




**HAVE YOU EVER WONDERED WHAT IS THE
JOURNEY OF THE FRUIT BEFORE YOU PICK IT
UP FROM THE STAND?**



Thinking out of the box





**We are
Team Loop**



The current

CPR SYSTEM

PRODUCE, SELL AND RENT OUT THE BOXES



PROVIDE THE SERVICES OF



Washing
the boxes



Repair the
broken boxes



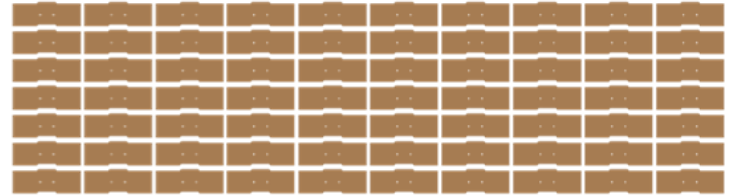
Recycle the
destroyed boxes

REUSE IS MORE SUSTAINABLE THAN RECYCLE



CPR Polypropylene box

1	10	70
Box	Years	Cycles



Disposable cardboard box

70	10	1
Boxes	Years	Cycle

Producer

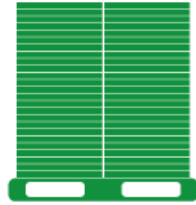


Center of Distribution



Supermarket

Producer

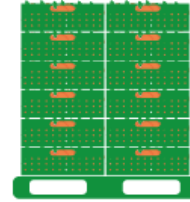
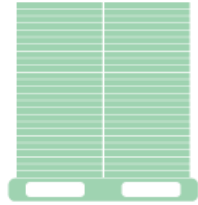


Center of Distribution



Supermarket

Producer

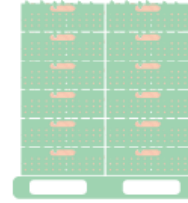
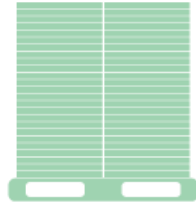


Center of Distribution



Supermarket

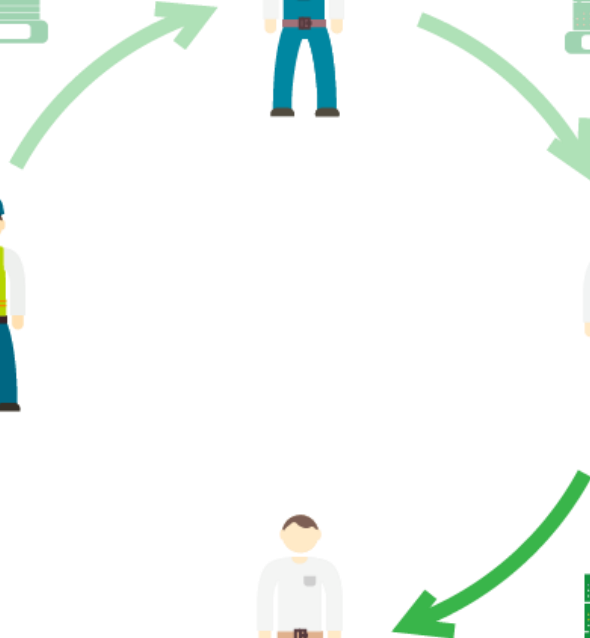
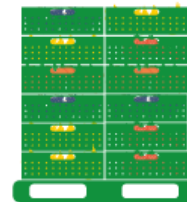
Producer



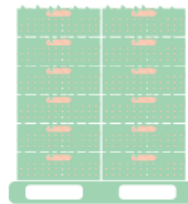
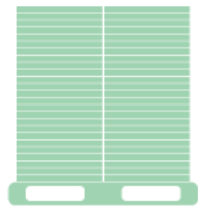
Center of Distribution



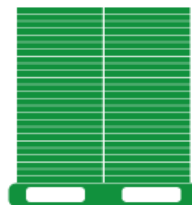
Supermarket



Producer



Center of Distribution

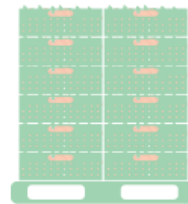
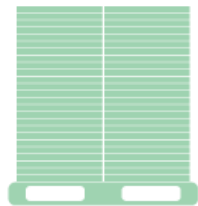


Supermarket



CPR
SYSTEM
IL RISPARMIO INTELLIGENTE

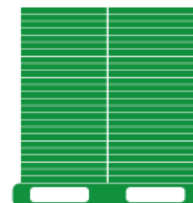
Producer



Center of Distribution

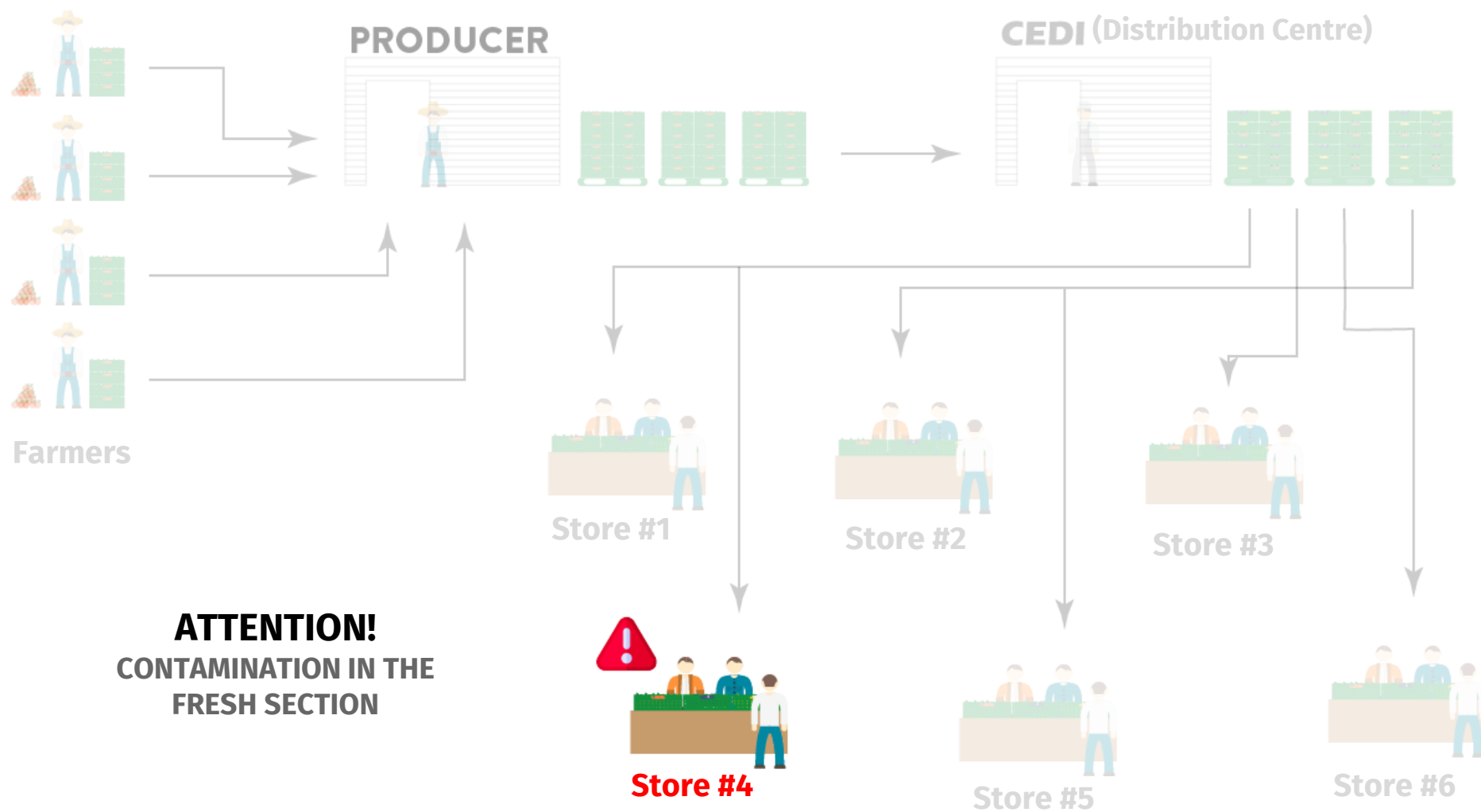


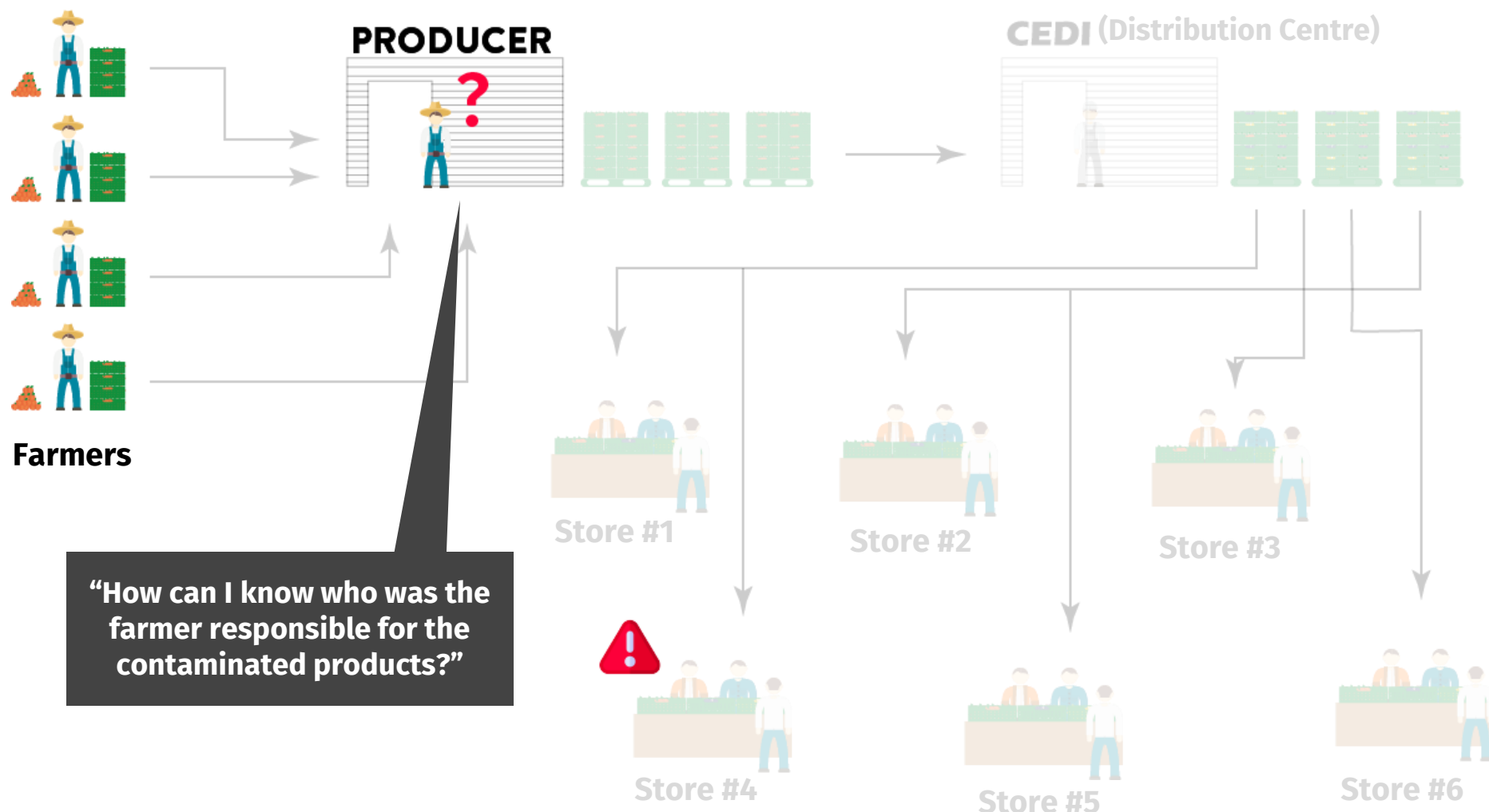
Supermarket





WHICH ARE THE PROBLEMS?











“There are not all the
information that we need”



The main

PROBLEM



The **boxes do not talk** so they cannot tell what happened to them to all the actors



There is **not a standard communication** system among the actors



**CAN WE GIVE AN ANSWER TO ALL
OF THIS THROUGH THE CPR BOX?**

Our four

DESIGN PRINCIPLES



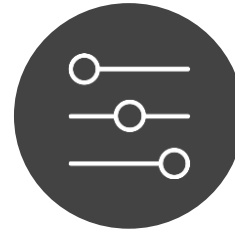
The **work** of each actor must be **equal or less** than the current one



All the actors should **benefit** from the system



The final customer must have enough information to make **purchases in a conscious way**



The **company** must have **full control** on what happens in all the steps of the chain

Our system

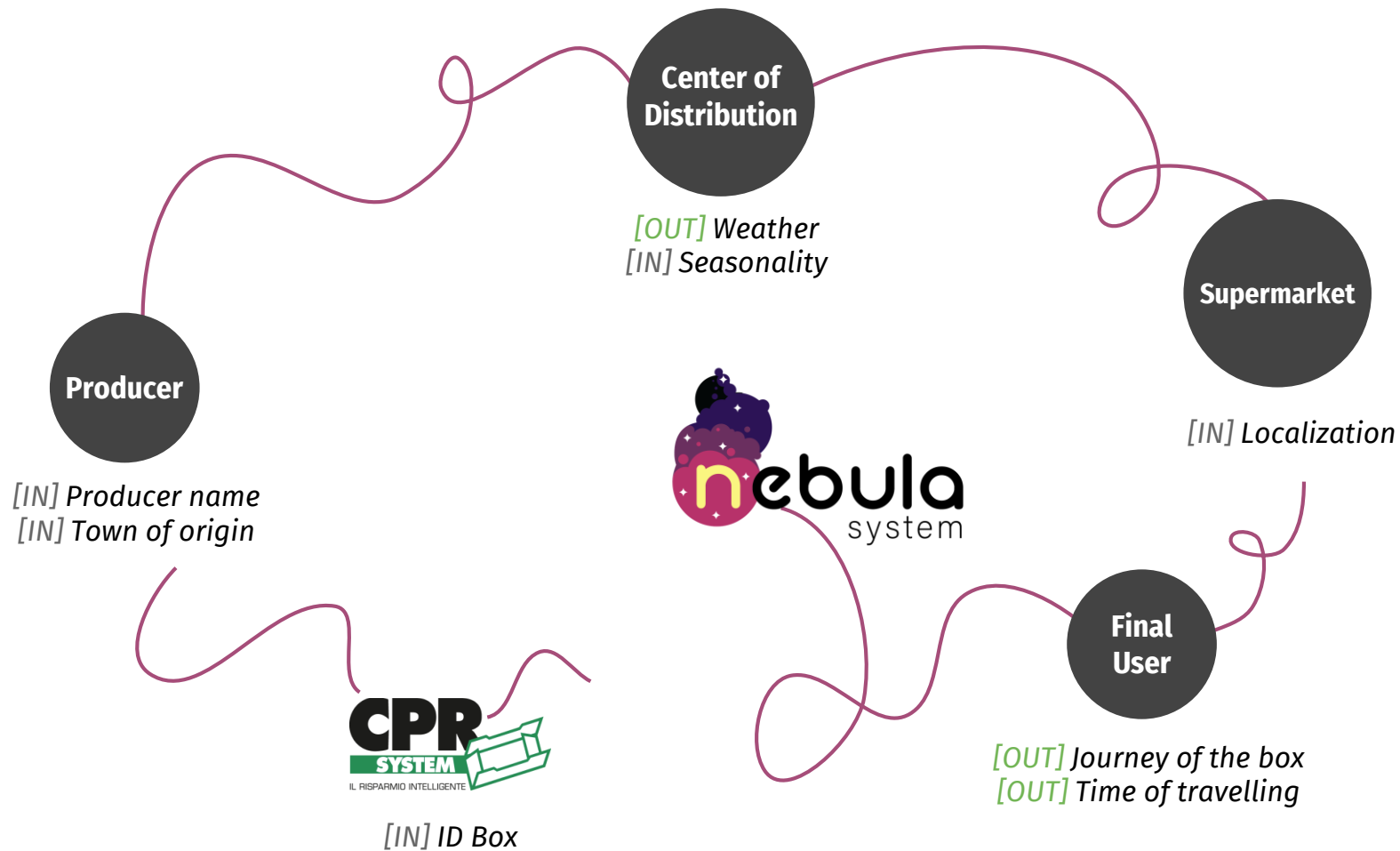
MAIN GOAL



“Creating an **intelligent data collection** and **communication system** based on the CPR boxes”

We created a **shared platform** that connects all the actors among them and a **smart stand** to be connected with one more user, the final customer.





Team Loop

CPR FUTURE SERVICE DESIGN



Platform
Nebula



Smart stands



Producer



Distribution
Center



Final User



Nebula

BUSINESS MODEL

**PLATFORM
NEBULA**

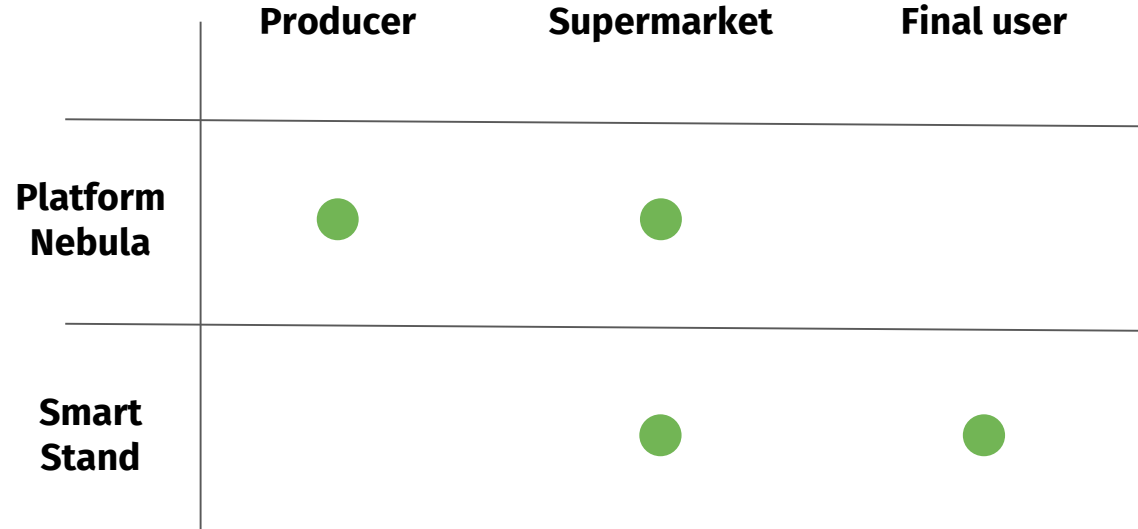
FREEMIUM SERVICE

Tracking and data visualization

**SMART
STAND**

Rent for the use

Data visualization



Analysing the

IMPACT OF THE SYSTEM



Less **fruit and vegetables wasted** in case of a damaged products in a batch



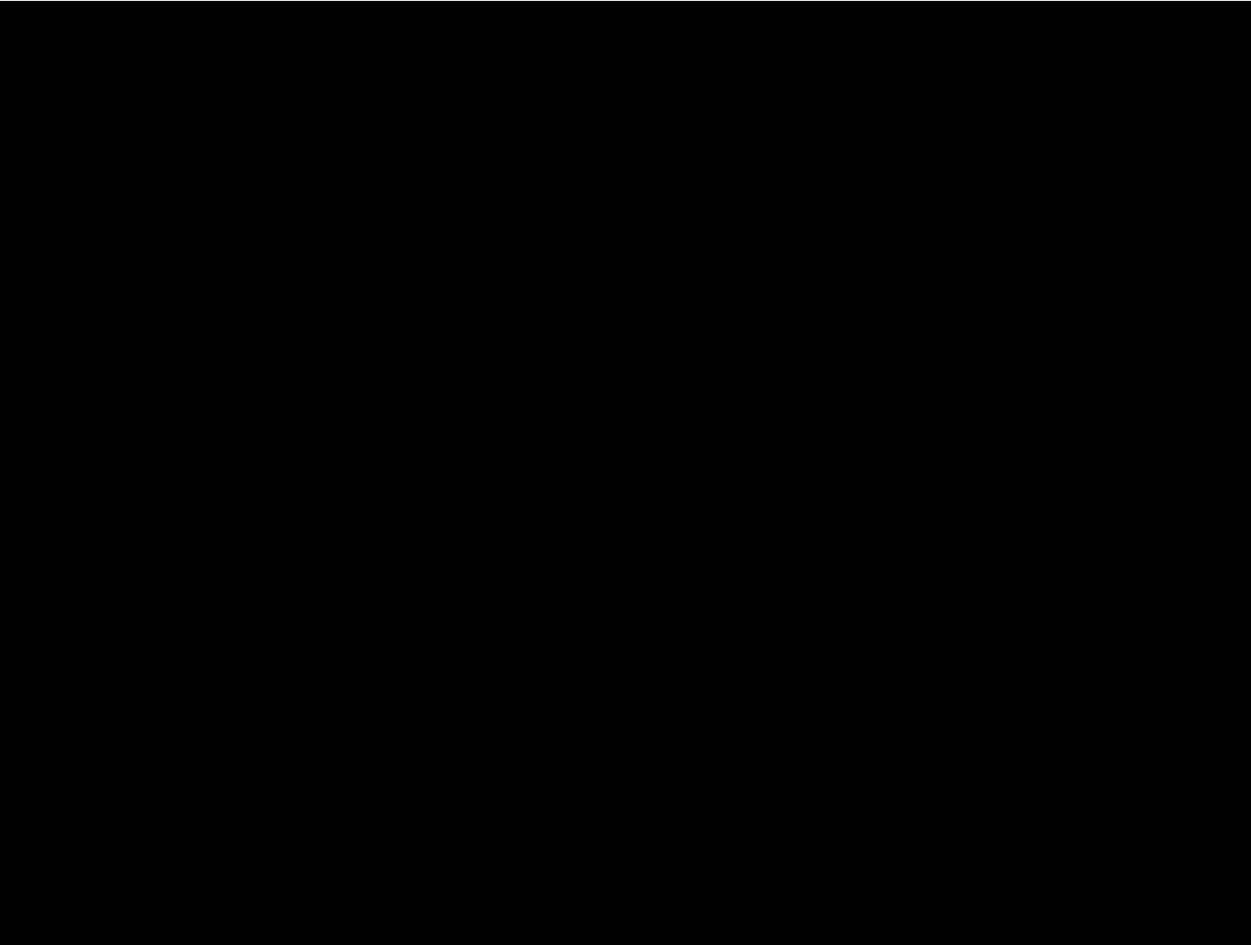
A more conscious use of **water and energy** during the washing cycles



Less empty journeys of the truck for the **return streams** of empty boxes



Optimization of the human resources time **automatizing** some **repetitive works**

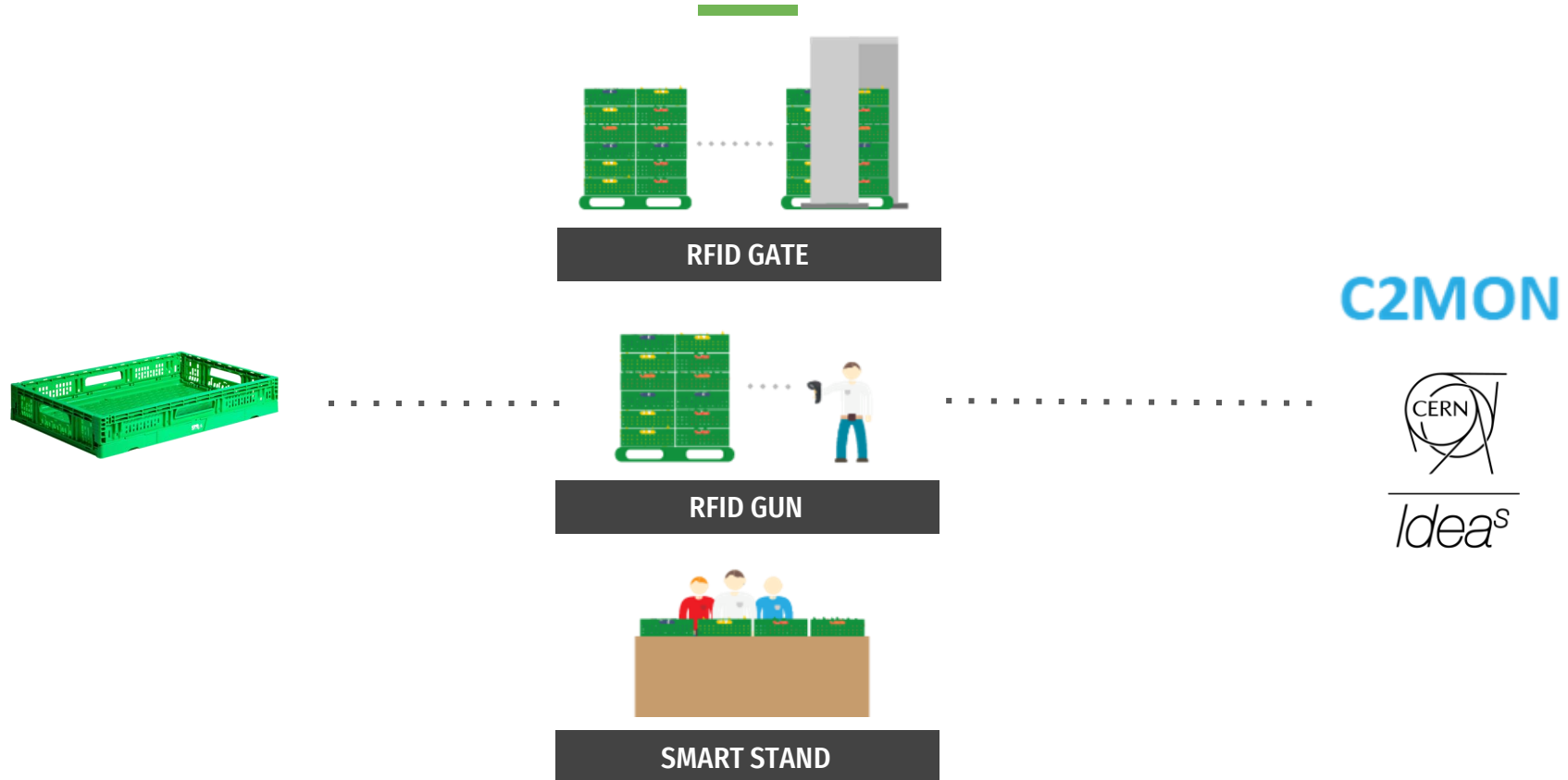


The user interface of
NEBULA SYSTEM



Nebula technology

INPUT DATA AND PROCESSING



Nebula technology

OUTPUT DATA AND VISUALIZING

C2MON

Elastic search
API



DATA VISUALIZATION
SOFTWARE



PLATFORM



FRUIT STAND

The background of the image is a blurred photograph of a grocery store aisle. In the foreground, there are several baskets filled with apples. Some baskets contain green apples, while others contain red and yellow apples. The text is overlaid on a dark green rectangular background that spans the width of the image.

**WHY IS OUR SOLUTION VALUABLE FOR
YOU, FINAL CUSTOMER?**

Data visualization

SMART DISPLAY STAND

New standardized communication
and trustable relationship



Mela Red Delicious

Origine: Trento (TN)

Prodotto da Azienda Cordini (0127328) per Apofruit Italia Soc. Coop.
Categoria 1 - Calibro 80/85 mm

Prezzo

0.62 €
al kg



53

Ore di viaggio **4h23m** Km percorsi **409**



Azienda Cordini
La famiglia Cordini, capitanata dal giovane Pierluigi, è produttrice di mele da generazioni. Sempre attenti alla cura dei loro prodotti, garantiscono una qualità eccellente ad ogni raccolto. Tecnologia, sapienza agricola, esperienza e tanto cuore: la famiglia Cordini è lieta di deliziarvi con i loro doni.





Time and Km of journey

Information of Producer

Origin Town of Product

Seasonality of Product

CONAD

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**NOW YOU KNOW WHAT THE FRUIT HAD TO GO
THROUGH, BEFORE COMING TO YOU!**

Thank you for your attention!

