The VII Framework Program and the Technology Platforms

The Experience of Bologna University

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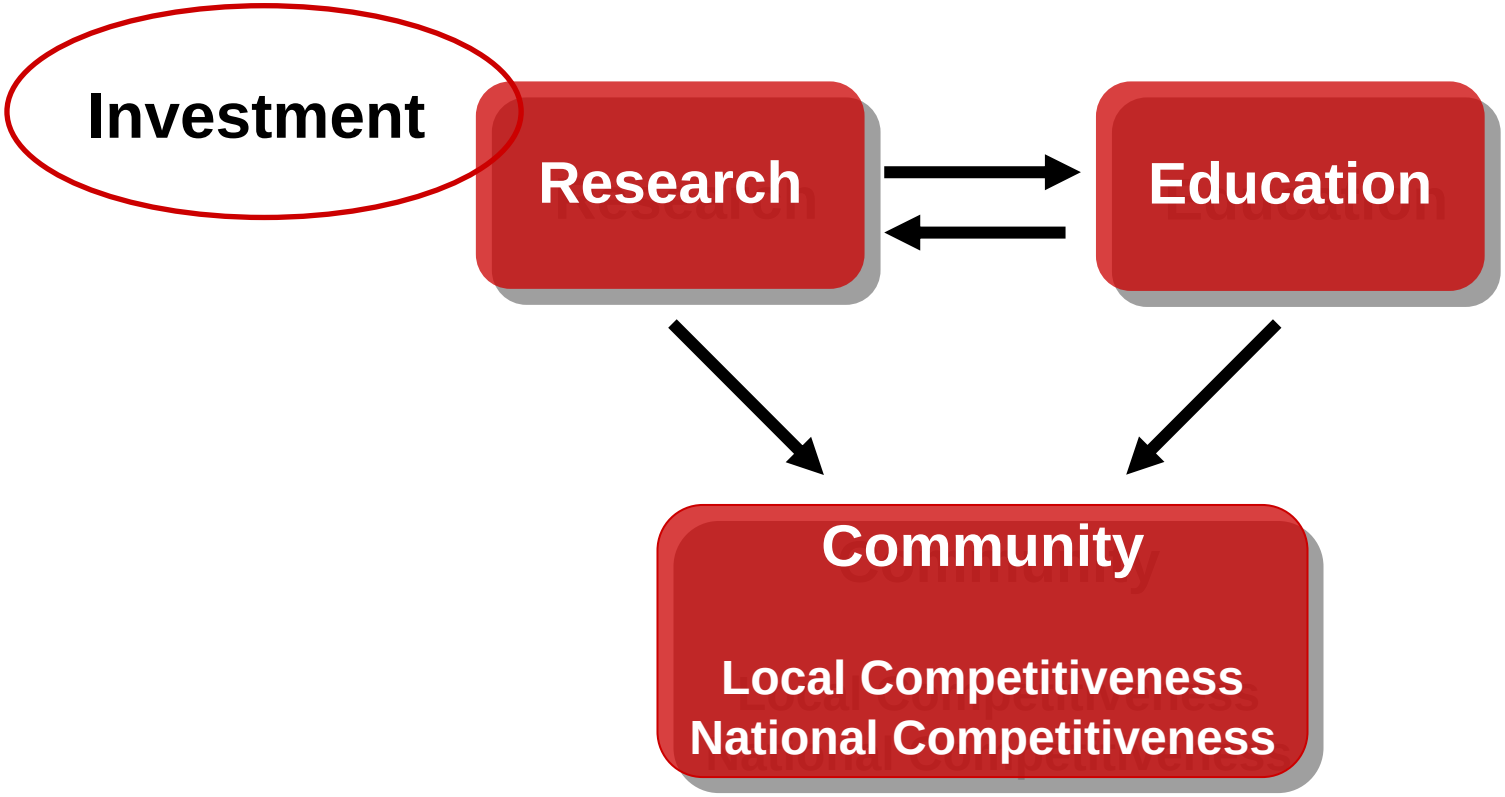
Rome, 5th July 2006

Objective

To build up an University Research System (Sistema di Ricerca d'Ateneo, SRA) in order to enable the researchers to exploit day by day in the most efficient way the opportunities of funds and, therefore, the Research would become the main competitive factor of our University at the international level.

by the "University Research System"

Our aim

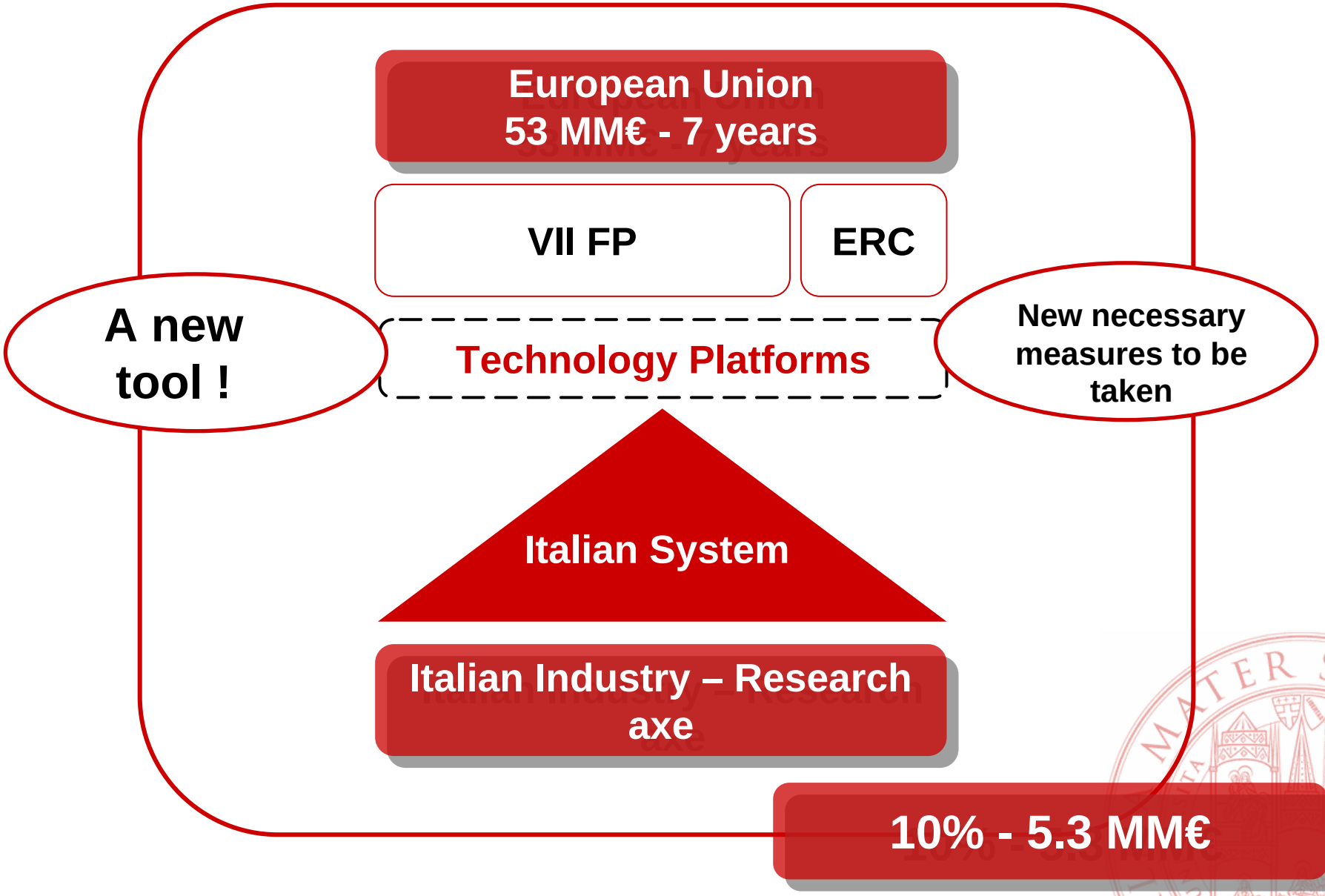

Investment
Research
Education
Community
Local Competitiveness
National Competitiveness

Our commitment for the VII FP

Approaching the VII FP:

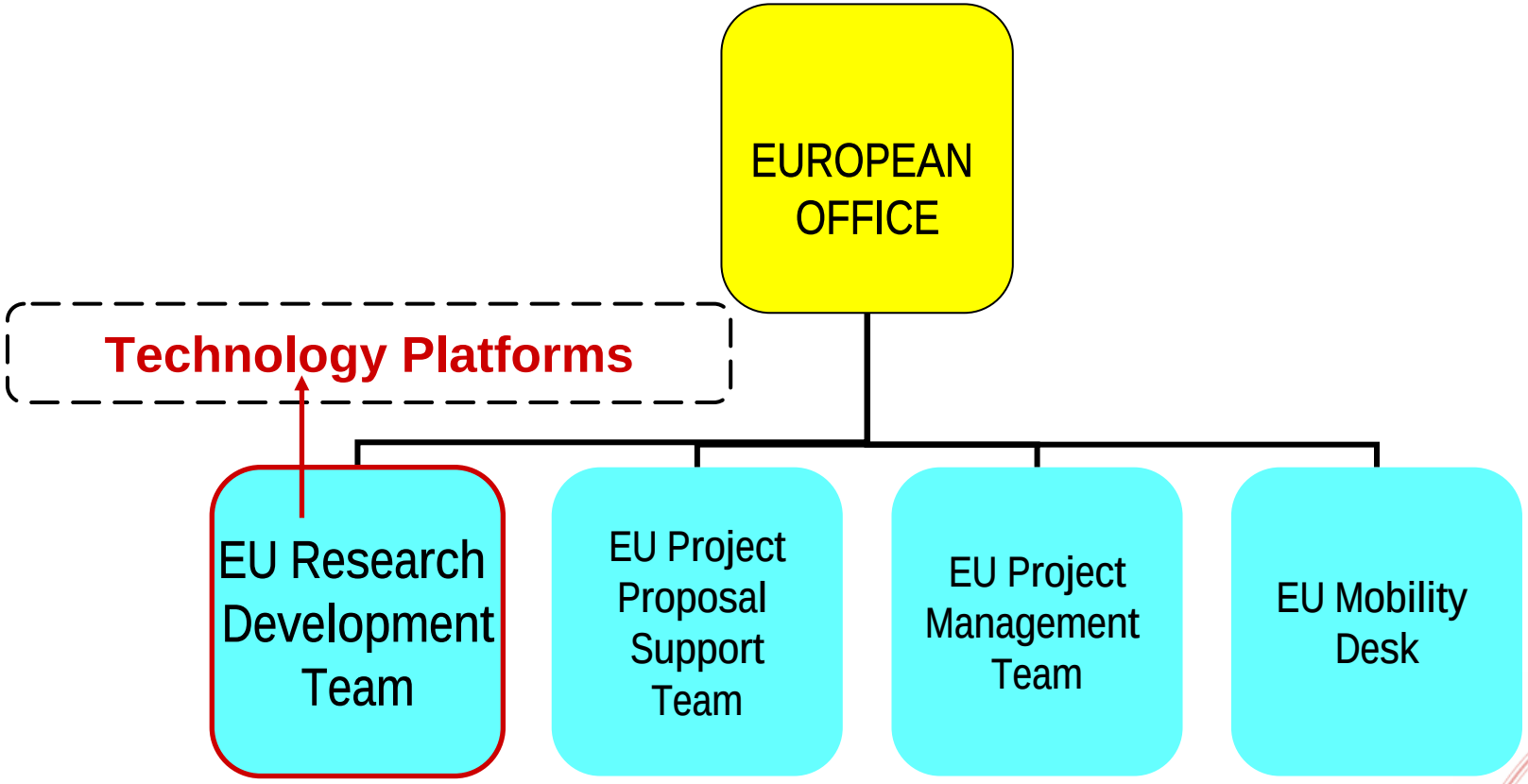
- Important investment (!): **0,75 milions of Euros**
- **8 (10) PhD** distributed over 8 macroareas (European Research Development Team)
- An intensive 18 month–long program
- **Pro- active collaboration with 28/34** European Technology Platforms

Our vision of the VII FP



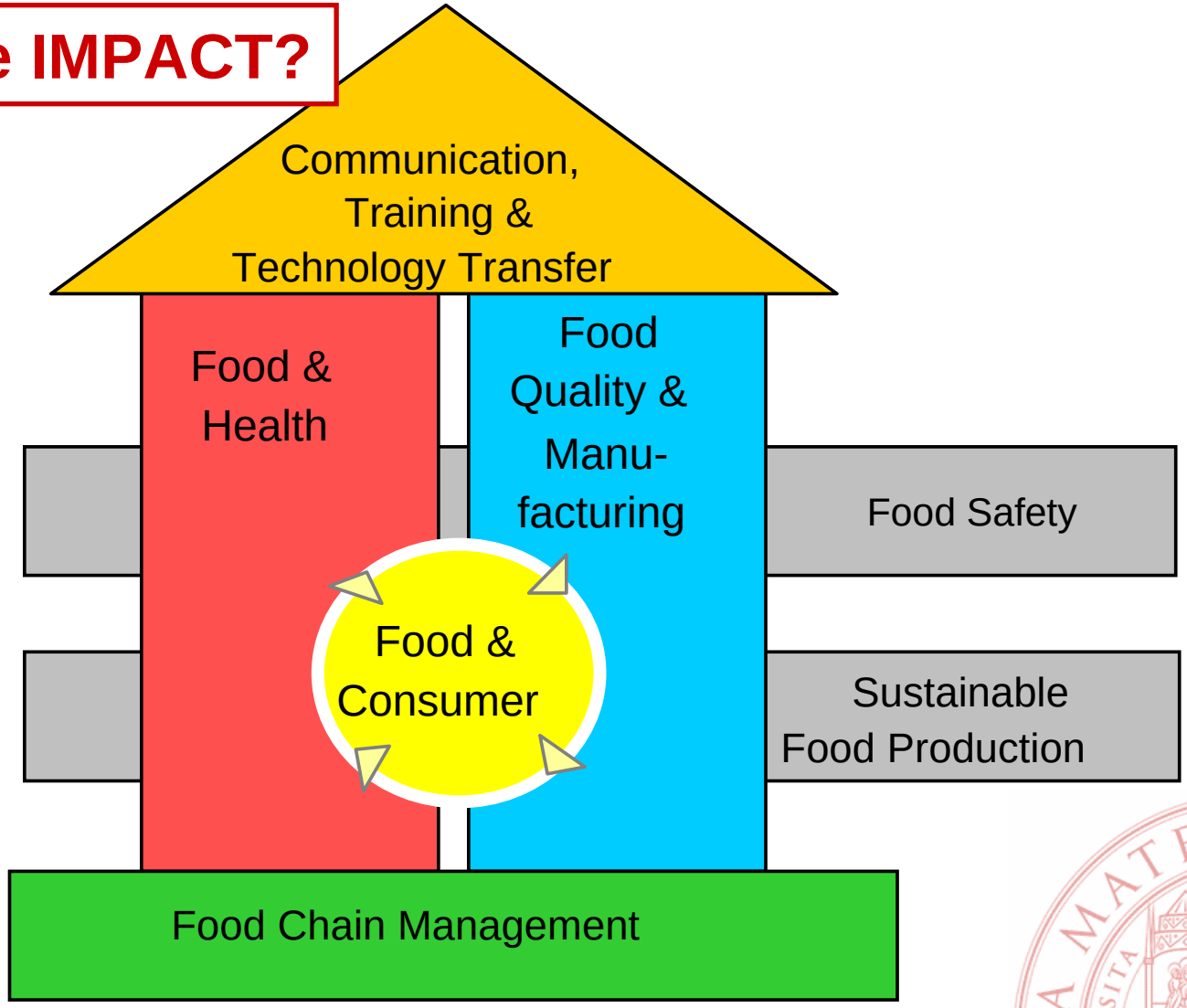
The Research Area: The European Office

The organization & Structure



European Technology Platform Food for Life

WHAT's the IMPACT?



Co-operation in Food For Life: 7 potential related-Themes over 9

- ✓ *Health* *(food and health!)*
- ✓ **Food, agriculture and biotechnology**
- ✓ *ICT* *(innovative labelling!)*
- ✓ *Nano, Materials, *new Production Technologies** *(intelligent packaging!)*
- ✓ *Energy* *(bio- energy by food recycling/ by-products/ waste/ agriculture surplus)*
- ✓ *Environment* *(environmentally - friend & sustainability)*
- ✓ Transport (including aeronautics)
- ✓ *Socio-economic sciences* *(food and consumers!)* and humanities
- ✓ Security and space research

LEGEND: * themes potential related to some aspects (reported between brackets) of Food For Life*

Our participation to the FAB – TPs

1. **SusChem**
   - IT- SusChem National Coordinator & EU-SusChem 4/4 Working Groups
2. **Plants for the Future**
   - Inputs to SRA & 25 pre-proposals for Working programme of I & II calls
3. **Forestry and forest-based industries**
   - National Support Group (inputs to SRA)
4. **Global animal health**
   - Inputs to SRA
5. **Farm animal breeding**
   - Endorsement of the Vision & SRA Stakeholders
6. **Water supply and sanitation**
   - Inputs to SRA
7. **Food for life**
   - EU: Inputs to SRA & participation to 8/8 Working Groups in Brussels
   - IT: Promoter Committee & National Consultation

Food For Life & Unibo: Steps of the project (1)

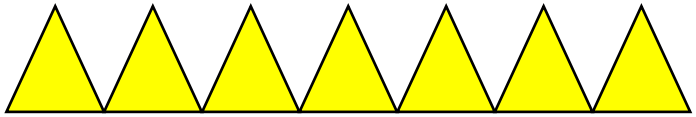
- ✓ **Dissemination of the Vision document (stage 1- June 2005) to communicate:**
  - Shared Vision
  - Key Challenges
  - Strategic Objectives
- ✓ **Mobilise research groups** to participate in the EU process by the **EU Research Development Team (stage 2- September 2005)**
- ✓ **Organise** the research groups of different departments and faculties in the **7 pillars** of Food For Life
- ✓ **Identification** of the pillar **coordinators**

(2) Bottom-up Organization of Bologna University into the *Food For Life TP*

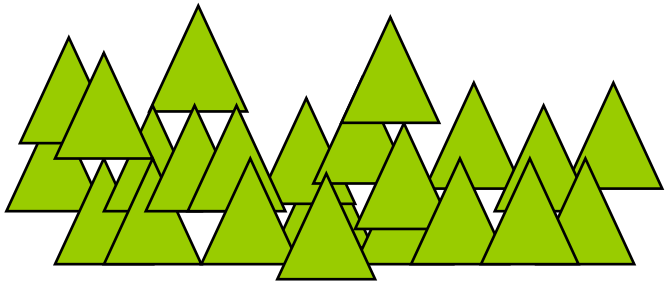
Prof. G. Cantelli Forti (European Food For Life)

Prof. A. Franchini (Italian Food For Life)

1 COORDINATOR per pillar



Food and Health
Food Safety
Food Quality and Manu-facturing
Sustainable Food Production
Food and Consumer
Food Chain Mana-gement
Communication, Training, Technology Transfer



~ 60 UniBo research groups distributed into the 7 pillars

More than 500 Researchers

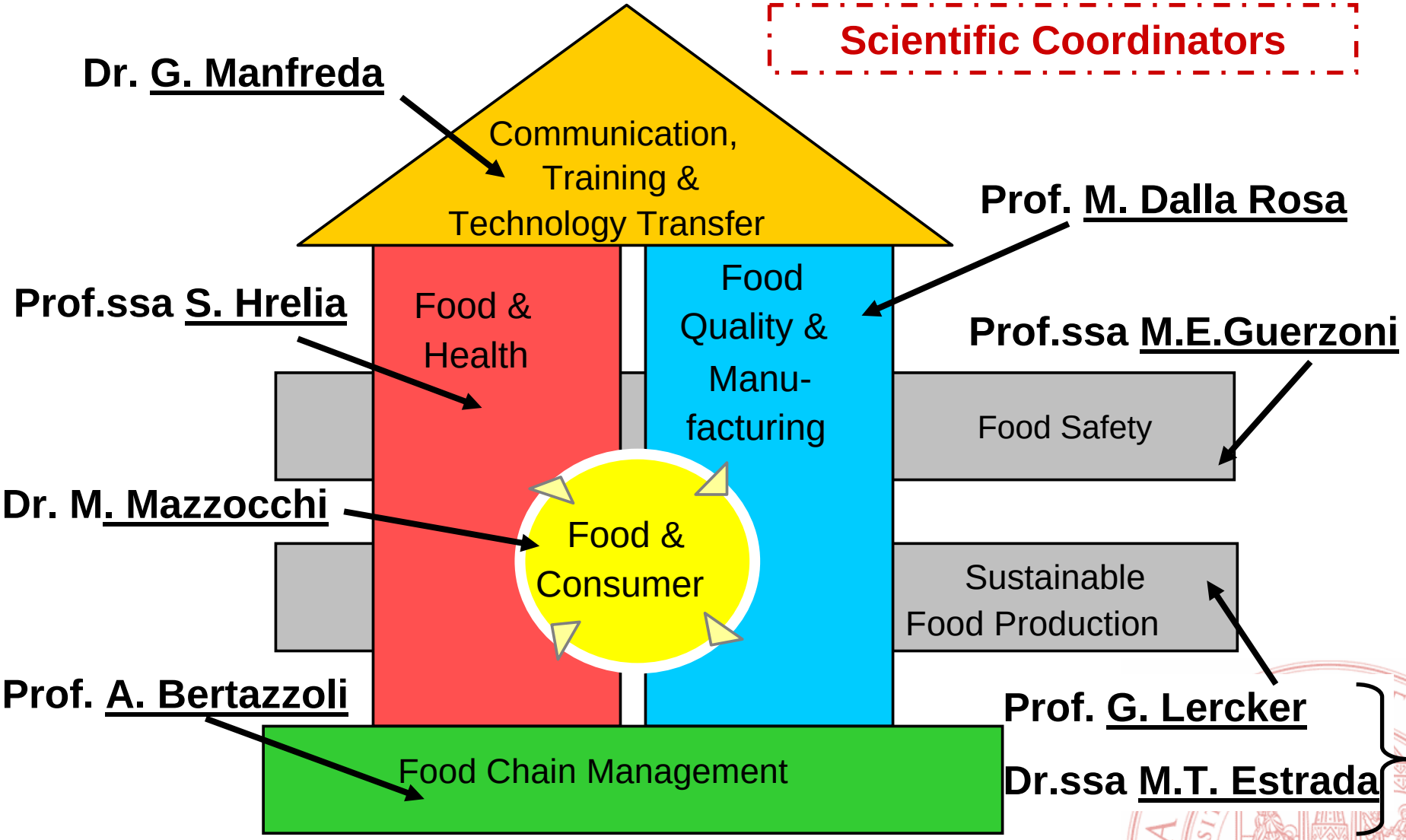
(including young ones!)

Marco Degani
European Office
&
Alessia Di Sandro
Life Science Technology Platforms

- COORDINATION OF RESEARCH GROUPS
- EXPERTISE ORGANIZATION
- CONTACTS WITH ETPs
- COLLECTION OF SRA FEEDBACKS
- VISION DOC. NATIONAL CONSULTATION

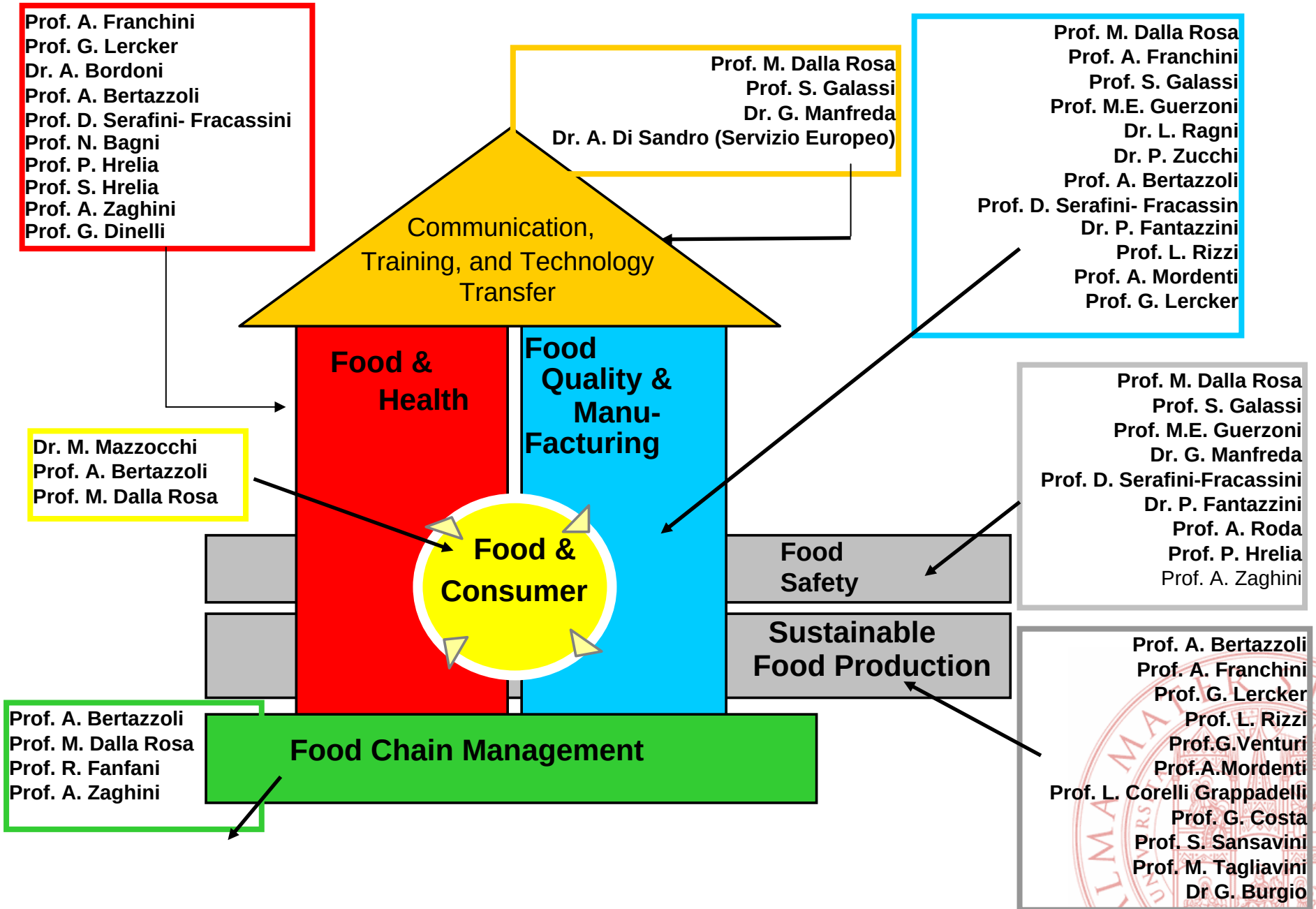
(3) European Technology Platform Food for Life

Scientific Coordinators



Organization by: Dr.ssa A. Di Sandro & Dr. M. Degani (European Office)

(4) Expertises of Bologna University into *Food For Life TP*



Food For Life & Unibo: Steps of the project (5)

- ✓ **Dissemination of the Strategic Research Agenda (stage 2- end January 2006) to:**
  - Inform on topics important for the VII FP
  - Organize the research groups according to SRA
- ✓ **25 January - 1 February 2006**: Collection of UniBo feedbacks to the SRA
- ✓ 2 February 2006: Participation (17 delegates Unibo / ~ < 200 EU participants) to the **SRA public discussion** (Brussels)

CIAA

Confédération des industries agro-alimentaires de l'UE
Confederation of the food and drink industries of the EU

02 February 2006
Parallel sessions

(6) European Technology Platform on Food for Life - Stakeholders meeting

1. **Food & Health**
2. **Food Quality & Manufacturing**
3. **Food & consumer**
4. **Food Safety**
5. **Sustainable Food Production**
6. **Food Chain Management**
7. **Horizontal Issues**
8. **Communication, Training & Technology Transfer**

02 February 2006
UniBo Participant list
> 2 delegates/ Pillar

1. Prof. Versari Andrea
2. Prof. Achille Franchini
3. Dr. Mario Mazzocchi
4. Prof. Giorgio Cantelli Forti
5. Dr. Annalisa Tassoni
6. Prof. Laura Rizzi
7. Prof. Silvana Hrelia
8. Dr. Stefano Tartarini
9. Dr. Alessia Di Sandro
10. Dr. Alessandra Bordoni
11. Prof. Maurizio Canavari
12. Prof. Marco Dalla Rosa
13. Prof. M. Elisabetta Guerzoni
14. Prof. Donatella Serafini- Fracassini
15. Prof. Gerardo Manfreda
16. Dr. Maria Rodriguez
17. Dr. Marco Degani

FEDERALIMENTARE- UNIBO: a NEW collaboration!

- ✓ Positive evaluation of the UniBo's participation & contribution in the Food For Life ETP by FEDERALIMENTARE
- ✓ Necessity of a **National Consultation** around the European SRA
- ✓ Collaboration to ***jointly disseminate the SRA*** in Italy to Industries & Universities/ Research Institutions
- ✓ Extension of the collaboration to **CRUI** (Conference of Rectors of Italian Universities) for a transparent and global involvement of all the Italian Universities /research units
- ✓ Collection of national feedbacks to the **Italian Vision Document** through FEDERALIMENTARE and CRUI web sites

Steps leading to TODAY's meeting….

European Technology Platform
Food for Life

Meeting of the National Technology Platform of the Italian Food Industry

Rome, July 5th 2006

Italian Food For Life Technology Platform: Process Phases (1)

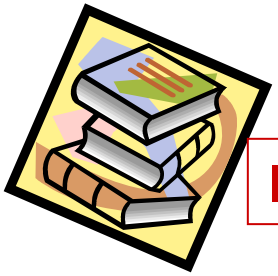
- ✓ **Ist Meeting for an "*Italian Food for Life*" Technology Platform**
  - **WHEN: 28th March 2006**
  - **WHERE: Bologna University (Rettorato, Sala VIII Centenario)**
  - **WHO: Promoter Committee: 22 participants**
  - **WHY: Planning of future organisation & National involvement**

- ✓ **2nd Meeting for the"*Italian Vision Document"* preparation**
  - **WHEN: 27th April 2006**
  - **WHERE: Bologna University (Aula Magna- CAAB, Facoltà Agraria)**
  - **WHO: Participants: ~ 90 national delegates**
  - **WHY: Discussion on EU SRA (draft n.2 – 24 April 2006) to identify research & industry Italian Priorities for the VII FP**

Leading to…..

Process Phases (2)

- Ist National Consultation around the Italian Vision Document via FEDERALIMENTARE and CRUI web sites (closure date: 16th June 2006)



Italian Vision Document

- Multiple inputs (~50) have integrated the 1st draft of the **Italian Vision Document** (originally produced by the discussion in 7 working groups held in Bologna, on April 27th 2006)

- **Meeting of the National Technology Platform of the Italian Food Industry (Rome, July 5th 2006)**

- **Bologna University, September 18th 2006: Launch of the ITALIAN Food For Life Technology Platform**

Our expectations:

- ✓ To **share** our effort with all the other Universities and research centers active in the Food- sector
- ✓ A significant interest and **activation** by other universities might lead to define in a more punctual way the research challenges aimed by the Italian Food For Life TP
- ✓ A **stronger Italian participation** among the EU Stakeholders might boost the **visibility** of the Italian expertise in the Food sector also at international level

Our Suggestions:

- ✓ A most pronounced **involvement** of universities and research centers
- ✓ Higher attention should be paid to the **priority needs of the Italian Food Industry**
- ✓ A prompt reply by the Italian researchers aimed at focusing their efforts on those **research challenges of difficult realization by the food industry** (not necessarily basic research)
- ✓ In particular industry is asking to all the food-committed researchers to address their research efforts towards those **technological & scientific challenges supporting the economic & production development of the Italian industry**

Thanks for your attention