

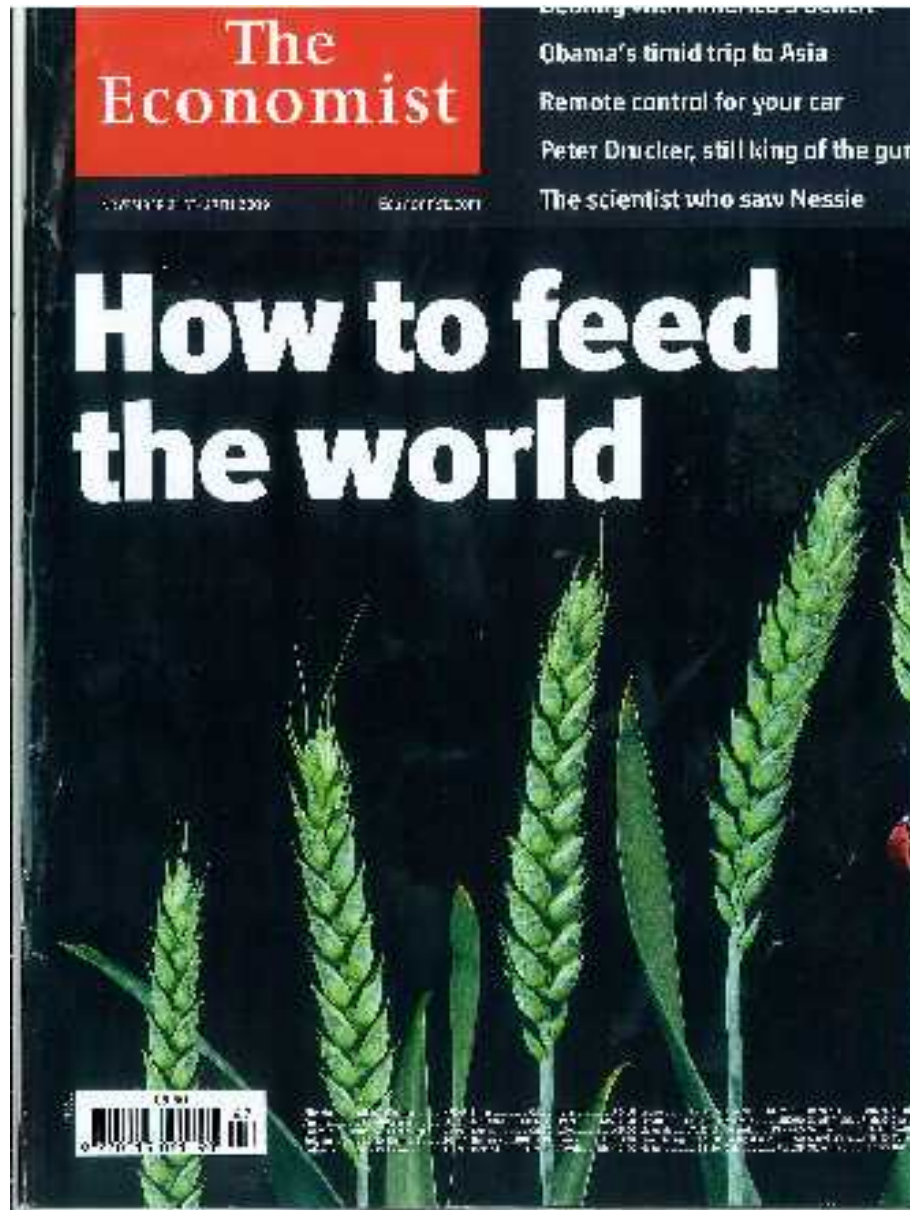
# **COST Exploratory Workshop**

## **Low Input/Organic Agriculture: The Farm of Tomorrow?**

*Albino Maggio*  
**COST**

*Brussels, 30 November 2009*

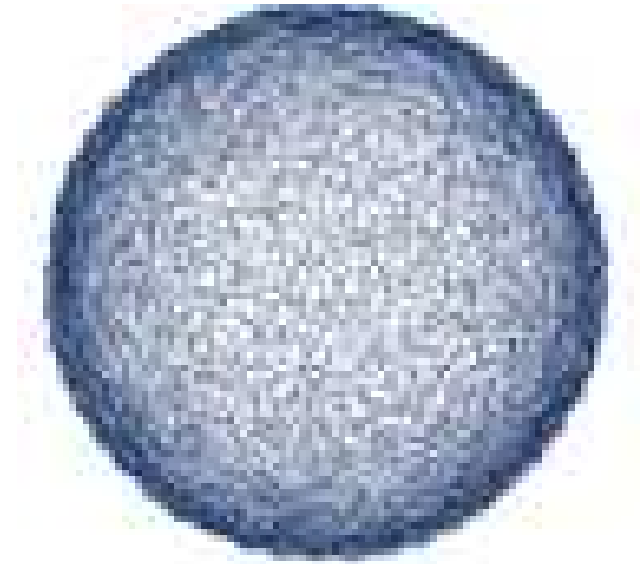
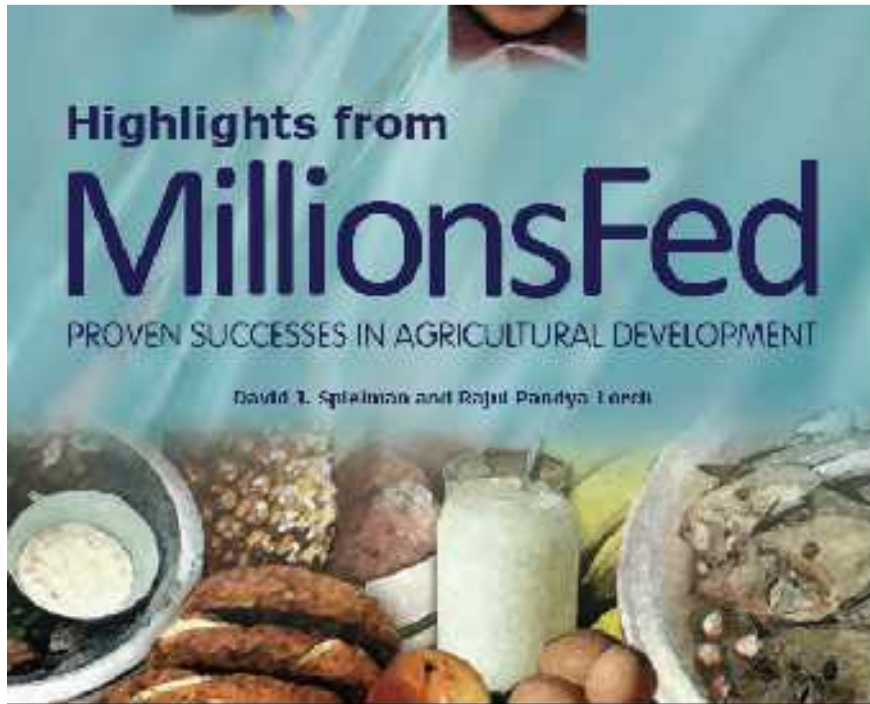




PREVIEW • Launch November 2009

In the 1950s about one third of the World population were estimated to go hungry every day

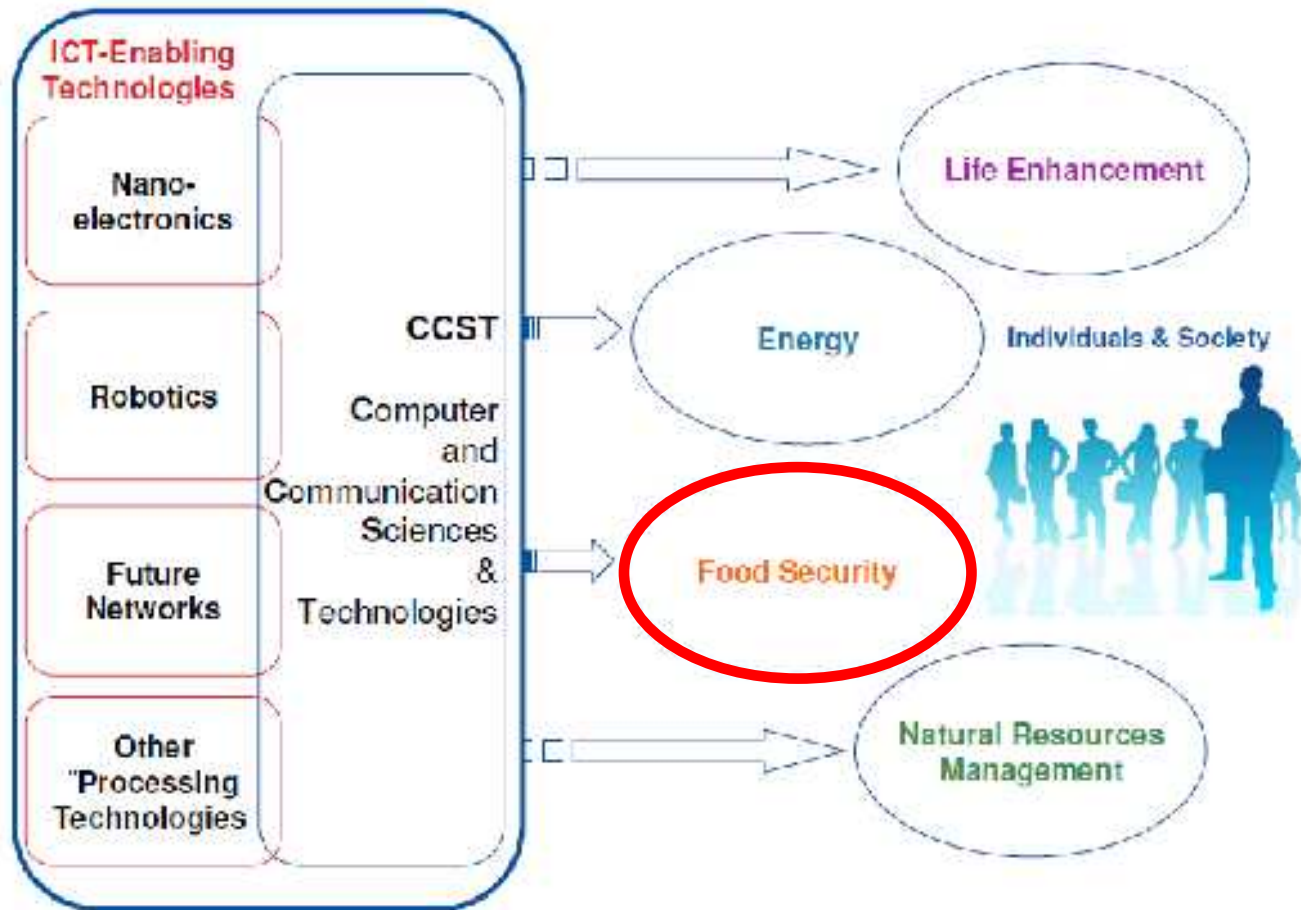
**Today only one sixth**



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DEC 7-DEC 18  
2009

# COST Foresight 2030



# Food Security

## An Event of the COST Foresight 2030 Series

30 June to 2 July 2009, Brugge/Bruges, Belgium

### COST Foresight 2030

- A COST (European Cooperation in Science and Technology) initiative designed to explore a broadly shared vision for a future world beyond 2030 permeated and shaped by the Digital Revolution
- Will encompass a series of events presenting long-term perspectives in the following selected fields: **Computer and Communication Sciences and Technologies (CCST), Life Enhancement, Energy, Food Security, Natural Resources Management and Organisation of European Society**

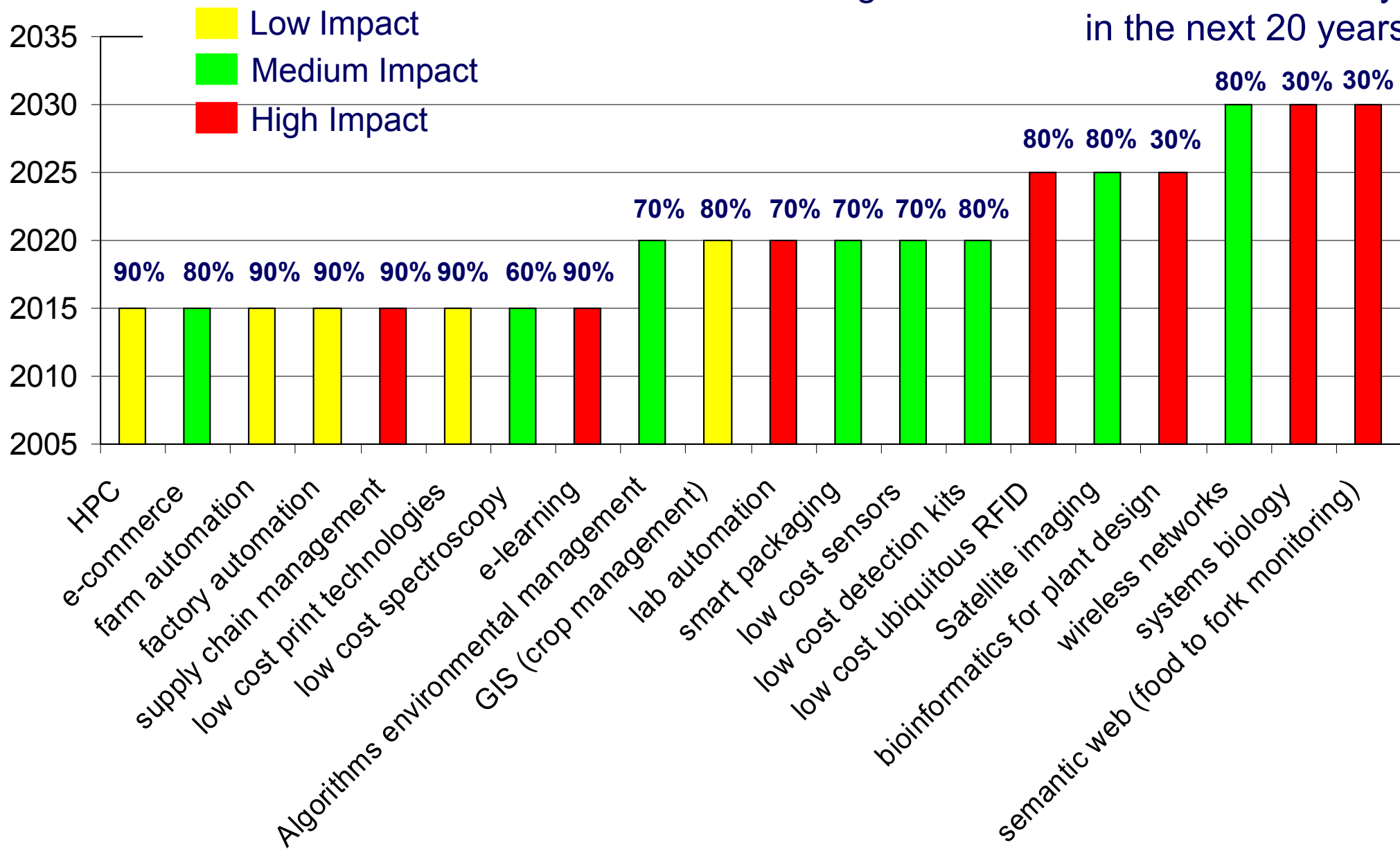
### Workshop Objectives

- Identify major trends and driving factors, and challenges resulting from them for a) Food Availability; b) Food Accessibility; c) Food Safety until 2030.
- Define potential future scenarios in Food Security focusing on a) Developed Countries – Europe in a globalised world and b) Developing Countries.
- Identify key ICT-CCST technologies in which we should invest to reach food security in 2030

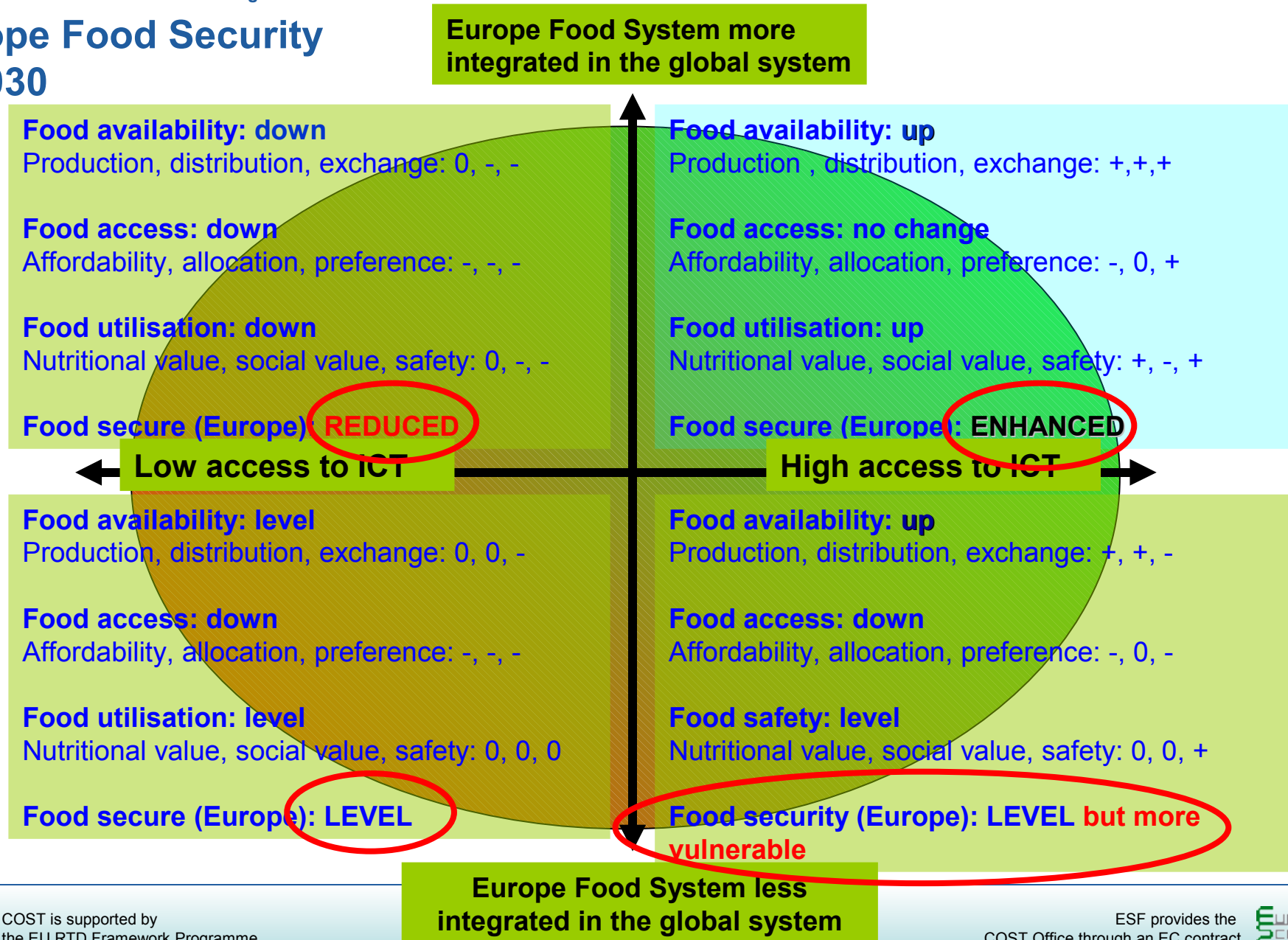


The screenshot shows the website for the 'International Foresight Workshop – By Invitation Only' on 'Food Security'. It includes the event dates (30 June to 2 July 2009, Brugge/Bruges, Belgium) and a list of participants from various countries including France, Germany, the UK, Spain, and Belgium. The website also features a 'Workshop Objectives' section with three main points: identifying trends and challenges, defining future scenarios, and identifying key technologies for investment.

## Technologies that will affect Food Security in the next 20 years



# Europe Food Security in 2030



# Food and Food Related Products That Are Imported From China

<b>Alcohol</b>	<b>Flour &amp; Preparation</b>	<b>Seed for Sowing</b>
<b>Animal Byproducts</b>	<b>Flower &amp; Gardening Plant</b>	<b>Snack</b>
<b>Aquatic &amp; Preparation</b>	<b>Fodder, Feed &amp; Additive</b>	<b>Spice</b>
<b>Bean &amp; Preparation</b>	<b>Food Additive</b>	<b>Starch</b>
<b>Beverage</b>	<b>Food Stocks</b>	<b>Sugar &amp; Confection</b>
<b>Canned Food</b>	<b>Frozen Food</b>	<b>Tea &amp; Tea Leaf</b>
<b>Cereal</b>	<b>Fruit &amp; Melon</b>	<b>Vegetable &amp; Preparation</b>
<b>Cigarette &amp; Tobacco</b>	<b>Health Food</b>	<b>Cabbage &amp; Broccoli</b>
<b>Cocoa, Coffee &amp; Preparation</b>	<b>Honey Products</b>	<b>Carrot &amp; Radish</b>
<b>Condiment &amp; Seasoning</b>	<b>Infant Food</b>	<b>Chili &amp; Pepper</b>
<b>Dairy Products</b>	<b>Instant Food</b>	<b>Garlic</b>
<b>Econ-valuable Vegetable</b>	<b>Meat &amp; Preparation</b>	<b>Ginger</b>
<b>Edible Fungus &amp; Algae</b>	<b>Native Products</b>	<b>Onion</b>
<b>Egg &amp; Preparation</b>	<b>New-type Food</b>	<b>Other Vegetables</b>
<b>Fat &amp; Oil</b>	<b>Nut &amp; Seed</b>	<b>Potato</b>
<b>Fertilizers</b>	<b>Other Agriculture</b>	<b>Tomato</b>
	<b>Poultry, Livestock</b>	

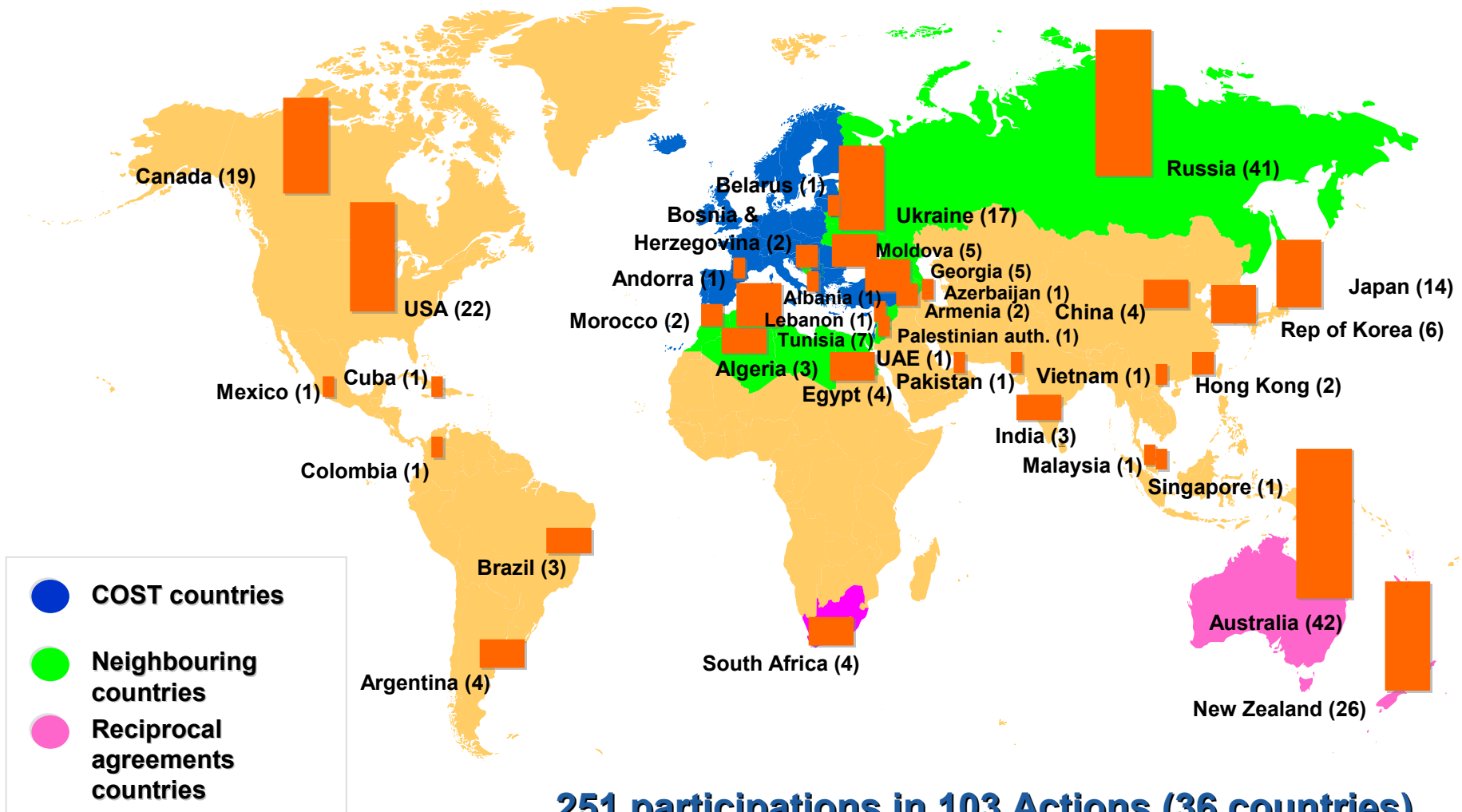
## The COST mission

**Strengthen Europe in scientific and technological research for peaceful purposes through the support of cooperation and interaction between European researchers**

**The COST programme, based on an inter-governmental agreement, is a long-running, economical and highly successful way to spread awareness and build networks between Europe's researchers.**

**It reflects the human dimension of science, helping researchers to share not only the results of their work but also their aims and methods.**

# May 2009



**251 participations in 103 Actions (36 countries)**

# **Low Input/Organic Agriculture: The Farm of Tomorrow?**

## **How a European Research Network may facilitate progress in this field**

# Acknowledgements

## F&A Domain Committee

Jose Pueyo

Peter Raspor

John Williams

Antonella Baldi

*Speakers*

*Experts*

*Rapporteurs*

*Participants*

## COST

Ioanna Stavridou

Zuzana Vercinska

*Thank you*

[www.cost.esf.org](http://www.cost.esf.org)