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SIFOOD

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# SIFooD

## Science & Innovation Food District

*Varese, 14 giugno 2013*



NUMBER	PARTNER
1	Whirlpool R&D S.r.l.
2	UL International Italia S.r.l. (IISG S.r.l.)
3	REPLY S.p.A
4	MENFI Industria S.p.A
5	MPE S.p.A
6	NANOSURFACES S.r.l
7	MOX OFF S.r.l.
8	FAR.CO.S. S.r.l
9	GHELFI ONDULATI S.p.A
10	HAPPY CHILD S.r.l.
11	CIMPLASTA
12	LIUC (Carlo Cattaneo University)
13	INSTM (Consortium of 45 Italian Universities focused on Material Science and Technology)
14	FONDAZIONE BANCA DEL MONTE DI LOMBARDIA
15	UNIVA
16	CAMERA DI COMMERCIO DI VARESE

Fondata nel 2012 l'associazione SiFOOD aggrega 16 soggetti attorno ai temi della tracciabilità del cibo per ridurre **gli sprechi alimentari e di packaging lungo tutta la filiera**

*Innovazione*  
*Condivisione di conoscenze*  
*Opportunità di business,*  
*collaborazione tra imprese*  
*in un'ottica di rete, formazione e*  
*occupazione all'interno del sistema*  
*economico regionale e nazionale.*

# TEMI DI INTERESSE

## Tematiche specifiche

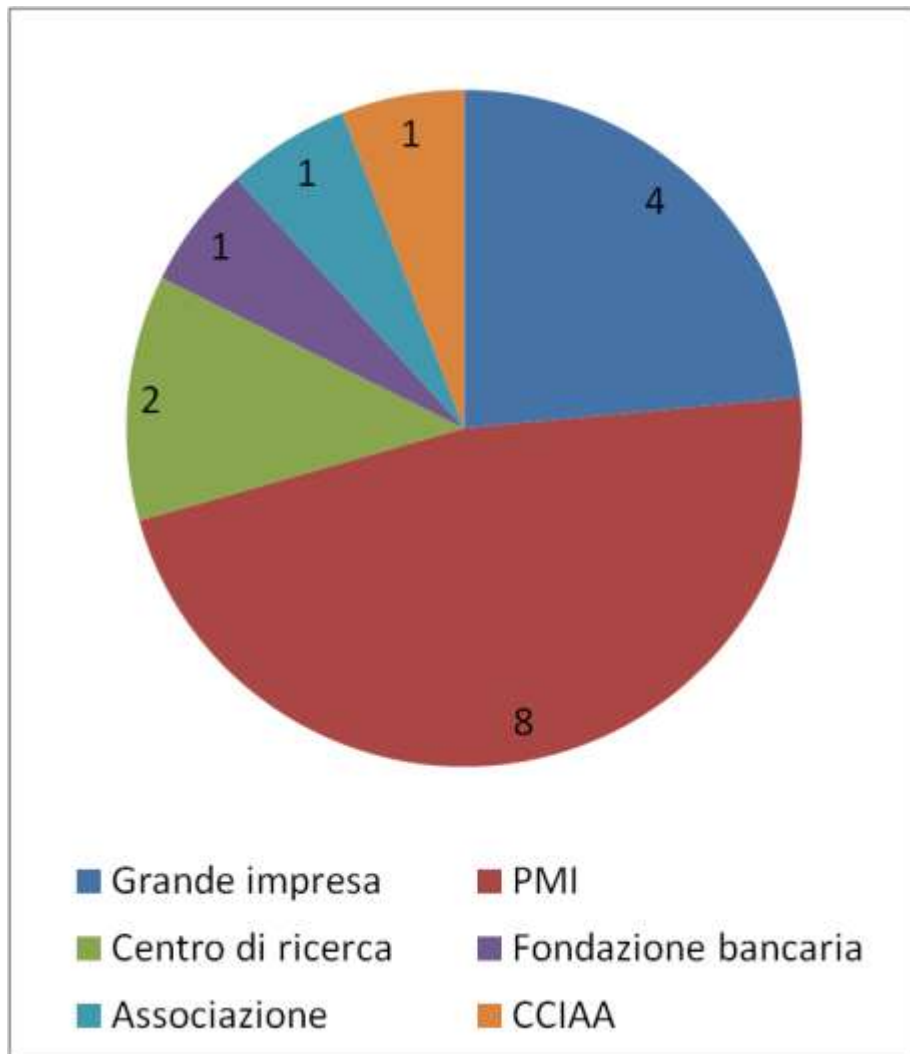
- Riduzione degli sprechi alimentari e di packaging
- Sostenibilità del ciclo di vita dei prodotti alimentari
- Efficientamento della catena alimentare
- Food safety declinata su tutta la catena alimentare

## Tematiche trasversali

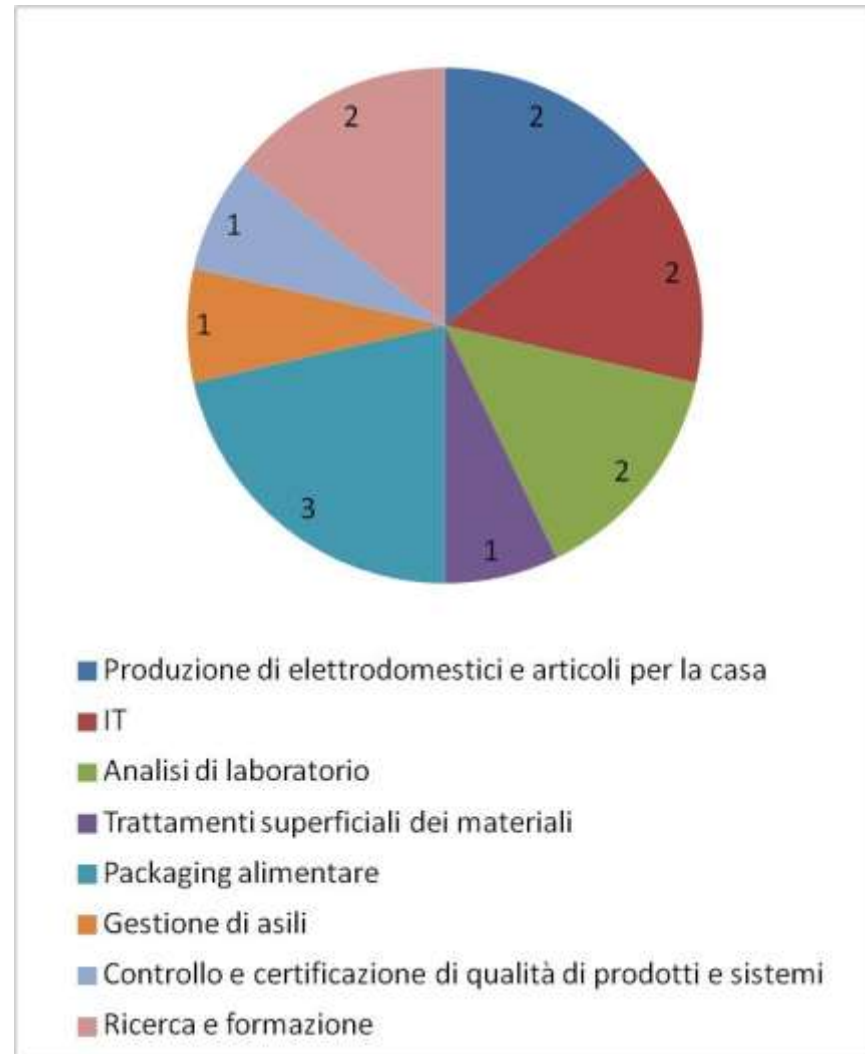
- Packaging attivo e strategie di conservazione
- Tecnologie di conservazione e preparazione innovative

## Tecnologie abilitanti di natura pervasiva

- Nuovi materiali e nanotecnologie
- ICT
- Sensoristica avanzata
- Food science



*Tutti gli associati.*



*Tutti gli associati ad esclusione di UNIVA, CAMERA DI COMMERCIO e FONDAZIONE BANCA DEL MONTE DI LOMBARDIA.*

# SIFOOD MAPPATURACOMPETENZE E GAPS ANALYSIS



PARTNERS BY CORE BUSINESS	RESEARCH AREAS / COMPETENCIES					
Manufacture of home appliances and household articles	Food processing	Connectivity	Materials and nanotechnology	Radio frequency	Thermal management	Vacuum food storage
IT consulting	Multiphysics modeling	Simulation driven design	Process and software optimization	Multiscale and reduced basis modeling	Agri-food traceability	Data Mining
Research and training	Food management	RFID	Transport/ logistics	Advanced mechanics	Systems for processing, transmission, storage at information	
Treatments for nanostructured surfaces	Biomimetic treatments	Nanotechnology	Antibacterial treatments	Sol-gel		
Design and manufacture of food packages	Plastic molding for food packages	Testing on plastic packaging (barrier effect, reduced thickness, pasteurization)	Manufacture of paper packages for food	Antibacterial treatments		
Lab analysis	Microbiological analyzes	Chemical analyzes	Safety and efficacy of nutritional supplements and ingredients			
Quality control and certification of products and systems	Development of innovative techniques of analysis for food sector	Chemical and microbiological analysis of food	Electrical measurements			
Management of nurseries	Research in educational	Science of nutrition and wellness food for infants				

Treaceability/ connectivity

Food modeling

Food preservation/ processing

Sensors for food

Smart materials for food packaging

Experimantal/ validation/ test

Food distribution

Food manufacturer

