beverage today, but he does so much more than that. He's your neighbor, community leader and your local agricultural supporter. With 300 cows on their farm, Farmer Bill supplies first-rate milk to premium brands.

When you purchase a product that uses the dairy from his farm, you're not only supporting Farmer Bill, but his family who provides dairy for local and global communities. Farmer Bill is dedicated to supplying you with safe, nutritious dairy products that can immediately enhance your eating experience.





# Brand Integrity & Supply Chain Innovation



## **Decreasing Food Waste**

**Consumer Demand for Sustainable Companies** 







#### **Driving Brand Integrity**

#### Providing Transparent Information for Consumer Trust and Confidence



**FAKE PARTS** 

**ADULTERATION** 





COUNTERFEIT

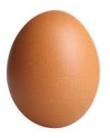
**ADULTERATION** 





**COUNTERFEIT** 

**FORGERY** 







## Thank You



