



**Agroknow**

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**THE FOOD SAFETY  
INTELLIGENCE COMPANY**



**Agroknow**

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**THE FOOD SAFETY INTELLIGENCE COMPANY THAT PREDICTS FOOD RISKS  
TO INFORM PREVENTION**



**Agroknow**

**WE COLLECT, TRANSLATE  
AND ENRICH GLOBAL FOOD SAFETY DATA**

# COVERAGE OF DATA SOURCES (AS PER FEB2021)



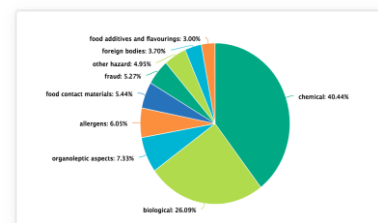
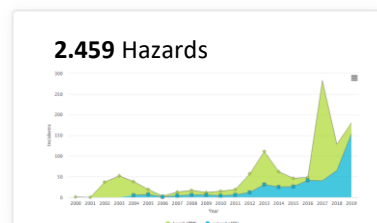
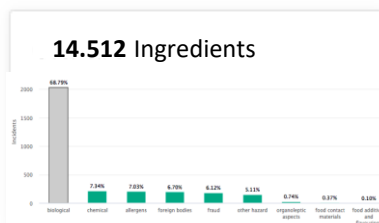
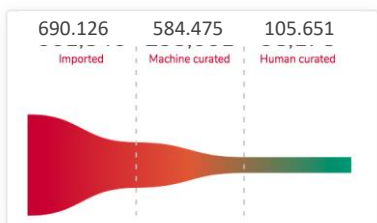
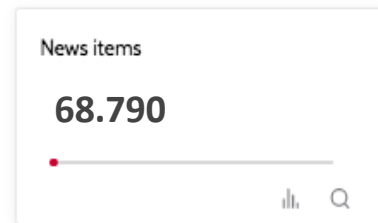
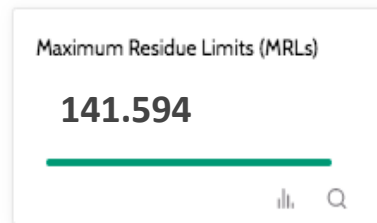
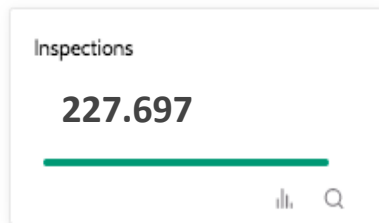
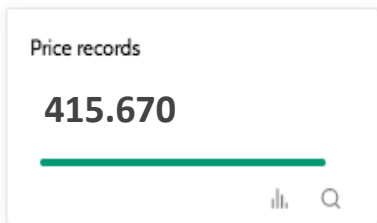
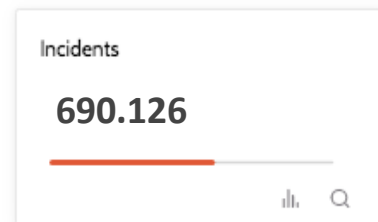
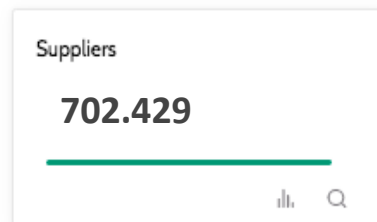
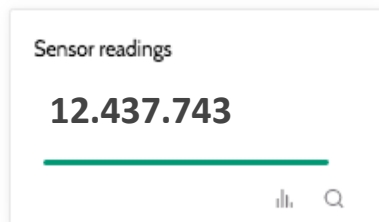
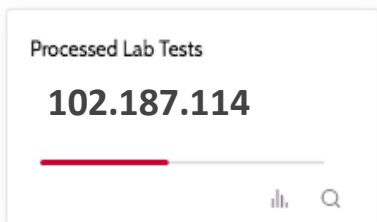
**254.178.314**  
RECORDS

**75**  
DATA  
SOURCES

**196**  
COUNTRIES  
COVERED

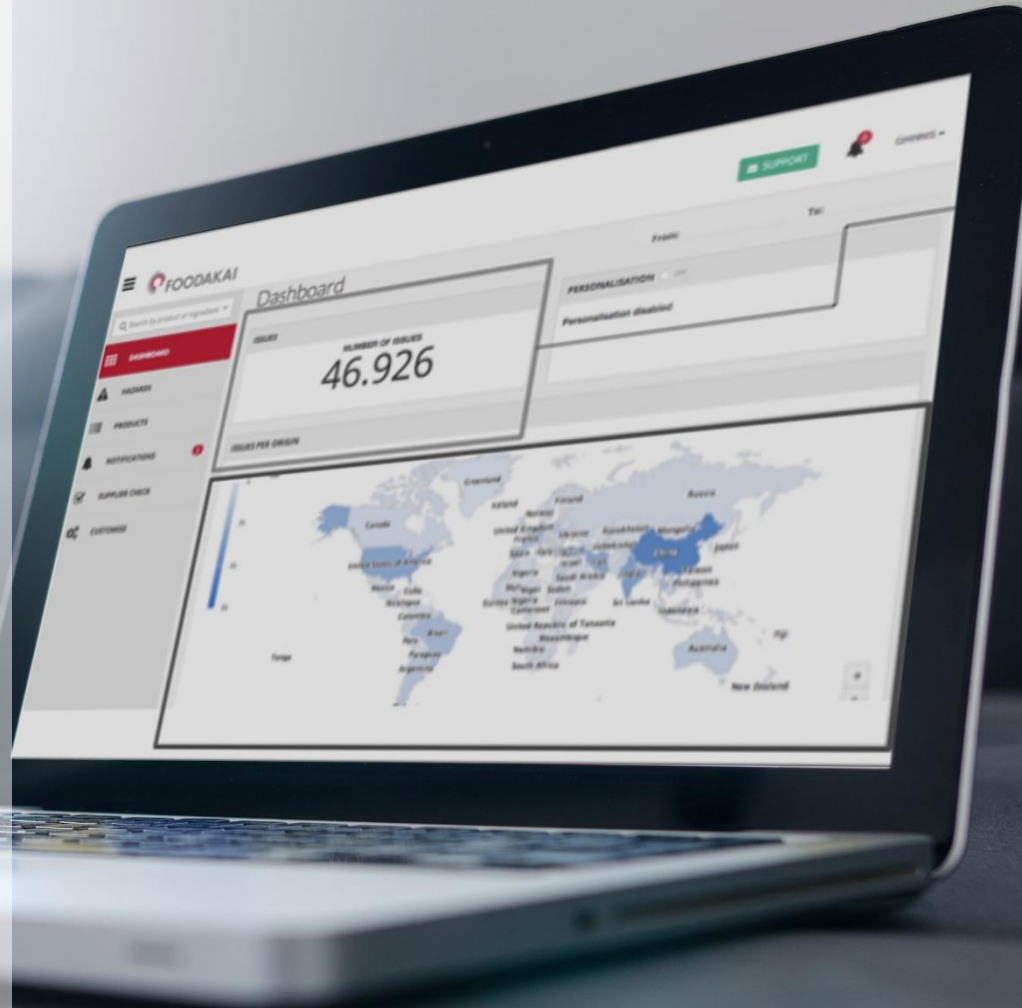
**36**  
DATA TYPES

# DATA TYPES & STATISTICS (AS PER FEB2021)



# OUR GOAL

**Build a strong risk assessment & prevention process and discover the #1 food risk prediction software.**



# WHAT WE OFFER

 **FOODAKAI  
PLATFORM**

**RISKADATA  
DATA SETS & API**





# THE SCIENTIFIC APPROACH



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# INDUSTRY NEEDS



## DATA COMPLEXITY

Complex Food supply chains brings additional risks for food safety



## CLIMATE CHANGE

The next massive risk for food safety



## PLANNING LOOKING BACKWARDS

Testing efforts are based on previous incidents and the 'real risks' are not being dealt with properly

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# A WORLD WHERE 'INFORMATION IS KING AND KNOWLEDGE IS POWER'

How can we get **access to the correct information** about current & future food safety risks?

How can we find out which companies or even countries pose **the greatest risks**?





# THE DIGITAL CRYSTAL BALL

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# THE OPPORTUNITIES



## DATA

- collection and interpretation
- massive & disparate
- updated food safety risk dashboard



## TECHNOLOGY

- predictive analytics
- AI powered algorithms
- be proactive rather than reactive

HOW CAN YOU  
HAVE YOUR OWN  
DIGITAL CRYSTAL  
BALL?



**DEALING WITH RISK ASSESSMENT AS  
MANUAL TASK IS TIME CONSUMING &  
ERROR PRONE**

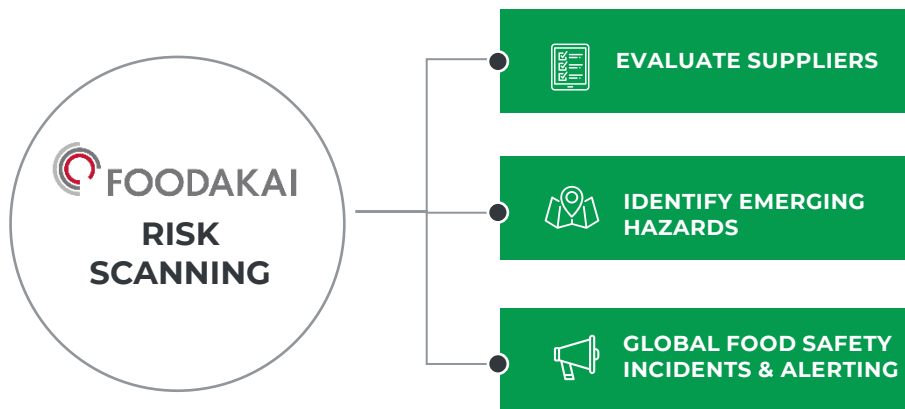
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# **STRONG RISK ASSESSMENT APPROACH**

- ✓ Risk Identification
- ✓ Risk Characterization and Ranking
- ✓ Timely Risk Prediction



# STEP 1: RISK IDENTIFICATION



## Real -time incidents monitoring & alerting for your supply chain

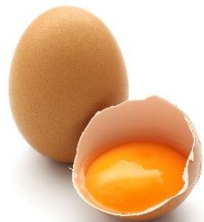
- ▶ Curated, grouped & organized
- ▶ More than 50 data sources

## Identify emerging hazards for your supply chain

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# STEP 1: RISK IDENTIFICATION

## EMERGING RISKS



**Fipronil in eggs**  
July 2017



**Ethylene oxide**  
in sesame seeds  
Sept 2020



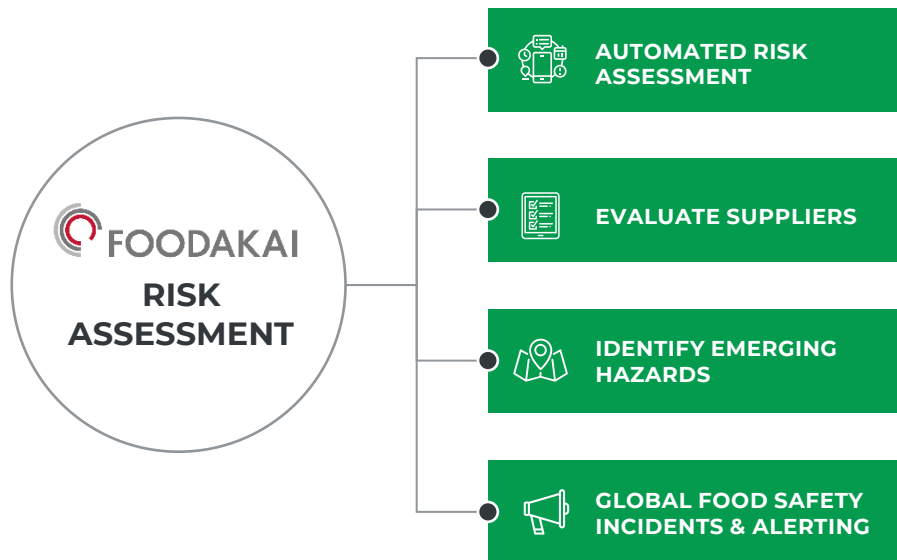
**Prochloraz in**  
mandarins and  
oranges  
Nov 2020



**Ethylene oxide**  
in peppercorns  
Feb 2021



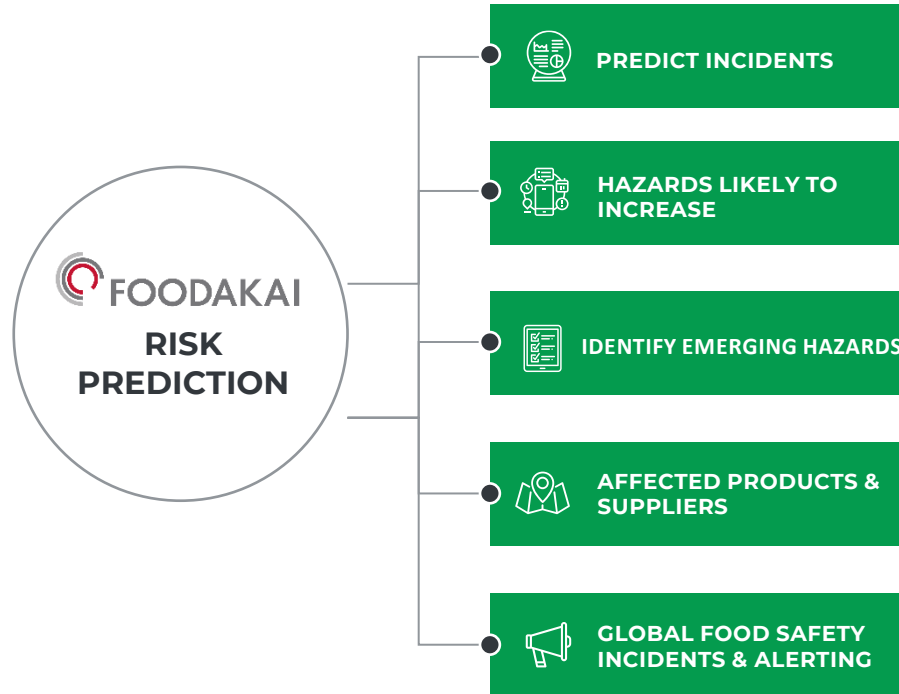
## STEP 2: AUTOMATED RISK ASSESSMENT



### Automated risk assessment on based on fully updated data

- ▶ Automated Re-ranks & recalculations
- ▶ Can be performed with a click of a button
- ▶ No manual input needed
- ▶ 50% reduction in time devoted to risk assessment

## STEP 3: RISK PREDICTION



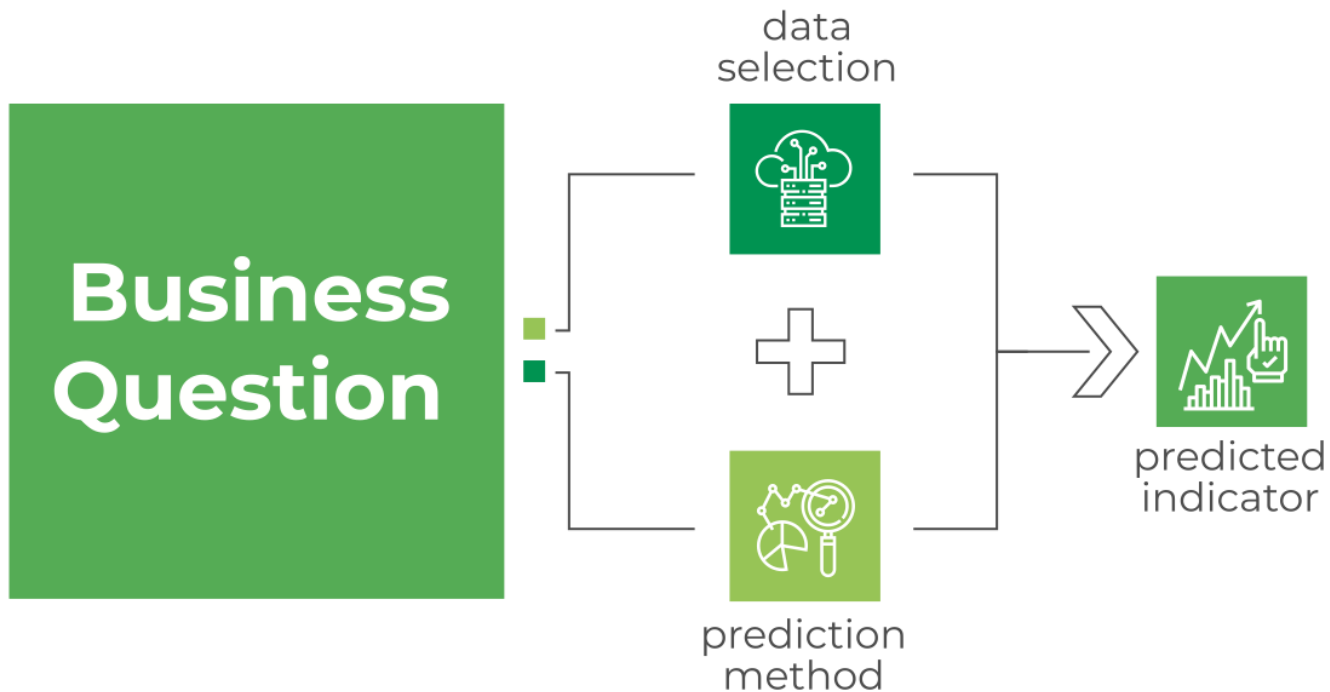
### Live food risk predictions

- ▶ New risks
- ▶ Predicted incidents & hazards

### Predict emerging risks for the next 12 months

### Take efficient mitigation measures

# THE METHOD



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## THE VALUE YOU GET

Using the information about this predicted emerging risk the company will make more effective the lab testing plan and audits to prevent the recall

- ✔ Include this parameter in the lab test plan to make sure that there is no such chemical hazard
- ✔ Ask suppliers who are using this ingredient to provide certificate of analysis for the specific parameter
- ✔ Plan remote audits for suppliers that are affected by this emerging risk



# THE FOODAKAI

## 7. RISK PREDICTION

Which will be the next food safety incident in my supply chain?

## 6. AUTOMATED RISK ASSESSMENT

How can I have fast & real time risk assessment for my ingredients, products & suppliers?

## 1. REAL TIME INCIDENTS MONITORING & ALERTING

Am I aware of all the relevant food safety incidents for my supply chain?

## 2. EMERGING HAZARDS ANALYSIS

Which are the emerging hazards for my ingredients & products (per region)?

## 3. GLOBAL LAB TEST DATA & INSIGHTS

Which are the hazards we should test for, according to global lab test results ?



## 5. SUPPLIER EVALUATION

Which of my suppliers are more susceptible to risk?

## 4. AUTOMATED REPORTING

How can I have a quick overview of incidents & recalls for our brand vs competition??

# RISKADATA

## 1. REAL TIME INCIDENTS MONITORING & ALERTING

waiting

## 2. EMERGING HAZARDS ANALYSIS

Which are the emerging hazards for my ingredients & products (per region)?

## 3. GLOBAL LAB TEST DATA & INSIGHTS

Which are the hazards we should test for, according to global lab test results ?

## 6. AUTO ASSESS

How  
time  
ingredients, products &  
suppliers?

## 5. SUPPLIER EVALUATION

Which of my suppliers are more susceptible to risk?

## 4. AUTOMATED REPORTING

How can I have a quick overview of incidents & recalls for our brand vs competition??

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**ARE YOU READY TO TAKE YOUR RISK  
ASSESSMENT & PREDICTION TO THE  
NEXT LEVEL?**

**ASK FOR A TAILOR-MADE PROPOSAL!**

**[AGROKNOW.COM/OFFER](https://agroknow.com/offer)**

