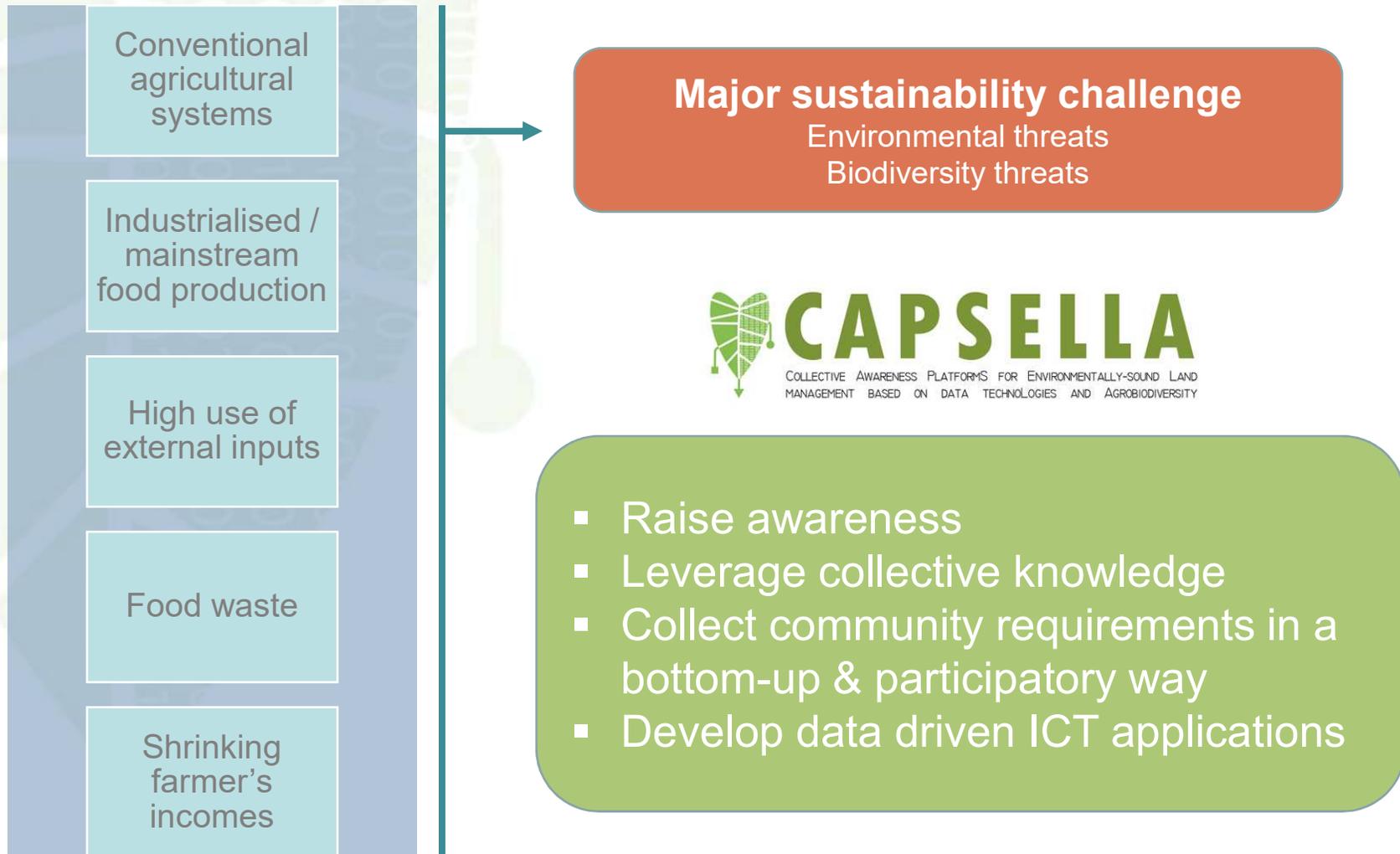


**C**ollective **A**wareness **P**latformS for **E**nvironmentally-  
sound **L**and management based on data  
techno**L**ogies and **A**grobiodiversity

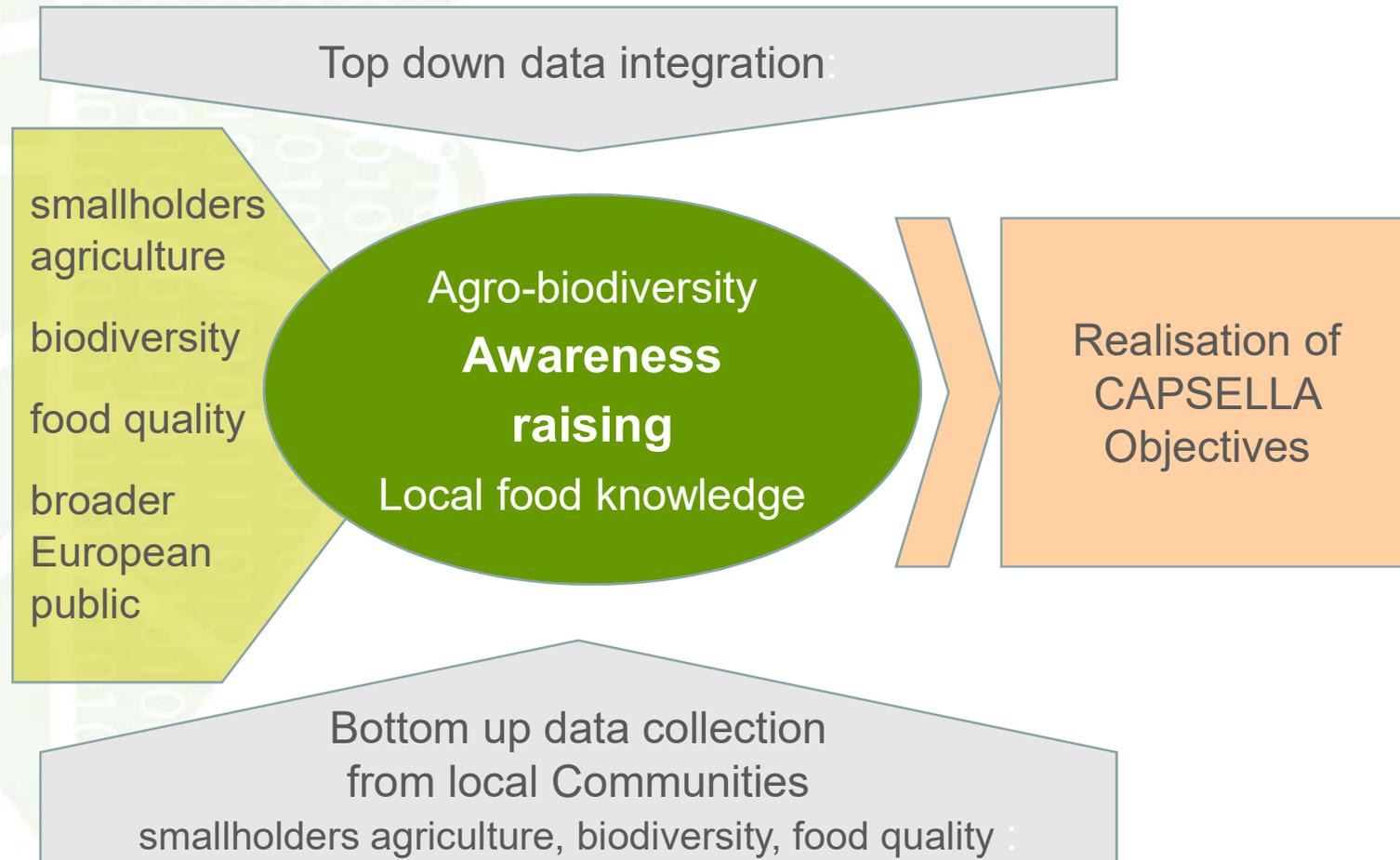
# From Farm to Fork: Feeding the World with Data

Eleni Toli, ATHENA Research Center

# Motivation & Aims



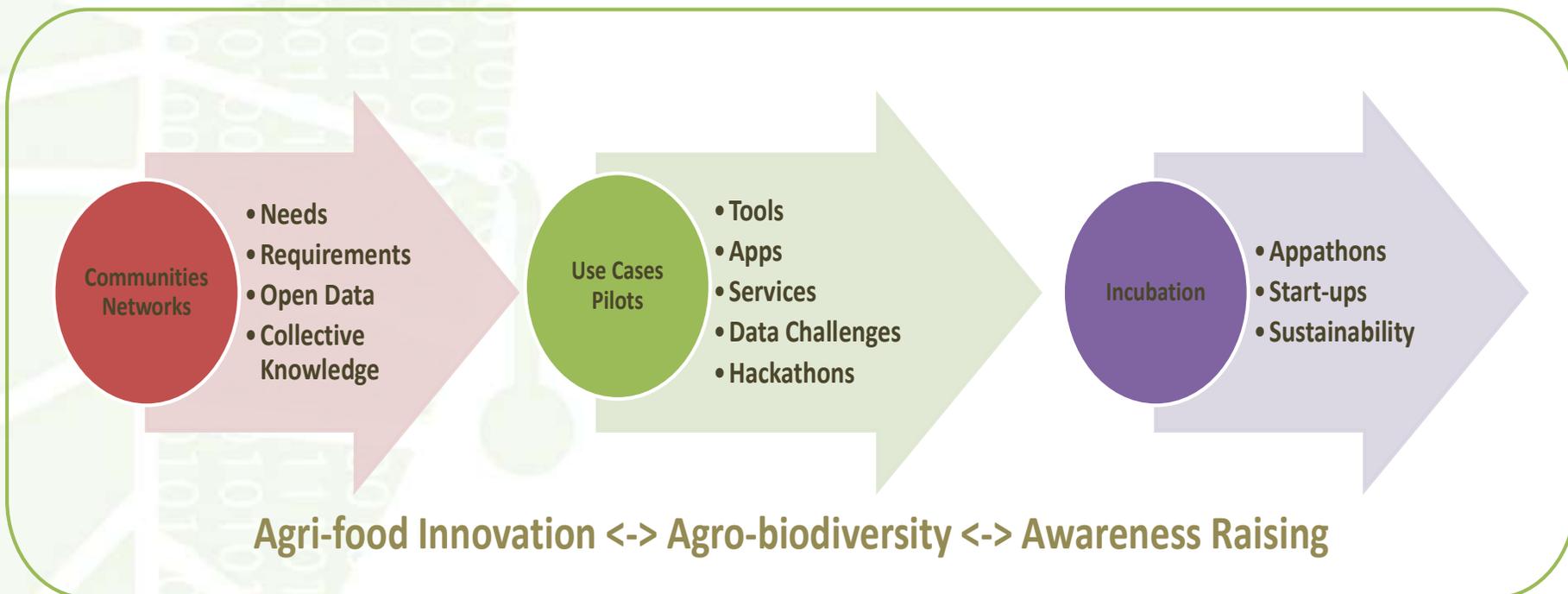
# Community-driven project and participatory design



# CAPSELLA Objectives

- ┆ Develop a cloud based platform to support community based initiatives
- ┆ Build from scratch open data repositories on regional agrobiodiversity
- ┆ Build upon and enhance existing data sets on the agrobiodiversity and food domains
- ┆ Develop a number of community-driven data powered ICT solutions
- ┆ Run pilots with communities
- ┆ Run incubation activities for selected pilots

# CAPSELLA main pillars



Awareness Raising  
Workshops  
Collection  
requirement events  
Hackathons

Meetups  
Hackathons  
Open training days

Hackathon  
Entrepreneurship  
contests  
Pre-incubation training  
bootcamp

# CAPSELLA Scenarios

Three community-driven use cases / scenarios that will be addressed following an iterative approach

## The Infrastructure

- **“Field scenario”** addressing ecological intensification and functional agro-biodiversity in cropping systems;

## The Input

- **“Seeds scenario”** addressing on-farm genetic diversity conservation and management, seed networks and informal seed systems;

## The Output

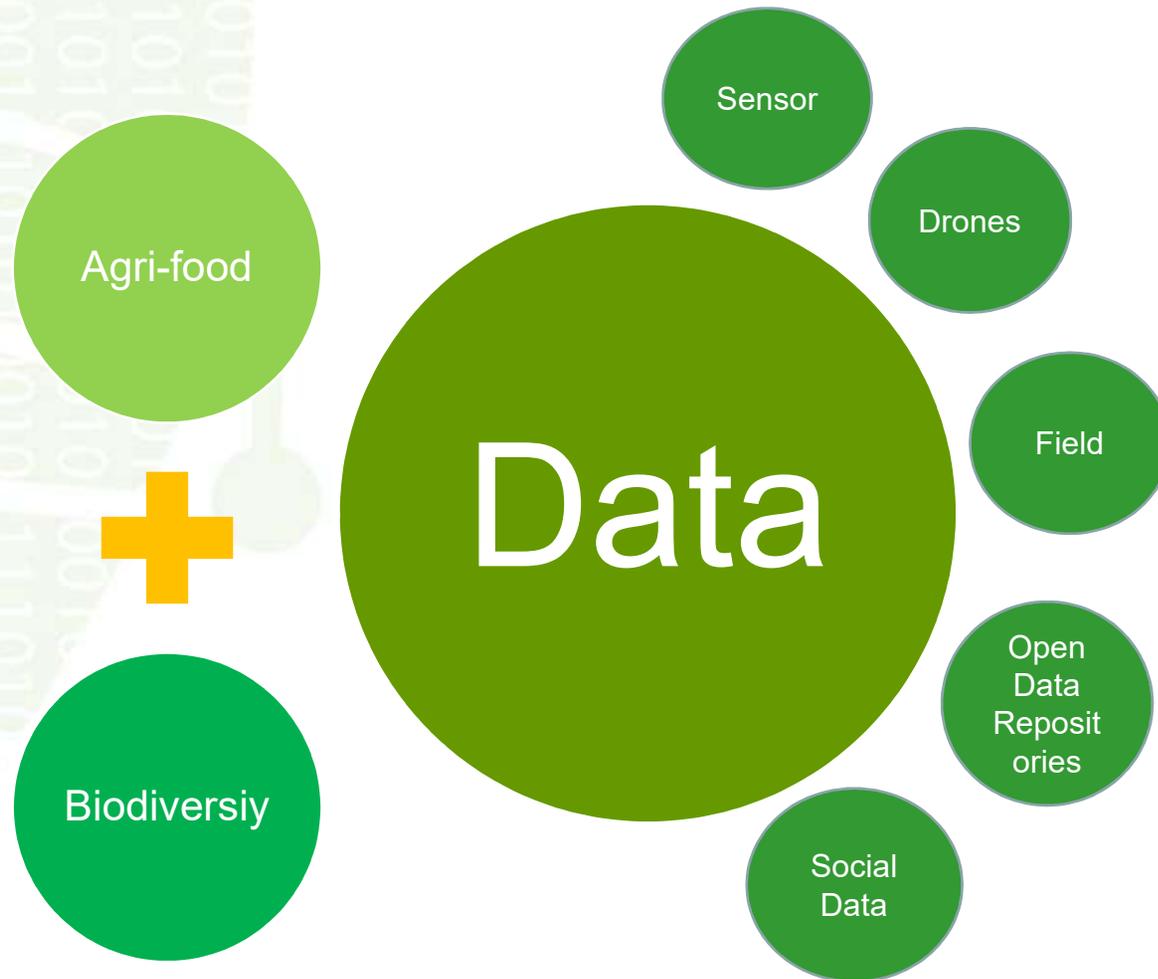
- **“Food scenario”** addressing the food chain by bringing more transparency in the processes related to the production, distribution and consumption of quality food.

# CAPSELLA Pilots

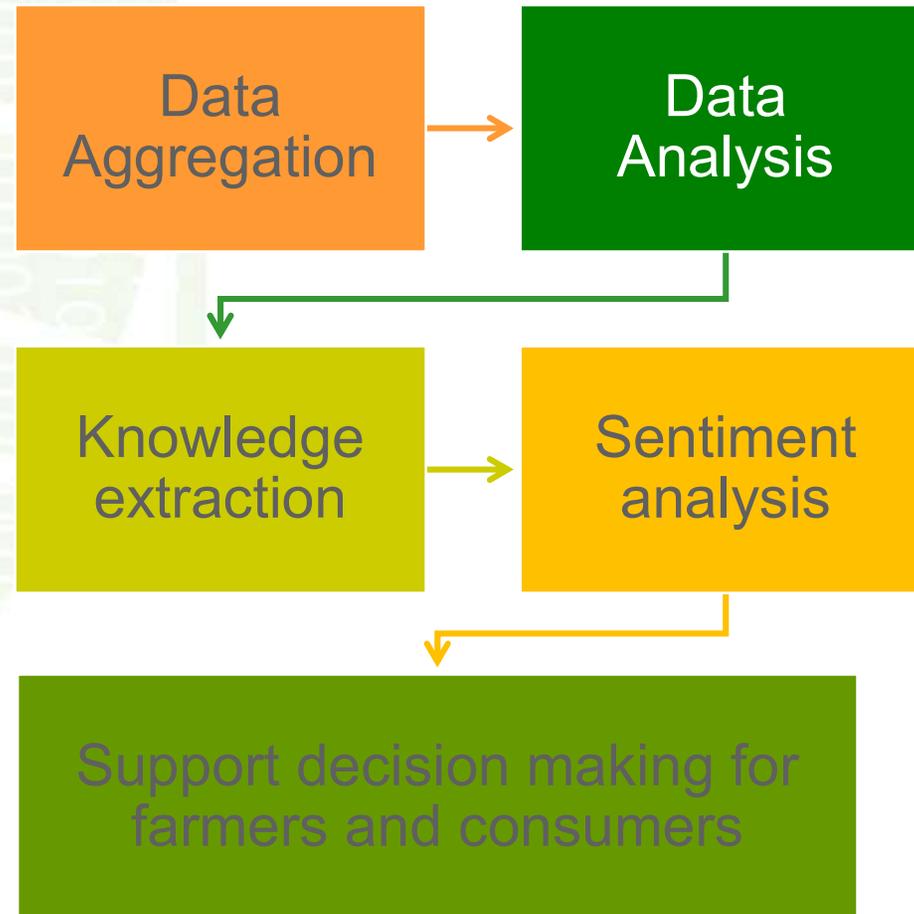
Small scale experimental trials with real users that will represent the targeted communities



# Data from and to the Communities



# CAPSELLA Platform



## Talking with the taxman about poetry

- How to talk with farmers about data?
- How to make them aware that they own data?
- How to collect the data?
- How to make the ‘digested’ data available to farmers?

# CAPSELLA approach

On site

- Direct on-farm liaisons with farmers
- Liaison with farmer networks and associations

On line

- Community mapping
- Questionnaire

In meetings

- Open Training days
- Workshops

# CAPSELLA 1<sup>st</sup> Workshop

- May 30th and 31st
- Floriddia Organic Farm & SIAF, Volterra, Italy
- Presentations, Practical field session, round table discussions, parallel groups
- Farmers, Farmers Networks, Consumers Networks, Biodiversity, Agri-food and Data Experts, Researchers, EU projects
- Contact: [workshop.capsella@sssup.it](mailto:workshop.capsella@sssup.it)



# Project Facts

- **Starting Date:** January 2016
- **Duration:** 30 months
- **Grant Agreement No.:** 688813
- **Topic:** ICT-10-2015 Collective Awareness Platforms for Sustainability and Social Innovation
- **Consortium:**
  - ATHENA Research and Innovation Center in Information Communication & Knowledge Technologies, Greece (Project Coordinator)
  - Scuola Superiore di Studi Universitari e di Perfezionamento Sant' Anna, Italy
  - Aston University, United Kingdom
  - Agroknow, Belgium
  - Rete Semi Rurali, Italy
  - Zephyr srl, Italy
  - We Deliver Taste s.r.o., Czech Republic
  - Zuidelijke Land- en Tuinbouworganisatie, Netherlands





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