

Digital Agribusiness

Striving for Sustainable Supply Chains with
Farm to Consumer Traceability

FRESH

Novel
Oranges

Product of
U.S.A.

\$1.59 lb



Only **44%**
of consumers
globally trust
industrially
prepared food

Source: Nielsen

State of CP industry, enabling the Intelligent Enterprise

Food Safety & Transparency

Facts and figures

An estimated **600 million** – almost **1 in 10 people** in the world – fall ill after eating contaminated food and **420 000** die every year.

Safe food is critical, not only to better health and food security, but also for **livelihoods, economic development, trade** and the international reputation of every country.



One-third of food produced for human consumption is lost or wasted globally, which amounts to about 1.3 billion tonnes per year.



According to Nielsen's 2017 report into transparency, only 44 per cent of consumers trust industrially prepared foods. All of these diverse factors have combined to fuel consumer appetite for transparency

While 66 percent of global consumers are willing to pay more for sustainable goods, a full **73 percent of Millennials** are (Nielsen defines Millennials as those born from 1977 to 1995).

‘The need for transparency is driving dramatic shifts in the food retail industry that impact how business as usual is done for both brands and retailers.’

Colour coded Nutri-score becomes France's official nutrition label



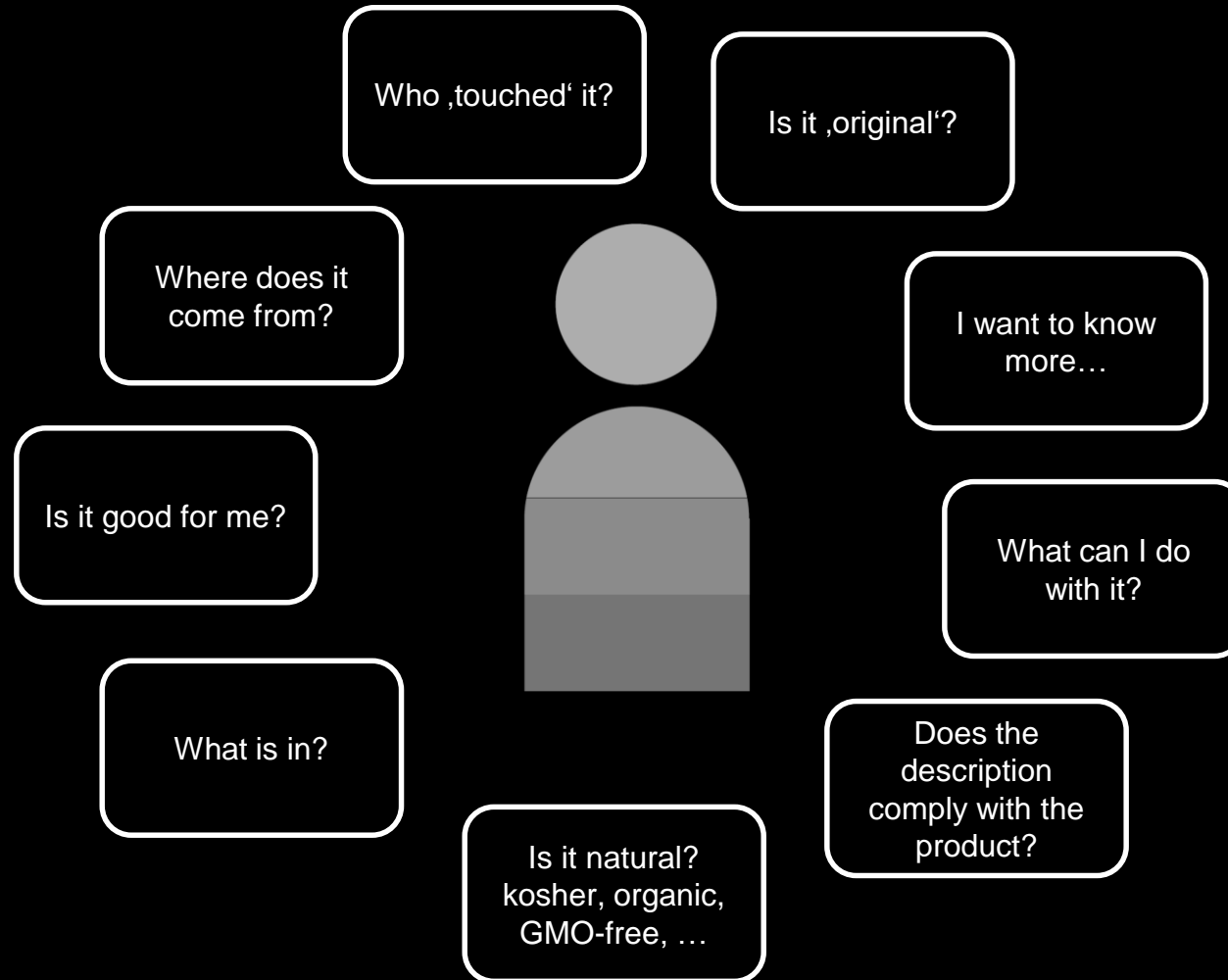
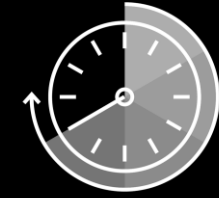
Große Mehrheit der Verbraucherinnen und Verbraucher will Nutri-Score-Ampel

NACHRICHT | 14.08.2019

Die Mehrheit der Deutschen spricht sich für eine Kennzeichnung von Lebensmitteln mit der Nährwertampel Nutri-Score aus – das ist das Ergebnis einer repräsentativen Forsa-Umfrage.

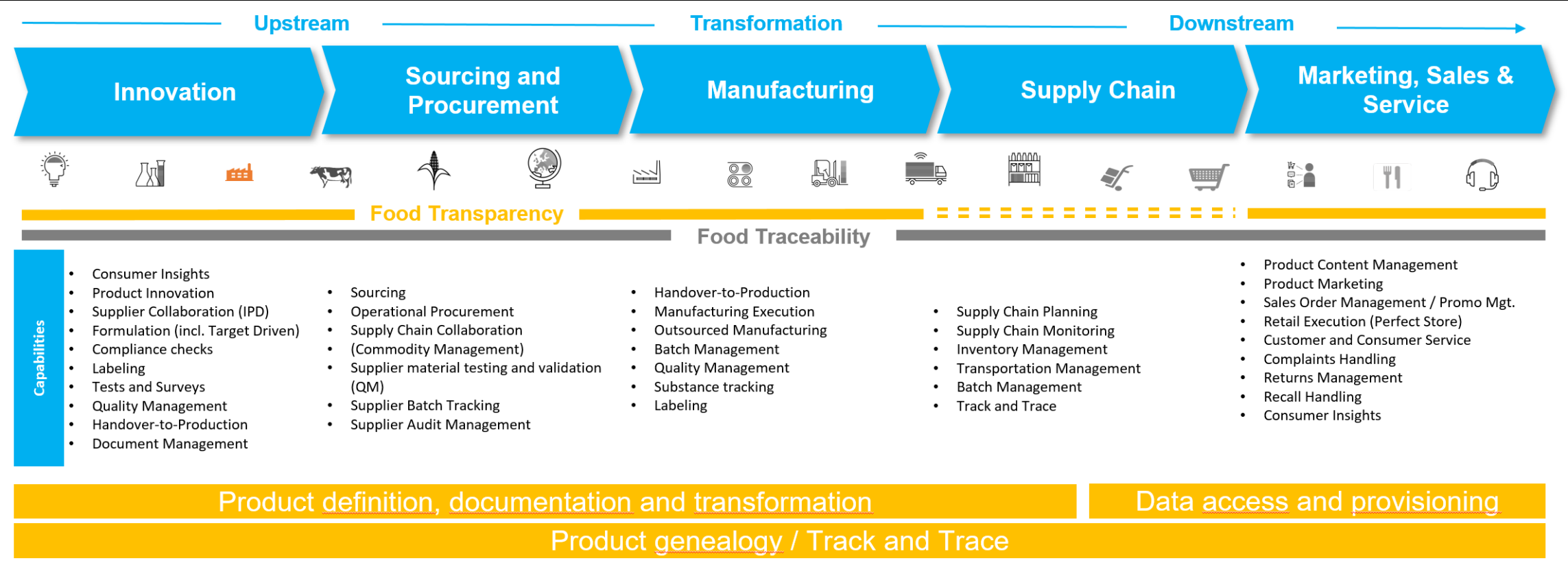
‘Today's consumers want to learn more about the food they eat, **but transparency does not mean more information**, Rather, consumers seek access to cues, clues, signals and unique opportunities to engage with brands.’

Consumers want to take back **control** and **request more information**



Sustainability requires a strategic approach

Data ownership is critical to assure highest responsiveness across all business functions



‘77% of the world’s transactions touch an SAP system’

Thomas Saueressig, SAP

Consumer augmented by blockchain

Improve transparency, visibility, sustainability, and efficiency by connecting the entire supply chain

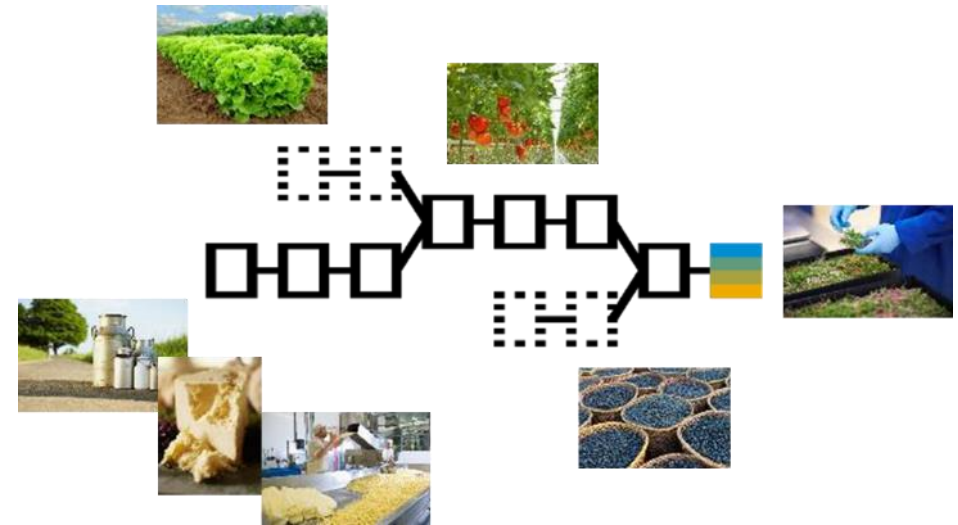
Building a farm to consumer cloud solution

- leveraging the SAP Cloud Platform Blockchain Service
- integrated with SAP's core supply chain solutions

Business goals:

- reduce food waste
- streamline recalls
- reduce amount of products to be recalled

SAP closely collaborates with leading food companies



Traceability of multi-ingredient food production across an n-tiered supply chain

From Ocean to Table with SAP Intelligent Technologies



- SAP and Bumble Bee continue to innovate and improve upon seafood traceability as more and more consumers demand to know their food is safe and sustainably sourced.
- Bumble Bee Foods is a member of the customer co-innovation group for farm to consumer augmented by Blockchain
- They were just selected for an SAP Innovation Award in the category of Social Hero for Sapphire 2019.

Quote

“Our blockchain project will transform the way we manage our social responsibility with the suppliers and fishing villages of Indonesia.

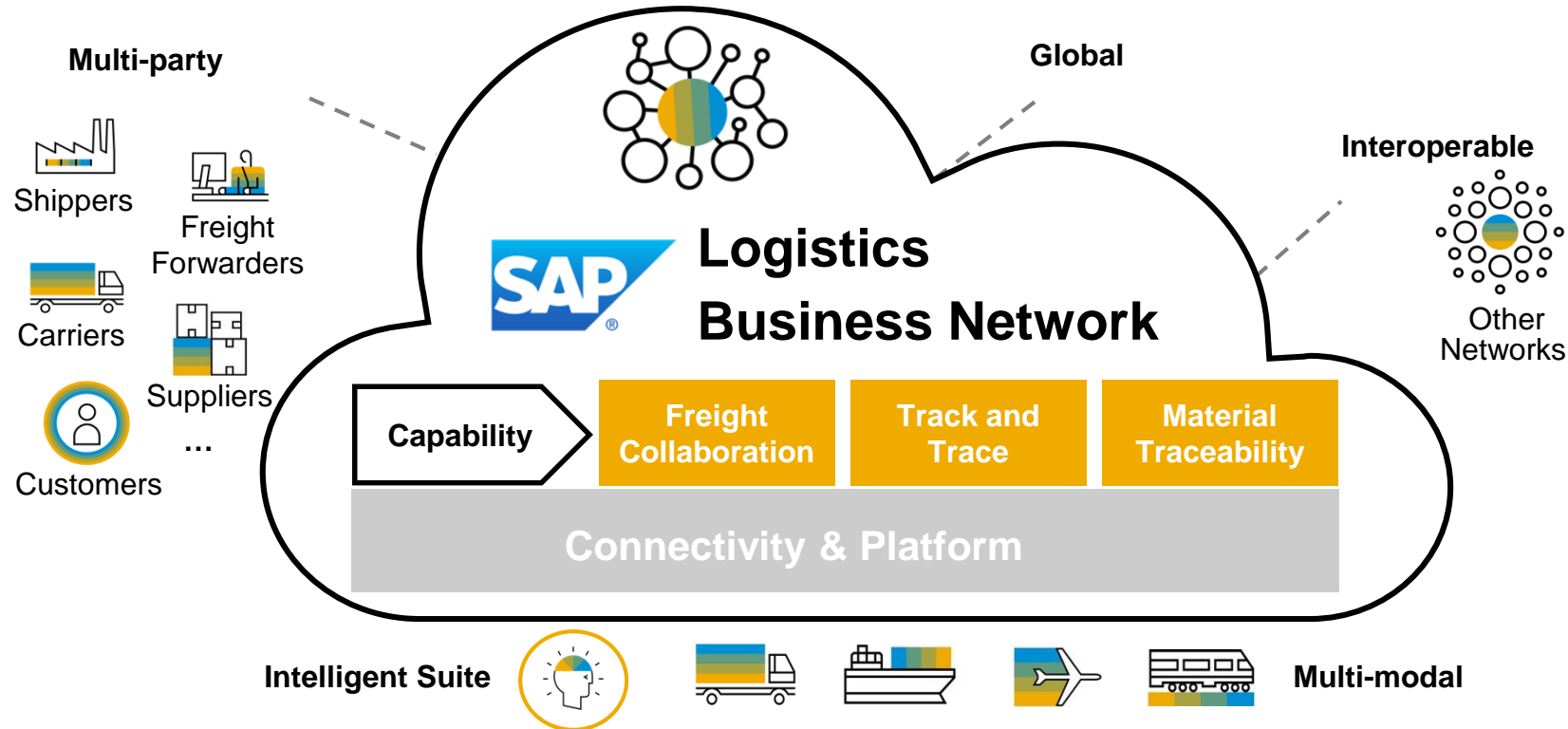
We share a united passion and commitment to the environment and sustainability with the Indonesian fisherman which will result in improved livelihood for them and their communities.”

*Tony Costa
SVP, CIO
Bumble Bee Foods*



SAP Logistics Business Network vision

Increased business speed through an always on, secure network



- **Onboard once** – collaborate with many, anywhere and anytime
- Allow different stakeholders to consume logistics **services** and share **insights**
- **Integrate** with SAP digital core by design



Robust, scalable cloud service with global coverage



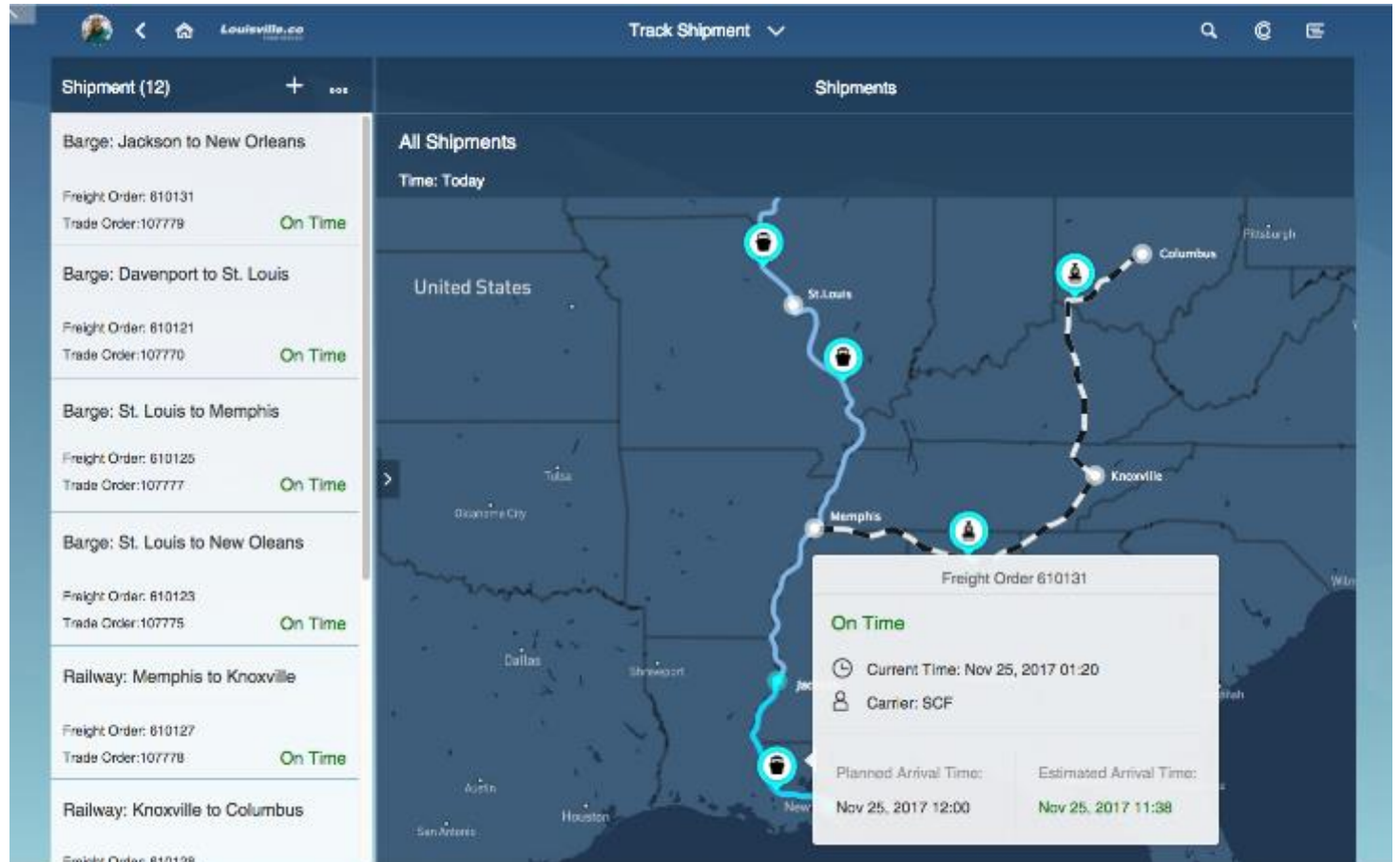
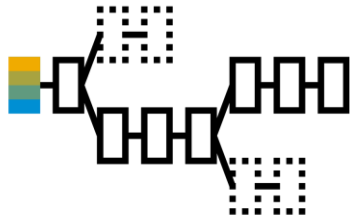
Connect multiple business partners for inter-company collaboration and transparency



Standardized services for logistics collaboration and insights

Grain trading scenario powered by blockchain

- Real-time transparency on barge transports in blockchain
- Natively update status from Digital Core
- Fully automate process steps in Bill of Lading
- Embed artificial intelligence to propose trading options



Reimagine work

Automated



Collaborative



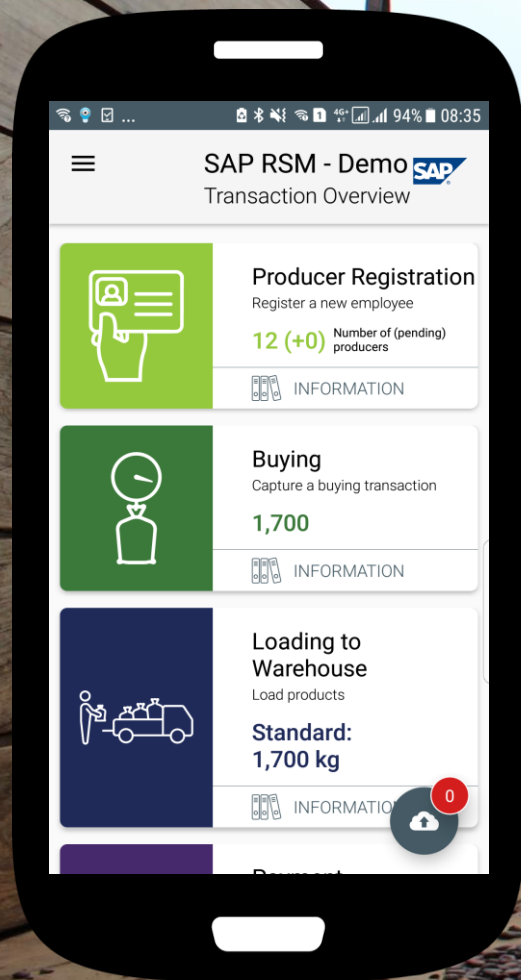
Fair and sustainable





SAP Rural Sourcing Management

Enabling the digital inclusion of smallholder farmers



- Innovative **mobile applications** for the digital inclusion of **smallholder producers**.
- High-volume transactions like **farmer registration**, **field mapping**, **input supply**, **grading**, **purchase**, **logistics** and **payments** are recorded and synchronized in the field in real time **via smartphone**.
- Further applications support **data analysis**, facilitate operational field support and ensure **traceability**.
- Digital track records serve as basis for **financial services** for smallholder producers.

SAP Rural Sourcing Management solution

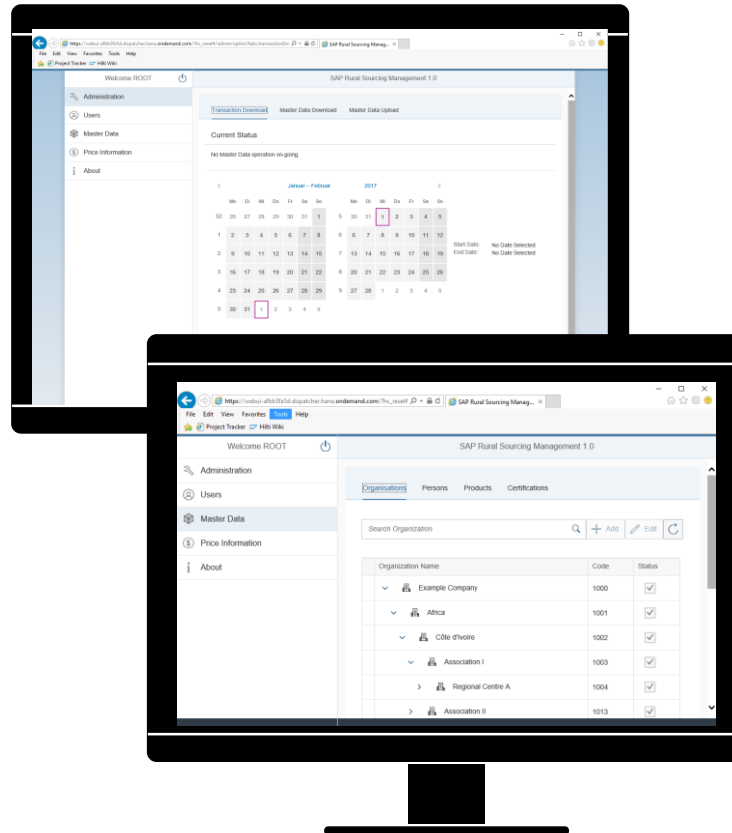
1

Smartphone App for Field Agents



2

Desktop Web Access for Central Operations



3

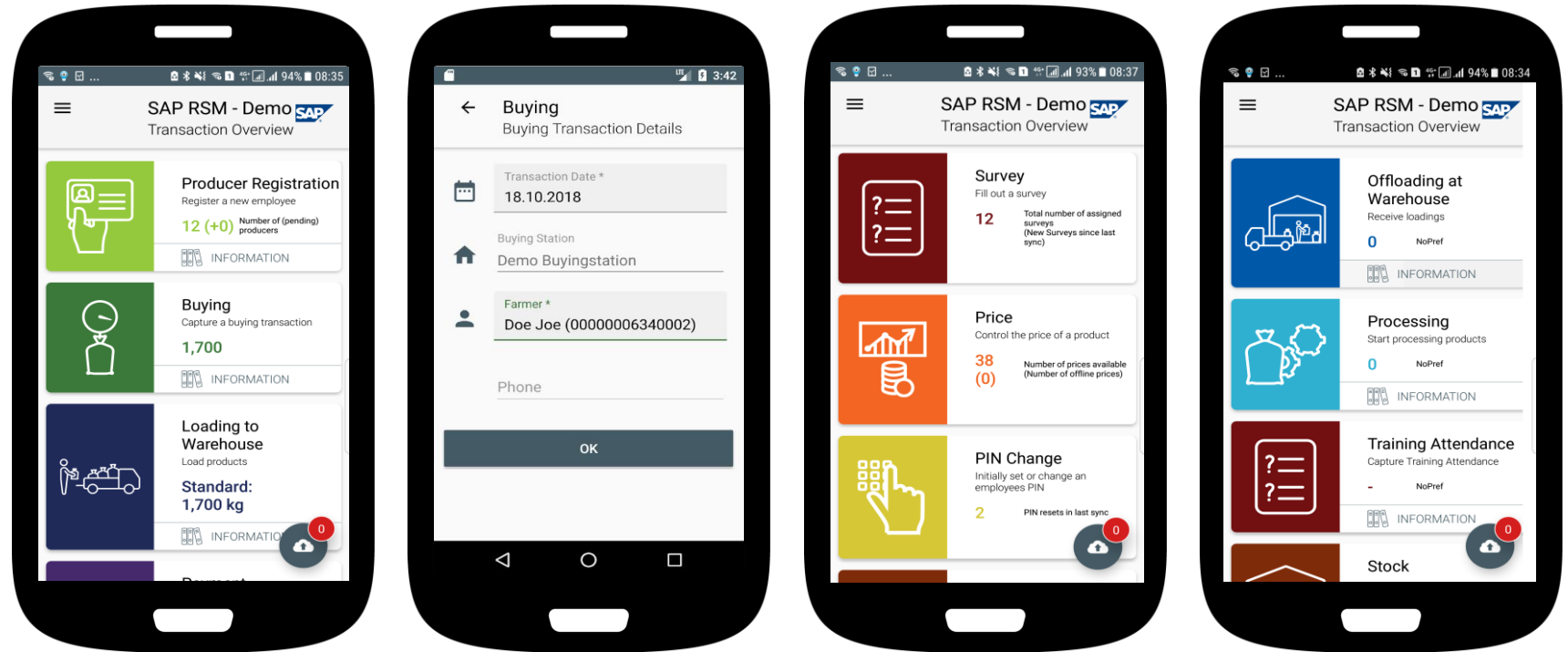
Mobile and Desktop for Management Analytics



1 Smart phone application for field agents

Use Cases and Functions

- Farmer registration and master data
- Farmer surveys
- Training attendance
- Price information
- Farmer purchasing
- Certification and traceability
- Advances and (m-)payment
- Transportation logistics
- Grading and quality indicators
- Input supply and distribution
- Delivery agreements
- Geographical field mapping
- And more



Features

100%

- electronic traceability from the earliest stage of individual farmer deliveries to the weighing bridge
- electronic data-capture with smart phones – no paper
- offline-enabled and bandwidth-optimized

Available since March 2020: SAP Rural Sourcing Management release 2.0

Updated state-of-the-art mobile **User Interface** and new **key features**:



Input supply and distribution capturing the provision of fertilizers and seeds to smallholder farmers



A **Delivery Agreement** proofing the handshake agreement between a buyer and a farmer on how much of a specific crop a farmer intends to deliver



Field Mapping adding geographical information to transactional data



Training attendance to monitor farmers' training activities and training effectiveness

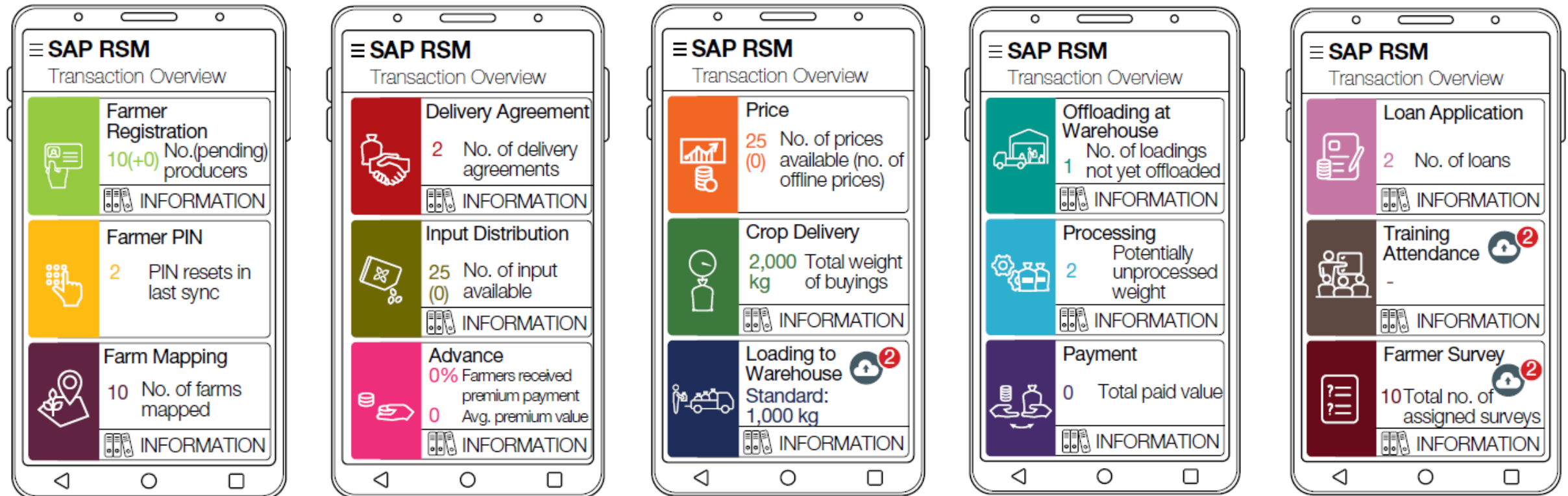


Farmer PIN protecting smallholder farmers' data and regulating feature access.



Recording **change of ownership** of smallholder fields (garden sales)

1 Overview of mobile functions



2 Desktop web access for central operations

Functions

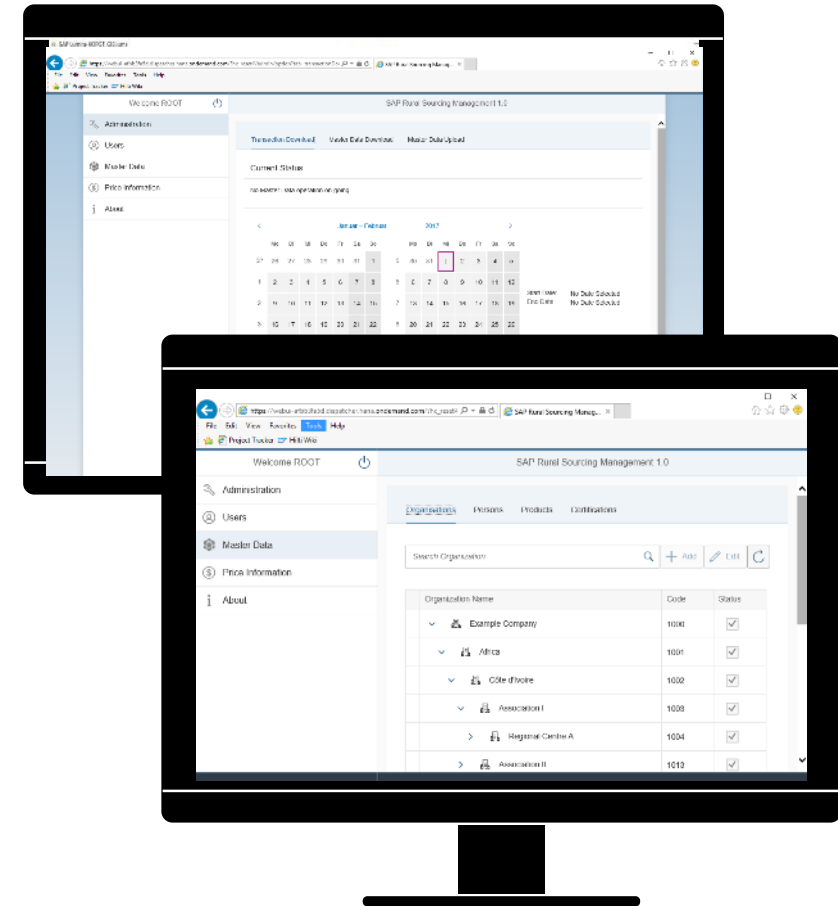


- (Mass) master data management including organizations, people, products, certifications
- Data access management
- Price information and distribution
- Training assignment
- Survey setup

Features



- Comprehensive supply chain management
- More efficient operations, including up-to-date information on storage and logistics
- Enables direct exchange of information with market participants
- Immediate targeted responses to quality incidents



3 Mobile and Desktop for Management Analytics and Reporting

Functions



- Transactional analytics
- Self-service analytics (ease of use)
- Geographical information display
- Geoanalytics and tracing
- Standard geovisualization
- Information charts and dashboards
- Sustainability KPI definition
- KPI sharing with customers and partners
- Integration with Excel

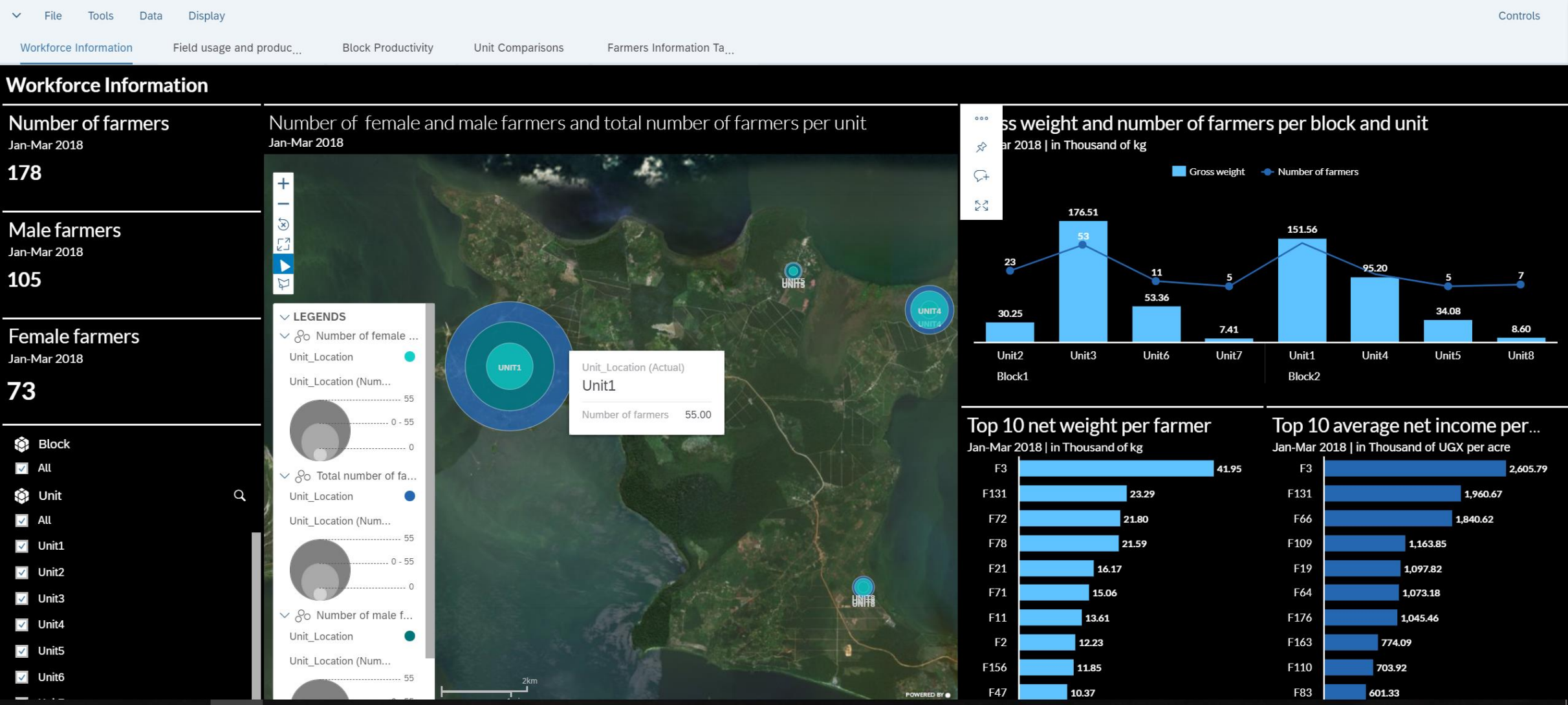
Features



- Highest security standards
- 100% offline-enabled
- High-performance analytics for big data
- Mobile and Desktop



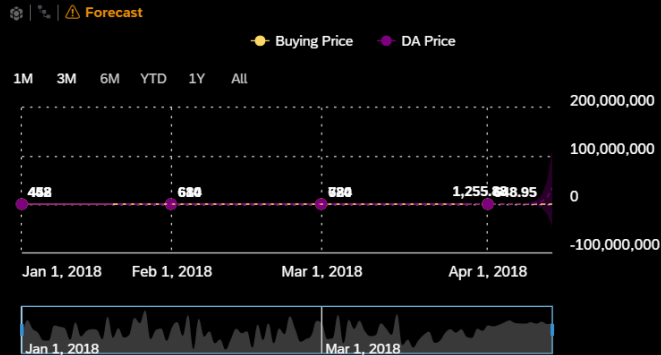
Example: Smallholder production information



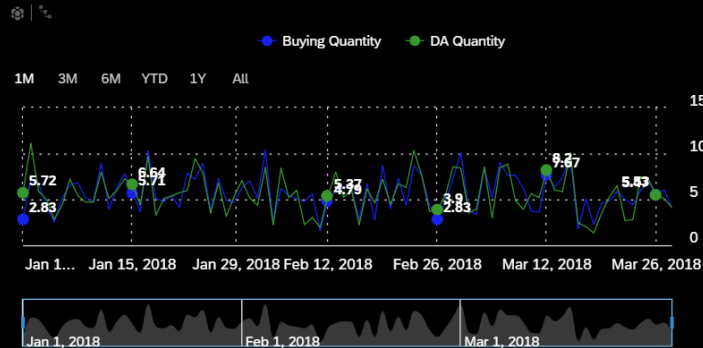
Example: Dashboard supplier performance

Smallholder Quota Tracking

Comparison Buying Price and Delivering Agreement Price



Comparison Buying Quantity and Delivering Agreement Quantity



Performance of the Field Buyers

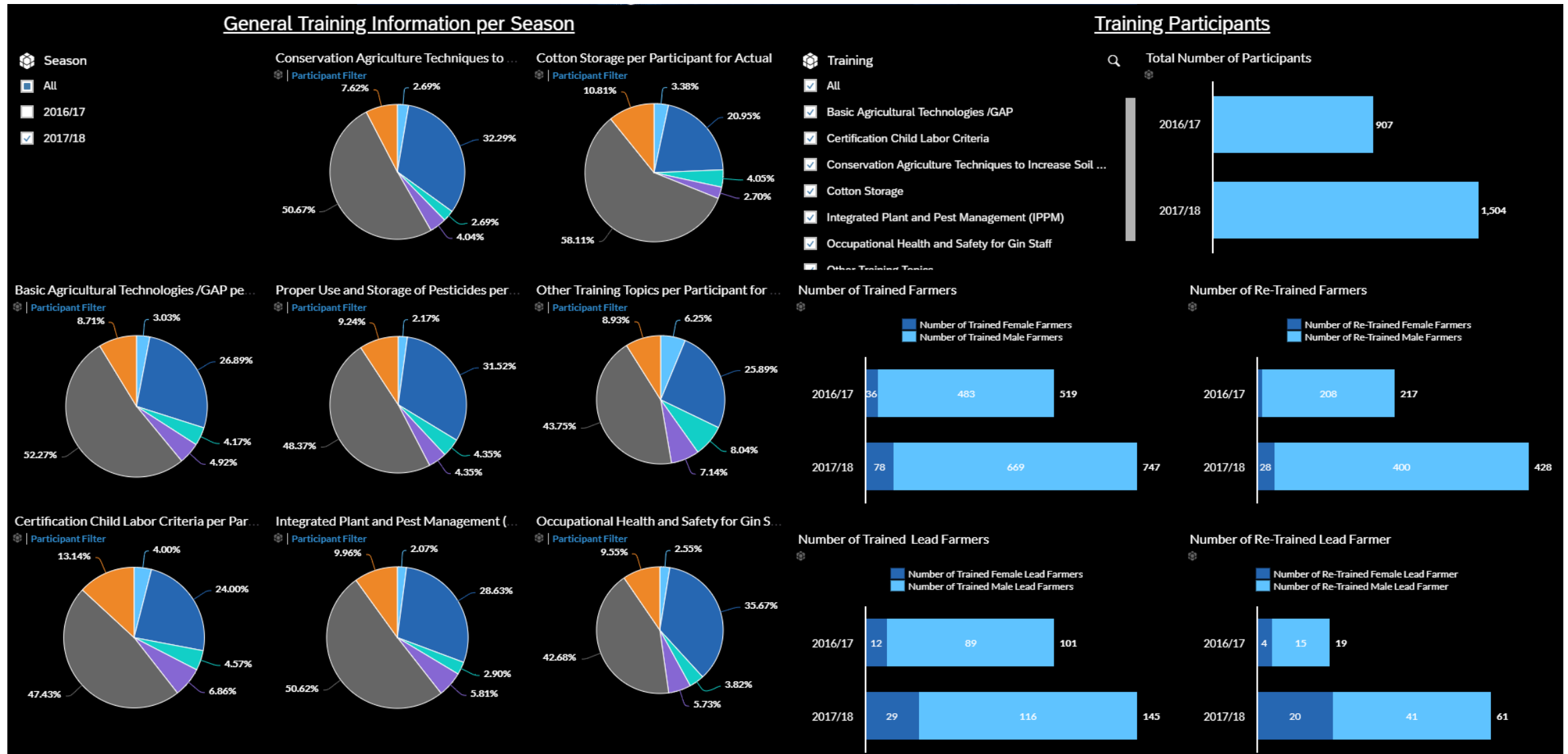


Farmer's Specifics

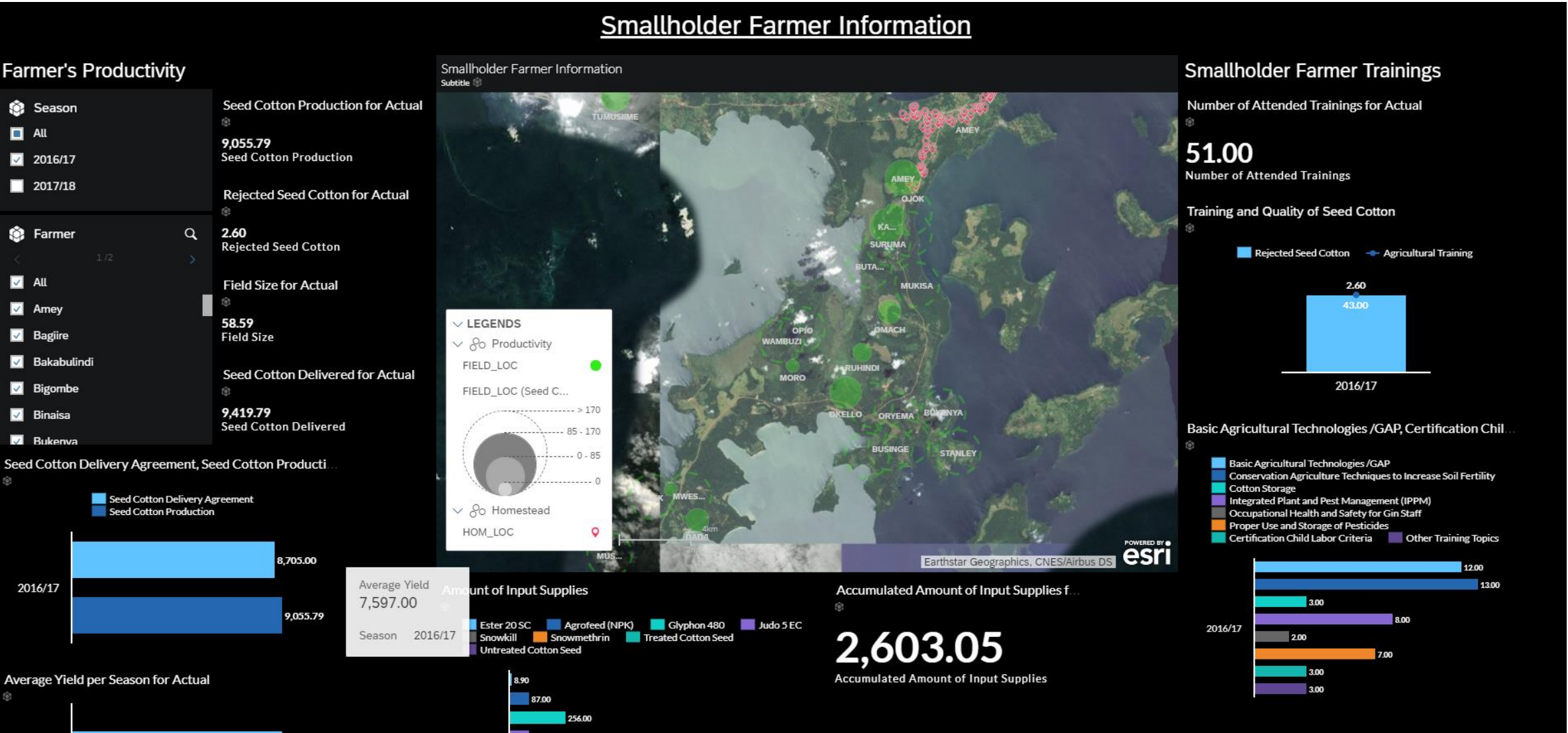
FieldBuyer Filter

ACCOUNT	Buying Quantity	DA Quantity	Buying Quantity Village	DA Quantity Village	Buying Quantity Region	DA Quantity Region	Buying Quantity Total	DA Quantity Total	Buying Average	DA Average	Buying Price	DA Price
FARMER NAME												
Acan Agnes Ayari	1.80	1.75	420.36	424.44	812.28	834.33	1,440.27	1,426.44	2.08	2.06	191.00	218.00
Bananuka John A.	0.79	2.46	420.36	424.44	812.28	834.33	1,440.27	1,426.44	2.08	2.06	218.00	185.00
Bataringaya Amos	2.58	1.90	560.48	565.92	1,083.04	1,112.44	1,920.36	1,901.92	2.78	2.75	236.00	256.00
Bate Daniel Fred	0.30	0.22	140.12	141.48	270.76	278.11	480.09	475.48	0.69	0.69	60.00	53.00
Biyinzika Teddy	3.19	2.87	700.60	707.40	1,353.80	1,390.55	2,400.45	2,377.40	3.47	3.44	302.00	322.00
Biyungo Bawagala	0.97	4.70	560.48	565.92	1,083.04	1,112.44	1,920.36	1,901.92	2.78	2.75	268.00	269.00
Bolingole Robert Kwanza	0.90	1.87	280.24	282.96	541.52	556.22	960.18	950.96	1.39	1.38	145.00	135.00
Buzigi Yusufu	4.02	2.61	840.72	848.88	1,624.56	1,668.66	2,880.54	2,852.88	4.17	4.13	367.00	367.00
Kaganda Peter	2.76	3.76	700.60	707.40	1,353.80	1,390.55	2,400.45	2,377.40	3.47	3.44	323.00	313.00
Kalikoka Kennedy	2.90	3.38	700.60	707.40	1,353.80	1,390.55	2,400.45	2,377.40	3.47	3.44	310.00	326.00
Kasasa Musa	1.36	1.73	280.24	282.96	541.52	556.22	960.18	950.96	1.39	1.38	137.00	140.00
Katongole Ndereya Balaba	0.68	1.14	280.24	282.96	541.52	556.22	960.18	950.96	1.39	1.38	119.00	131.00
Kayaga Jean	3.05	1.43	420.36	424.44	812.28	834.33	1,440.27	1,426.44	2.08	2.06	170.00	197.00
Kiberu Sula	3.09	3.68	700.60	707.40	1,353.80	1,390.55	2,400.45	2,377.40	3.47	3.44	313.00	309.00
Kiganda Paul	3.40	3.05	560.48	565.92	1,083.04	1,112.44	1,920.36	1,901.92	2.78	2.75	239.00	257.00
Kirinnya, Nabukera Patrick Ggango, Iryn	2.68	3.23	560.48	565.92	1,083.04	1,112.44	1,920.36	1,901.92	2.78	2.75	240.00	257.00
Kiyimba Magdalena	1.34	3.12	420.36	424.44	812.28	834.33	1,440.27	1,426.44	2.08	2.06	189.00	198.00
Lukwago Mbatuziyo	5.25	2.78	700.60	707.40	1,353.80	1,390.55	2,400.45	2,377.40	3.47	3.44	322.00	258.00

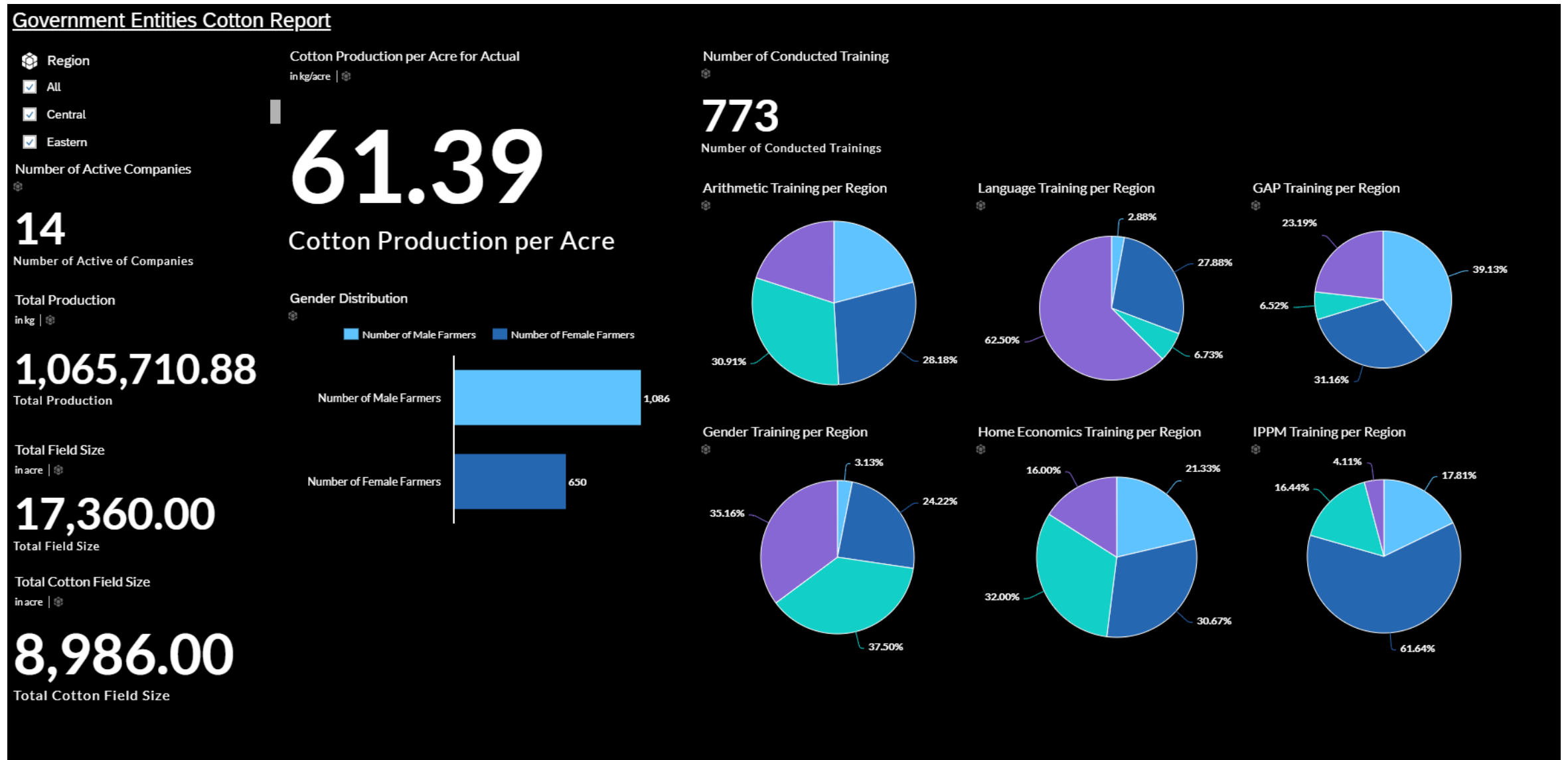
Example: Dashboard training attendance



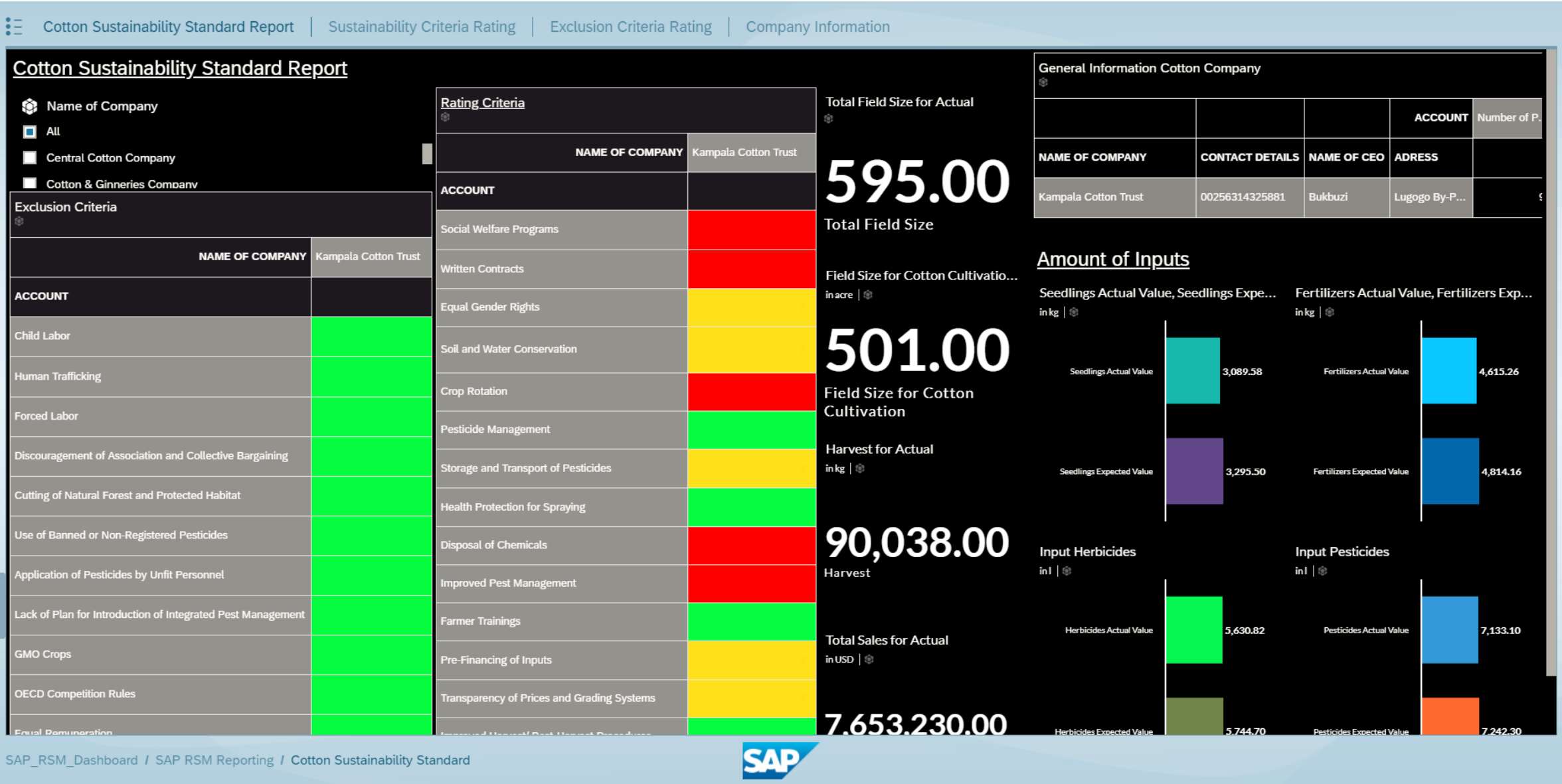
Example: Dashboard smallholder farmer information



Example: Dashboard reporting for government organizations



Certifiers: Self-assessments, production, traceability





SAP Rural Sourcing Management Achievements

5 Customers

17 pre-commercial pilots

10 Countries

(BEN, BFA, CIV, GHA,
MOZ, SLE, UGA, ZAF, NGA, IDN)
different language versions
(including local languages)

9 Crops

(Cashew, cocoa, coffee, cotton, rice, sesame, shea, oil palm, maize)

SAP helps Barry Callebaut Realize Sustainable Cocoa Farming

Barry Callebaut collaborates with SAP to offer an innovative app to boost sustainability data management

June 20, 2016

Towards more traceability and sustainability in cocoa farming

- New collaboration on a groundbreaking data management tool
- Innovative tool for cocoa bean traceability and better farm impact measurement
- 65,000 cocoa farmers to participate across Côte d'Ivoire

About SAP SE / SAP News Center / SAP HANA

SAP Helps Barry Callebaut Realize Sustainable Cocoa Farming

June 20, 2016 by SAP News 154



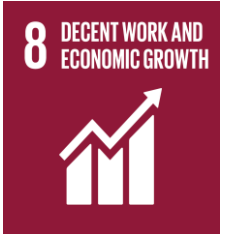
Sustainable Palm Oil with SAP Rural Sourcing Management

- 80% of Uganda works in agriculture
- **Kalangala Oil Palm Growers Trust**
 - Develops best practices for local farmers
 - Gives access to new customers
 - Leverages SAP Cloud-based technology to increase traceability, sustainability, and quality of crops
 - Have instant oversight into all the transactions happening and the productivity of their 2,000 farmers
 - Help smallholder farmers to secure their income and be able to pay school for their children



<https://www.forbes.com/sites/sap/2018/02/27/how-digital-agriculture-is-helping-uganda-grow-its-middle-class/#251e4dd91148>

SAP is a member of Business Call to Action (BCtA)



- BCtA aims to accelerate progress towards the **Sustainable Development Goals (SDGs)** by challenging companies to develop inclusive business models.
- It is supported by several international organizations and hosted by the **United Nations Development Program (UNDP)**.
- SAP has joined BCtA with an aim to cater to the needs of different market segments, including small and mid-sized organizations, to accelerate and scale impact on smallholder farmers.
- **SAP Rural Sourcing Management** supports our corporate customers to achieve their sustainability goals and build a supply chain that reliably links farm and logistics processes in order to ensure full traceability in foods and fair compensation to farmers for their labor.



More information



External sources of information:

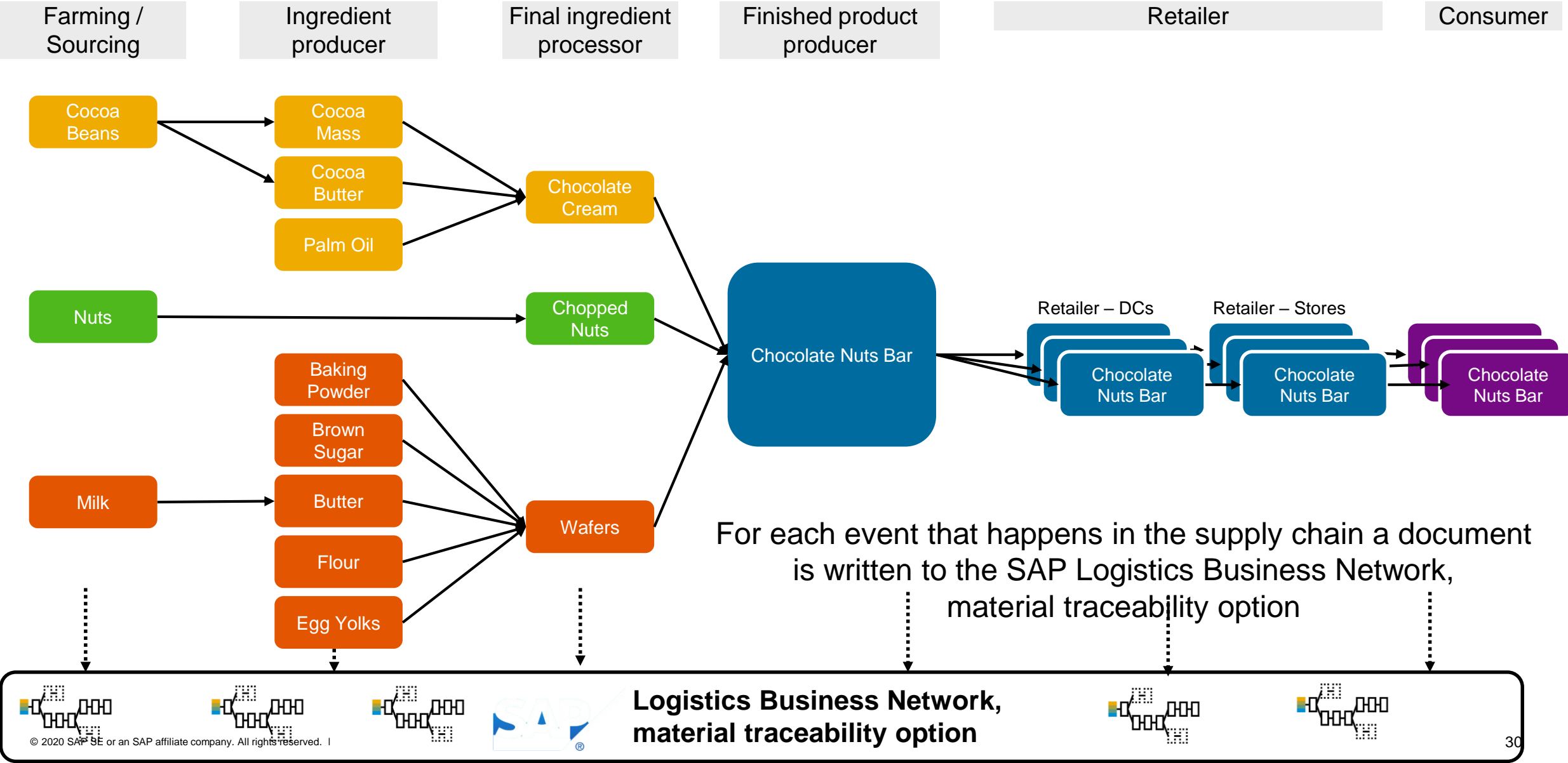
- ▶ [Rural Sourcing on sap.com](https://sap.com/rural-sourcing)
- ▶ [Explore our solutions on SAP Solution Explorer](https://sap.com/solution-explorer)

Or send an e-mail to agribusiness@sap.com



Material Traceability Blockchain Demo

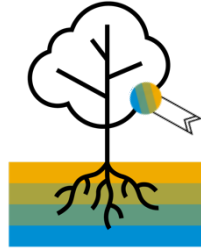
Supply Chain Example for a Chocolate Nuts Bar



Example Scenario Description – Consumer Transparency



A company wants to introduce the new product **Chocolate Nuts Bar** to the market.



The new product is sustainably sourced and certified with a sustainability label.

The company wants to provide information to their customers to differentiate their product from the competition.

Where were the **ingredients sourced** from?

How and **where** was the product produced?

Which **certificates** do the ingredients have?



- Keep the brand promise
- Increase consumer's trust
- Address new customers

Home screen



Search for Batches

SAP

Product Batches - Search and Analyze

Product Batches

Hide Filter Bar

Filters (1)

Go

Batch Number:

Product Number:

Creation Date:

Product Name:

CH_*

Entries (18)

Selected Entries (0)

Display as Table

Display as Graph

<input type="checkbox"/>	Batch Number	Product Number	Product Name	System	Creation Date	Expiration Date	Location	Status	Status Comment
<input type="checkbox"/>	CH0609_BAT-CHALL-R	CH0609_CH_ALL	CH0609_Choco Cream All	F2C_FIN	May 11, 2019			RELEASED	
<input type="checkbox"/>	CH_BAT-CBTALL	CH_CBUTTER_ALL	CH_Cocoa Butter All	F2C_INT	Apr 10, 2018	Apr 10, 2020	Ivory Coast	RELEASED	
<input type="checkbox"/>	CH0609_BAT-CNBALL	CH0609_CNB_ALL	CH0609_Choco Nuts Bar All	F2C_FIN	May 1, 2019	May 1, 2023	Germany	RELEASED	
<input type="checkbox"/>	CH0609_BAT-CHGEPA	CH0609_CH_GEPA	CH0609_Choco Cream GEPA	F2C_INT	Mar 1, 2018	Mar 1, 2020	Germany	RELEASED	
<input type="checkbox"/>	CH0609_BAT-CHN001-R	CH0609_CHOPPED_NUTS	CH0609_Chopped Nuts	F2C_FIN	Jan 1, 2019			RELEASED	
<input type="checkbox"/>	CH0609_BAT-CHGEPA-R	CH0609_CH_GEPA	CH0609_Choco Cream GEPA	F2C_FIN	Mar 11, 2018			RELEASED	
<input type="checkbox"/>	CH_BAT-CNBALL	CH_CNB_ALL	CH_Choco Nuts Bar All	F2C_FIN	May 1, 2019	May 1, 2023	Germany	RELEASED	
<input type="checkbox"/>	CH0609_BAT-CNBGEPA	CH0609_CNB_GEPA	CH0609_Choco Nuts Bar GEPA	F2C_FIN	May 1, 2019	May 1, 2023	Germany	RELEASED	
<input type="checkbox"/>	CH_BAT-CHGEPA	CH_CH_GEPA	CH_Choco Cream GEPA	F2C_INT	Mar 1, 2018	Mar 1, 2020	Germany	RELEASED	
<input type="checkbox"/>	CH_BAT-CNBGEPA	CH_CNB_GEPA	CH_Choco Nuts Bar GEPA	F2C_FIN	May 1, 2019	May 1, 2023	Germany	RELEASED	
<input type="checkbox"/>	CH0609_BAT-W0001-R	CH0609_WAFERS	CH0609_Wafers	F2C_FIN	Apr 1, 2019			RELEASED	

Batch Details Screen

SAP

Product Batches - Search and Analyze

Product Batches

Creation Date:

Product Name:

CH_*

Entries (18)

Selected Entries (0)

Display as Table

Display as Graph

	Batch Number	Product Number	Product Name
<input type="checkbox"/>	CH0609_BAT-CHALL-R	CH0609_CH_ALL	CH0609_Choco Cream All
System: F2C_FIN Creation Date: May 11, 2019 Expiration Date: Location: Status: RELEASED Status Comment:			
<input type="checkbox"/>	CH_BAT-CBTALL	CH_CBUTTER_ALL	CH_Cocoa Butter All
System: F2C_INT Creation Date: Apr 10, 2018 Expiration Date: Apr 10, 2020 Location: Ivory Coast Status: RELEASED Status Comment:			
<input type="checkbox"/>	CH0609_BAT-CNBALL	CH0609_CNB_ALL	CH0609_Choco Nuts Bar All
System: F2C_FIN Creation Date: May 1, 2019 Expiration Date: May 1, 2023			

Batch Number

Product Number

System

CH_BAT-CNBALL

CH_CNB_ALL

F2C_FIN

Attributes

Properties

Quantities

Creation Date: May 1, 2019

Product Name: CH_Choco Nuts Bar All

Expiration Date: May 1, 2023

Location: Germany

Status: RELEASED

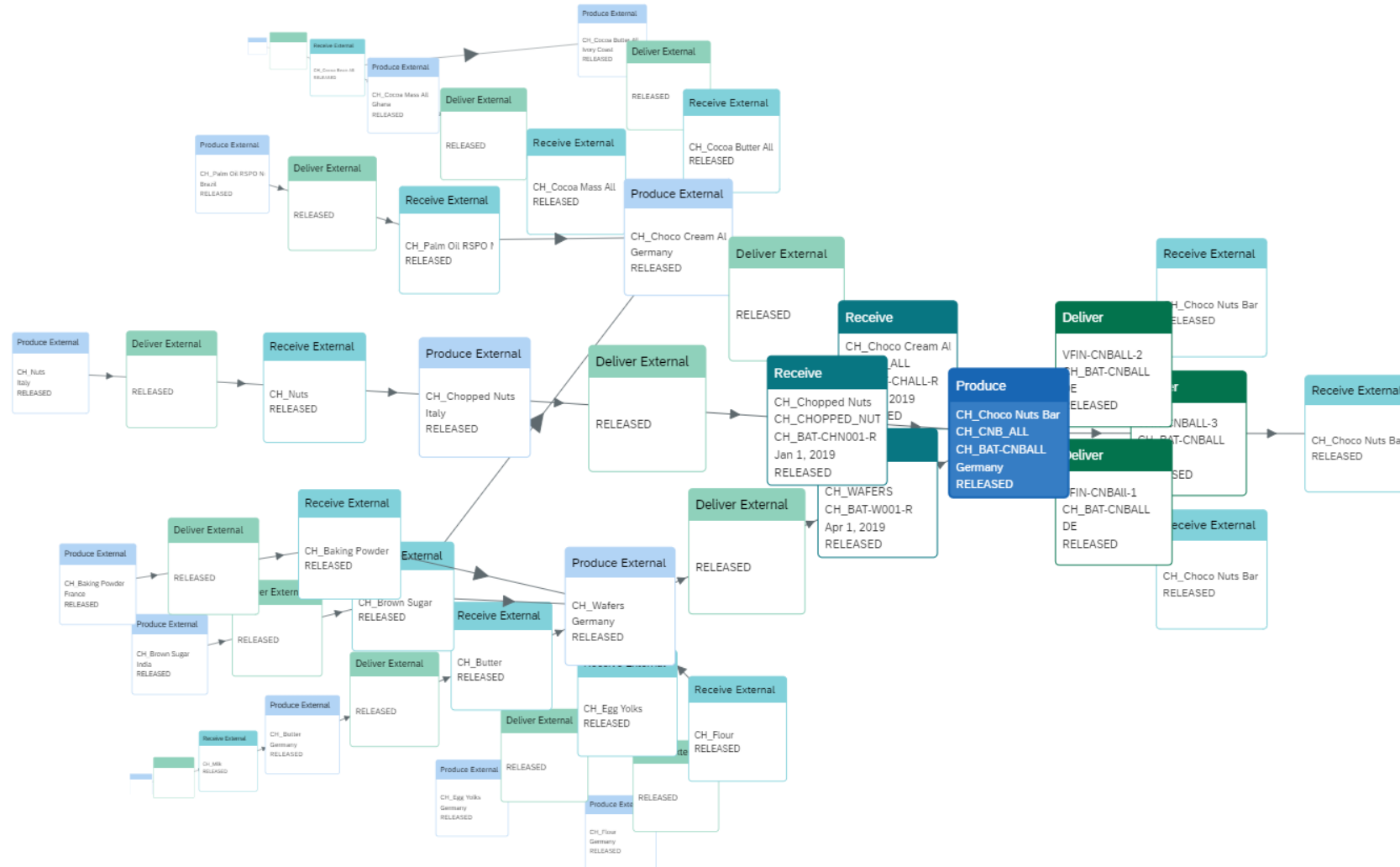
Status Comment:

PROPERTIES

Name	Value
CERTIFICATE	
RAINFOREST_ALLIANCE	true
RSPO_NEXT	true
UTZ	true

Graphical UI for Genealogy Analysis

Network Graph

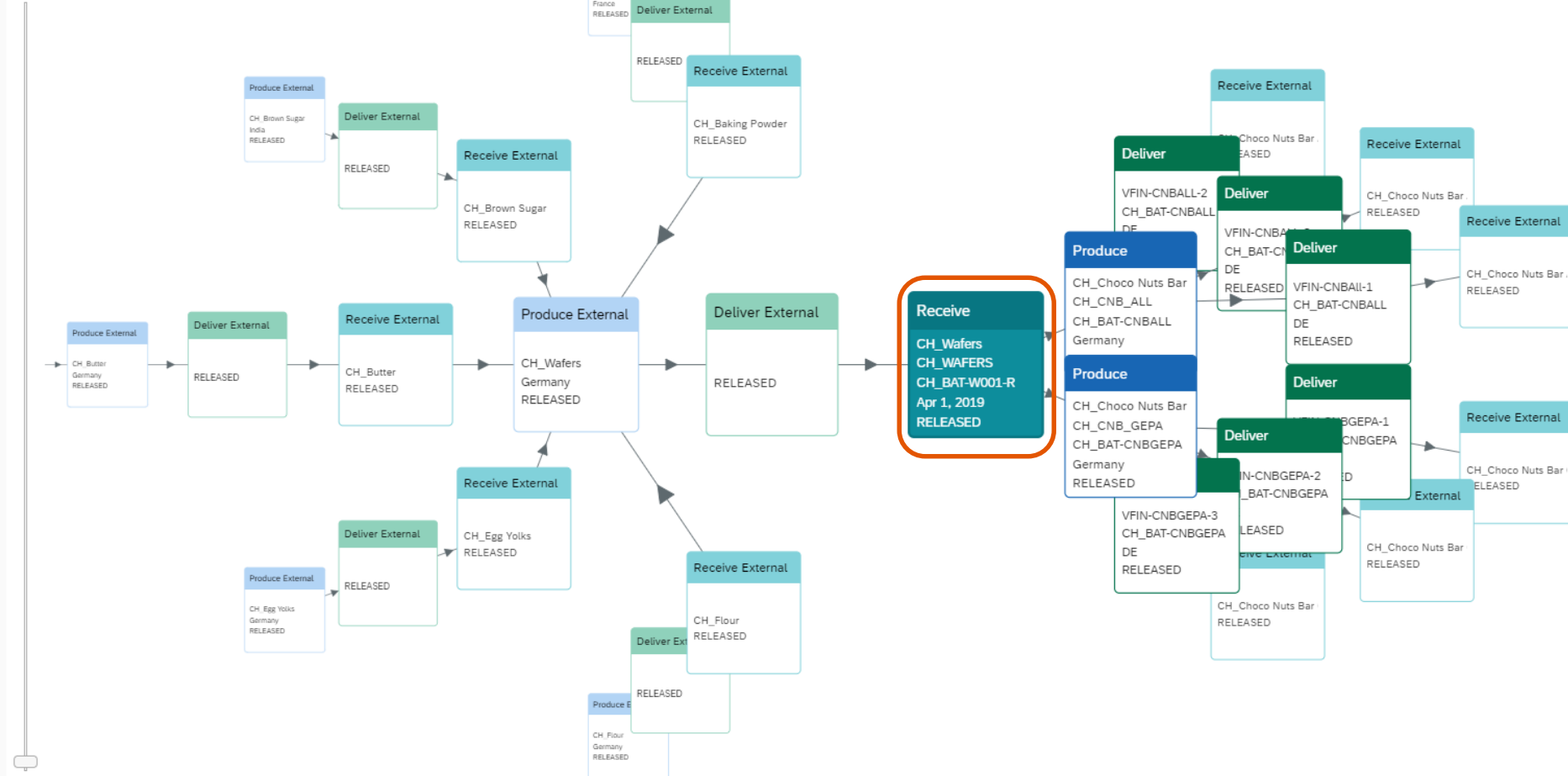


Graphical UI for Genealogy Analysis – Switch Root Node

< SAP Product Batches - Search and Analyze ▾



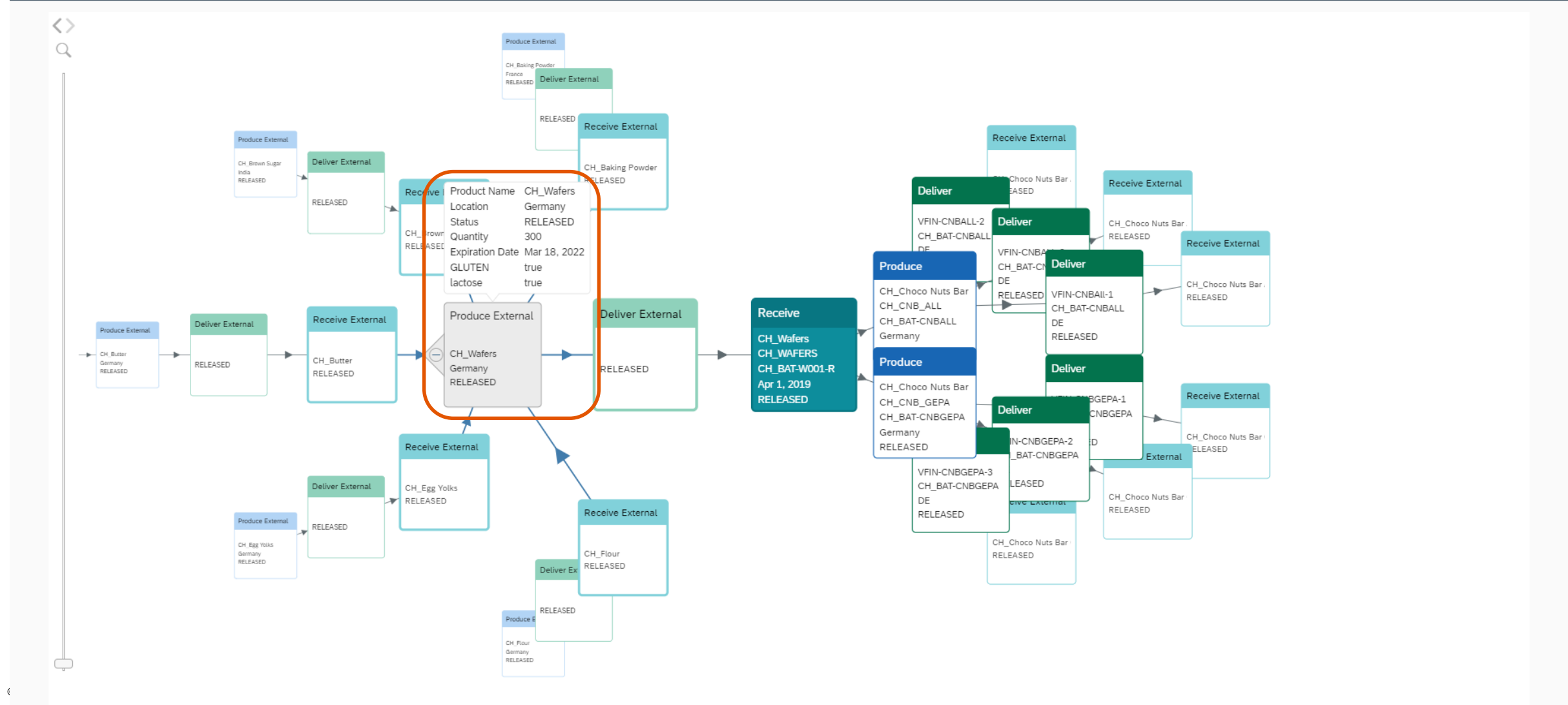
Network Graph



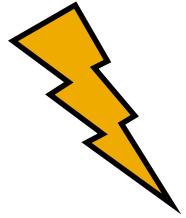
SAP

Product Batches - Search and Analyze ▾

Network Graph



Example Scenario Description – Product Issue and Recall



A **product issue** is detected for **chopped nuts**. Metal pieces were found during QA inspection at the ingredient producer.

The chopped nuts producer wants to **react quickly to reduce the overall impact and cost** of the product issue.



How many supply chain **partners, regions** and **products** are already affected?

Where was the product **distributed** to?



How to inform quickly all affected partners to **stop spreading the issue**?



- Lower costs by precise recalls
- Protect brand reputation
- Increase food safety

Incoming Alerts

<

SAP

Product Batches - Alerts ▾

Alerts

Affected Batches

104 Alerts

49

Recalled

55

On Hold

Search

Q

Alerts (104)

Filtered by: Alert Processing (New, In Process)

AZ190911_Choco Nuts Bar GEPA, AZ190911_Chopped Nuts and 1 more product(s) affected by 'Recall' of 'AZ190911_Chopped Nuts' from 1 Production Level(s) Upstream

3 Batch(es) Affected · metal pieces included

New · Wed Sep 11 2019

UP_11092019_Wafers, UP_11092019_Choco Nuts Bar GEPA and 1 more product(s) affected by 'Hold' of 'Dead Letter Queue' from 3 Production Level(s) Upstream

3 Batch(es) Affected · Dead letter queue

New · Wed Sep 11 2019

UP_11092019_Wafers, UP_11092019_Choco Nuts Bar GEPA and 1 more product(s) affected by 'Hold' of 'UP_11092019_Milk' from 3 Production Level(s) Upstream

3 Batch(es) Affected · Dead letter queue

New · Wed Sep 11 2019

UP_11092019_Wafers, UP_11092019_Choco Nuts Bar GEPA and 1 more product(s) affected by 'Hold' of 'UP_11092019_Milk' from 3 Production Level(s) Upstream

3 Batch(es) Affected

New · Wed Sep 11 2019

UP_11092019_Wafers, UP_11092019_Choco Nuts Bar GEPA and 1 more product(s) affected by 'Hold' of 'UP_11092019_Milk' from 3 Production Level(s) Upstream

3 Batch(es) Affected

New · Wed Sep 11 2019

UP_11092019_Wafers, UP_11092019_Choco Nuts Bar GEPA and 1 more product(s) affected by 'Hold' of 'UP_11092019_Milk' from 3 Production Level(s) Upstream

3 Batch(es) Affected

New · Wed Sep 11 2019

Alert Details

<

SAP

Product Batches - Alerts

AZ190911_Choco Nuts Bar GEPA, AZ190911_Chopped Nuts and 1 more product(s) affected by 'Recall' of 'AZ190911_Chopped Nuts' from 1 Production Level(s) Upstream

Change Status

Alert Processing: New

Triggering Ingredient: AZ190911_Chopped Nuts

Ingredient Status: RECALLED

Product Name: AZ190911_Choco Nuts Bar GEPA, AZ190911_Chopped Nuts, AZ190911_Choco Nuts Bar All

Alert Date: Wed Sep 11 2019

Comment: metal pieces included

Affected Batches

Purchase Orders

Outbound Deliveries

Batch Number	Batch Type	Product Number	Product Name	Creation Date	Produced	Vendor Batch Number	Location
AZ190911_BAT-CNBGEPA	Produce	AZ190911_CNB_GEPA	AZ190911_Choco Nuts Bar GEPA	Wed Sep 11 2019	Internal	AZ190911_BAT-CNBGEPA	Germany
AZ190911_BAT-CHN001-R	Receive	AZ190911_CHOPPED_NUTS	AZ190911_Chopped Nuts	Wed Sep 11 2019	External	AZ190911_BAT-CHN001	
AZ190911_BAT-CNBALL	Produce	AZ190911_CNB_ALL	AZ190911_Choco Nuts Bar All	Wed Sep 11 2019	Internal	AZ190911_BAT-CNBALL	Germany

Purchase Orders

Purchase Order Number	Purchase Order Item	Vendor Batch Number	Vendor Delivery Number	Purchase Order Date
PO014	I014	AZ190911_BAT-CHN001	VINT-CHN001	Tue Jan 01 2019

Outbound Deliveries

Delivery Number	Delivery Date	Vendor Batch Number	Purchase Order Number	Purchase Order Item	Purchase Order Date
VFIN-CNBALL-3	Tue Sep 10 2019	AZ190911_BAT-CNBALL	PO-029	I029	Wed May 15 2019
VFIN-CNBGEPA-3	Tue Sep 10 2019	AZ190911_BAT-CNBGEPA	PO-027	I027	Mon May 13 2019

Affected Batches – List view

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SAP

Product Batches - Alerts

Alerts

Affected Batches

302

Affected Batches

161

Recalled

141

On Hold

Affected Batches (302)

Search

Alert Processing	Ingredient Status	Triggering Ingredient	Batch Number	Product Number	Product Name	Alert Date	Location
NEW	ON HOLD	UP_11092019_Milk	UP_11092019_BAT-W001-R	UP_11092019_WAFERS	UP_11092019_Wafers	Sep 11, 2019, 11:08:48 AM	
NEW	ON HOLD	UP_11092019_Milk	UP_11092019_BAT-CNBGEPA	UP_11092019_CNB_GEPA	UP_11092019_Choco Nuts Bar GEPA	Sep 11, 2019, 11:08:48 AM	Germany
NEW	ON HOLD	UP_11092019_Milk	UP_11092019_BAT-CNBALL	UP_11092019_CNB_ALL	UP_11092019_Choco Nuts Bar All	Sep 11, 2019, 11:08:48 AM	Germany
NEW	RECALLED	DS170401_Chopped Nuts	DS170401_BAT-CHN001-R	DS170401_CHOPPED_NUTS	DS170401_Chopped Nuts	Apr 17, 2019, 11:04:52 AM	
NEW	RECALLED	DS170401_Chopped Nuts	DS170401_BAT-CNBALL	DS170401_CNB_ALL	DS170401_Choco Nuts Bar All	Apr 17, 2019, 11:04:52 AM	Germany
NEW	RECALLED	DS170401_Chopped Nuts	DS170401_BAT-CNBGEPA	DS170401_CNB_GEPA	DS170401_Choco Nuts Bar GEPA	Apr 17, 2019, 11:04:52 AM	Germany
NEW	RECALLED	Rag25Apr01_Flour	Rag25Apr01_BAT-CNBALL	Rag25Apr01_CNB_ALL	Rag25Apr01_Choco Nuts Bar All	Apr 25, 2019, 10:39:24 AM	Germany
NEW	RECALLED	Rag25Apr01_Flour	Rag25Apr01_BAT-CNBGEPA	Rag25Apr01_CNB_GEPA	Rag25Apr01_Choco Nuts Bar GEPA	Apr 25, 2019, 10:39:24 AM	Germany
NEW	RECALLED	Rag25Apr01_Flour	Rag25Apr01_BAT-W001-R	Rag25Apr01_WAFERS	Rag25Apr01_Wafers	Apr 25, 2019, 10:39:24 AM	
NEW	RECALLED	PU_2808_Cocoa Bean GEPA	PU_2808_BAT-CHGEPA-R	PU_2808_CH_GEPA	PU_2808_Choco Cream GEPA	Aug 28, 2019, 2:12:33 PM	
NEW	RECALLED	PU_2808_Cocoa Bean GEPA	PU_2808_BAT-CNBGEPA	PU_2808_CNB_GEPA	PU_2808_Choco Nuts Bar GEPA	Aug 28, 2019, 2:12:33 PM	Germany
NEW	ON HOLD	ML160501_Milk	ML160501_BAT-W001-R	ML160501_WAFERS	ML160501_Wafers	May 16, 2019, 4:52:02 PM	
NEW	ON HOLD	ML160501_Milk	ML160501_BAT-CNBALL	ML160501_CNB_ALL	ML160501_Choco Nuts Bar All	May 16, 2019, 4:52:02 PM	Germany

Thank you.

Contact information:

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