

# S&T Research and Innovation Consortium for the Agrofood Industry

## TECNOALIMENTI

The members account for about 12% of food sales in Italy. Leaders in Italy since over 35 years.



MILANO 2015  
1 MAY • 31 OCTOBER  
FEEDING THE PLANET  
ENERGY FOR LIFE



# Strategies

## Needs

- to **guarantee** food products against counterfeit, fraud and voluntary contamination (food defence)
- to establish a better relationship of **trust** with the consumers

## Future scenarios

- New digital technologies are becoming **pervasive** (IoT)
- Food manufacturers need to **redesign** their information systems



## Food defence

- To apply the **blockchain** to limit fraud and prevent intentional contamination
- **Cyber-security** in the food chain
- Advanced **anti-tempering** solutions

## Counterfeit and fraud

- Technologies to **authenticate** food products

# Authentication with metamerick Inks

- Metamerick inks allow to hide patterns invisible to the human eye but not to smartphones
- They integrate well with industrial packaging printing machines.





Raffaello Prugger  
Director general

[r.prugger@tecnoalimenti.com](mailto:r.prugger@tecnoalimenti.com)

[www.tecnoalimenti.com](http://www.tecnoalimenti.com)