



The SISTERS approach is to create a systemic action plan for reduction of food loss and waste, by applying innovations in each relevant step of the agri-food value chain. One of the project aims is to reduce food loss & waste during the logistics through the creation of smart containers to better preserve food during transportation.



# SMART CONTAINERS



SISTERS will design smart containers for fresh food produce transportation with cutting-edge sensors through respiration studies and the creation of an atmosphere suitable for this produce.

This will be applicable to bulk food products from the production stage (called BULKBOX) and packed products after processing (called STOREBOX).

## BENEFITS



Reduction of food losses during transportation.



Energy savings (higher transportation efficiency, lower need for food waste transportation)



High replicability to other food segments which will cause a huge impact in the European Food System.

## The different stages of the innovation development & the partners involved:



Specifications compiled



Sensors Production



Implementation of sensors for building smart containers



SMART CONTAINERS testing at lab scale



SMART CONTAINERS Validation



## 18 PARTNERS & 3 LINKED THIRD PARTIES FROM 8 COUNTRIES



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