



Alma Mater Studiorum - UNIVERSITÀ DI BOLOGNA

DEIAGRA – DIPARTIMENTO DI ECONOMIA E INGEGNERIA AGRARIE
Department of Agricultural Economics and Agricultural Engineering

DEIAGRA

DEPARTMENT OF
AGRICULTURAL ECONOMICS AND AGRICULTURAL ENGINEERING
REPORT 2000-2003

**AGRICULTURAL ECONOMICS AND AGRICULTURAL POLICY
SECTION**



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1. A research review

What follows is a description of the research conducted by the Agricultural Economics and Agricultural Policy Area of the Department.

The projects are divided into two groups: those which have already been completed and those which are still in progress. These two main groups are further divided into six research typologies, following the Journal of Economic Literature classification system.

The first group of projects concerns agricultural and natural resource economics. The subjects dealt with here range from the economic analysis of the multifunctional aspects of agricultural production, to rural land development, and to the economic aspects of agricultural and industrial relationships in the production of alternative energy sources (bio diesel) as well.

The second group of research projects concern agricultural law. These studies cover both the specific juridical aspects of agricultural production and marketing, and broader issues such as the EC agricultural and food policy regulation.

A survey of the research conducted in the industrial organization area focusing on firm competitiveness, agrifood chain agent economic integration, related food marketing issues, and agrifood product quality follow.

As can be noticed from the research projects listed below, over the years the sections of Faculties involved in the area of Agricultural Economics and Agricultural Policy studies have acquired valuable expertise in the areas of comparative analysis of economic systems and rural and regional economics, by conducting in-depth enquires into effects of agriculture on social stability and economic development, and the social and economic relationships between the agrifood systems of different Countries, with particular reference to the Central and East European region and the Balkans area, as well as the Mediterranean Basin.

Finally, a characterizing tendency to carry out joint research projects within the Department Sections, or with other Departments at home and abroad (Central and East European Countries, Southern Balkans, former Soviet Union, Western Europe, Latin America, United States) as well as with both private and public, national and international agencies – Italian Ministries, the European Commission (Joint Research Centre, Institute for Prospective Technological Studies), the Organisation for Cooperation and Economic Development (OECD), the Centre International de Hautes Etudes Agronomiques Méditerranéennes (CIHEAM), the Food and Agriculture Organisation (FAO).

2. Completed research

2.a) Agricultural economics and agricultural policy area – Agricultural and natural resource economics

2.1) Title: Strumenti di valorizzazione dell'attività agricola nei comuni di Rabbi e Pejo all'interno del Parco Nazionale dello Stelvio [Instruments for the development and sustainability of agriculture in the areas of Peio and Rabbi (Stelvio National Park)]

Reference period: 1999-2000

Research co-ordinator: Maurizio Sorbini

Research staff: Maurizio Sorbini, Cristian Caserotti

Aim and state of the research: Evaluation of the sustainability of agriculture in the Stelvio National Park. Analysis of the effects of national and regional regulations and of the Park instruments of regulations concerning agricultural activities in the same area. The research was carried out in three phases: 1) Socio-economic survey of agricultural activities and people employed in agriculture on the territory of the Stelvio National Park (Peio and Rabbi); 2) Survey and analysis of the instruments of regulations (EU, national and regional regulations) about agricultural activities in national Park areas; 3) Analysis of the impact of regulations on the sustainability of agriculture in the Stelvio National Park.

Collaborations, contracts, funds: Stelvio National Park funds (19.000€)

Related publications:

2.2) Title: La filiera del biodiesel [Biodiesel production chain]

Reference period: 2002

Research co-ordinator: Luigi Vannini

Research staff: Luigi Vannini, Maurizia Brunetti

Aim and state of the research: Test of feasibility on the biodiesel production chain

Collaborations, contracts, funds: Funds of Bologna Province (30.000€)

Related publications:

- 1) Luigi Vannini, Maurizia Brunetti: "Biodiesel: dall'agricoltura l'energia che si rinnova" [Biodiesel: from agriculture the renewing energy] in *Il Divulgatore* – Luglio-Agosto 2002;
- 2) Luigi Vannini "L'industrializzazione del biodiesel in Emilia-Romagna" [Biodiesel industrialization in Emilia-Romagna] rapporto per la Provincia di Bologna sulle potenzialità di sviluppo della filiera biodiesel in Emilia-Romagna

2.3) Title: Ienica (Interactive European Network for Industrial Crops and their Applications) report - Italy

Reference period: 2002

Research co-ordinator: Giampietro Venturi

Research staff: Luigi Vannini, Stefano Amaducci

Aim and state of the research: The research gives a general picture of Italian agriculture enhancing those factors that may affect the introduction and the spread of non food crops now or in the future. It also deals with those subjective factors capable of influencing the trends analysed.

Collaborations, contracts, funds: Ienica-Interactive European Network for Industrial Crops and their Applications (50.000€)

Related publications:

- 1) Luigi Vannini: "Non food production and research in the mediterranean countries" report from the state of Italy forming part of the Ienica Project

2.b) Agricultural economics and agricultural policy area – Agricultural law

2.4) Title: Natura giuridica delle cooperative agricole e loro consorzi [The juridical nature of agricultural cooperatives and of agricultural cooperative consortiums]

Reference period: 2000

Research co-ordinator: Giulio Sgarbanti

Research staff:

Aim and state of the research: The research focuses on issues related to the juridical status of agricultural cooperatives and of agricultural cooperative consortiums by looking into the relevant normative, doctrinal, and jurisprudential material available.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (2.000€)

Related publications:

- 1) Giulio Sgarbanti, “La qualificazione agraria di un consorzio, costituito in forma cooperativa tra cooperative agricole, per la tenuta della contabilità” [An agrarian cooperative consortium qualification for accounting purposes], Riv. dir. agr., LXXIX, parte II, n. 3, pp. 219-222 (2000)

2.5) Title: Il principio di sussidiarietà nel diritto agrario [The subsidiarity principle in Agricultural Law]

Reference period: 2001

Research co-ordinator: Giulio Sgarbanti

Research staff:

Aim and state of the research: The research focuses on the subsidiarity principle and on its application in the field of agricultural law. The intent is to analyse jurisdiction-sharing in the agricultural sector within the European Community and its member states, and in Italy between the national and regional levels of governments by studying the relevant normative, doctrinal, and jurisprudential material available.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (1.600€)

Related publications:

- 1) Giulio Sgarbanti, “Il principio di sussidiarietà: implicazioni e possibili applicazioni in particolare nell’ambito della politica agricola comune” [The subsidiarity principle: implications and possible applications particularly within the EC common agricultural policy] in “Scritti in onore di Giovanni Galloni, volume primo” (a cura di Brunetto Carpino), pp. 283-308, Edizioni Tellus

2.6) Title: Il metodo di produzione biologico [Organic farming production methods]

Reference period: 2002

Research co-ordinator: Giulio Sgarbanti

Research staff:

Aim and state of the research: The research focuses on the methods of organic farming production and on the laws that govern this type of agricultural production in both the European Community and Italy.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (1.200€)

Related publications:

2.c) Agricultural economics and agricultural policy area – Economic development, technological change and growth

2.7) Title: International Management

Reference period: 2000 - 2002

Research co-ordinator: Vesna Stojanova

Research staff: Andrea Segrè, Vesna Stojanova, Wladimir Andreff, Xavier Richet, Stefano Bianchini, Charalambos Tsardanidis.

Aim and state of the research: The objective of the project was to fulfil the lack of international approach to management topics at small and medium enterprises' level, by developing the needed curricula for specialist and post graduate studies and doctoral degree. This curricula were implemented at the University "St. Kiril and Metodij" of Skopije, within the Economic Institute and provided a more applicable dimension of the studies within wide range of research topics surveyed at management level in the international and domestic environment, as well as in the development of a new research centre about organisational culture within small and medium enterprises.

Collaborations, contracts, funds: European Commission, Tempus Programme

Related publications:

- 1) Andrea Segrè, Europa, Mediterraneo e allargamento, in "Il Mediterraneo tra il risveglio delle comunità e la globalizzazione capitalistica. Riflessioni sulle dinamiche del cambiamento socioeconomico" [The Mediterranean between the communities awakening and the capitalistic globalization. Reflections on socio-economic change dynamics] Inchiesta, a cura di B. Amoroso, A. Gallina e S. Gomez y Paloma, Dedalo, Bari, 2003.

2.d) Agricultural economics and agricultural policy area

– Economic systems

2.8) Title: Training for CEI (Central European Initiative) Countries in Transition 1999-2001

Reference period: 1999-2001

Research staff: Andrea Segrè, Damir Grubisa, Stefano Bianchini, Milica Uvalic, Francesco Privitera, Mario Zucconi, Dusan Janjic, Georgi Spasov, Vesna Stojanova, Krzysztof Olendzki, Daniel Daianu, George Schopflin, Paul Shoup, Violette Rey, Michael Leigh.

Aim and state of the research: The two-year project had developed an analysis of ten years of post-communist transition in CEI (Central European Initiative) countries and outlined ideas and possible initiatives to strengthen regional cooperation in the economic and political spheres, with special emphasis on the issues of enlargement and stability. The project was also aimed at training a group of young researchers from CEI countries and including them in a new network of experts. The project was implemented by a strong and very experienced network of 60 scholars and experts from Italy, CEI countries, EU member-States and the USA.

Collaborations, contracts, funds: Ministero degli Affari Esteri, Central European Initiative (CEI), Centro per l'Europa Centro-Orientale e Balcanica (CECOB).

Related publications:

- 1) Andrea Segrè, CEI Facing the Challenges and Opportunities of the New Age. Ideas for a Programme with S. Bianchini, S. Dubbini, F. Privitera, M. Vicini, Policy Paper of the Forlì Conference, 2-3 February 2001, Tipografia Ge.Graf., Bertinoro.

2.9) Title: Le politiche di sviluppo agricolo e rurale nei Paesi dell'Europa Centro-Orientale [Agricultural and Rural Development Policies in Central and East European Countries]

Reference period: 1998-1999

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Giorgio Amadei, Luigi Vannini, Luca Camanzi, Manuele Iorio, Giorgio Zagnoli

Aim and state of the research: Aim of the research was to investigate the current status and the future perspectives of agricultural and rural development policies in the CEECs in view of the eastward enlargement process. A field research was conducted with the aim of assessing the main differences between the Common Agricultural Policy adopted by the European Union and the single policy measures (agriculture and rural development) adopted in each candidate country.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research

Related publications:

- 1) Andrea Segrè, Johan F. M. Swinnen "Agricultural Transition and European Integration" *Economic Policy in Transitional Economics*, 3 pp. 1-14, 1999
- 2) Andrea Segrè, "Aiuto senza aiuto, il caso Albania", *Surplus*, 3, pp. 95-100 (1999)
- 3) Andrea Segrè "La politica agraria europea nella prospettiva dell'allargamento" in "Guida ai Paesi Dell'Europa Centrale, Orientale, e Balcanica. Annuario politico-economico, 1999" (a cura di Stefano Bianchini e Marta Dassù), pp. 17-23, il Mulino, Bologna, 1999
- 4) Andrea Segrè, "I signori della transizione" *Stampa Alternativa*, Roma, pp. 1-156, 1999
- 5) Andrea Segrè, "La ricostruzione agricola in Albania", *Agriculture*, 2, pp.4-6, 1999
- 6) Andrea Segrè, "Il laboratorio Albanese. 1992-1998: sette anni perduti per lo sviluppo agricolo?", *Besa*, Lecce, 1999, pp. 1-113
- 7) Andrea Segrè, "Agricultural and environmental issues for sustainable development in Albania: an agrarian system analysis-diagnosis in Divjaka region", *besa*, Lecce, 1999, 1-191

2.10) Title: “Allargamento dell’UE ai PECO e competitività del settore agricolo nazionale: un’analisi degli scambi commerciali [EU Enlargement to the CEECs and agricultural competitiveness: trade analysis]

Reference period: 2000-2001

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Giorgio Amadei, Luigi Vannini, Luca Camanzi, Manuele Iorio, Giorgio Zagnoli

Aim and state of the research: The research provides an evaluation of the competitiveness of the Italian agricultural sector in comparison to the future new member States through a detailed analysis of the national agriculture both in Italy and in CEECs and of the commercial relationships among Italy and CEECs. The main objective of the research consists in performing a prospective analysis of the impact of the Enlargement process on the Italian agricultural sector.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (12.000€)

Related publications:

- 1) Andrea Segrè "Albania, Balkans and Environs. Travels in Post-Communist Countries after the Fall of the Wall" Arianna Editrice, Bologna, 2000, pp. 1-80
- 2) Andrea Segrè "Caduta e transizione dell'agricoltura socialista" [Fall and transition of socialist agriculture] in "Annali" (a cura di: Accademia Nazionale di Agricoltura), pp. 283-296 Avenue Media, Bologna, 2000
- 3) Andrea Segrè "Programmi e strumenti della comunità internazionale per la ricostruzione economica del Kosovo: il ruolo dei donatori" [Programs and instruments of the international community for the economic reconstruction in Kosovo: the role of donors] in "Guida ai Paesi dell'Europa Centrale, Orientale, e Balcanica. Annuario politico-economico, 2000" (a cura di: S. Bianchi)
- 4) Andrea Segrè, “La ricostruzione agricola nei Balcani” [The agricultural reconstruction in the Balkans] (a cura di), «Est-Ovest», XXXI, 2, 2000, 55 pp.
- 5) Andrea Segrè "Reconstruction of agrarian systems in transitional economies: a comparative analysis of Albania and Bosnia-Herzegovina" EST-OVEST, 2, n. , pp. 41-55 (2000)
- 6) Andrea Segrè, Domenico De Masi, Pedrag Matvejevic', Antonio Gambino, Raffaele Gorgoni "Balcani 2005. Le opportunità della ricostruzione" [Balkans 2005: the reconstruction opportunities] NEXT, 9, n. , pp. 283-296 (2000)
- 7) Andrea Segrè, Sonia Prestamburgo, Francesco Marangon, Marta Cosmina "La competitività del settore agricolo nello spazio economico allargato dell'Unione Europea: PECO vs. Friuli Venezia Giulia" [Agricultural sector competitiveness in the enlarged economy of the EU: CEECs vs. Friuli Venezia Giulia] EST-OVEST, 6, n. , pp. 65-86 (2000)
- 8) Andrea Segrè, Balcani 2005. “Le opportunità della ricostruzione” [The reconstruction opportunities] (in coll. con A. De Masi, A. Gambino, R. Gorgoni, P. Matvejevic), (a cura di A. Palumbo), in "Next", 9, 2000, 138-192.

2.11) Title: From the Adriatic to the Caucasus. The Dynamics of (De)stabilisation.

Reference period: 2001-2002

Research co-ordinator: Stefano Bianchini

Research staff: Andrea Segrè, Stefano Bianchini, Susan Woodward, George Schopflin, Craig Nation, Fabio Zuccheri, Vladimir Goati, Dusan Janjic, Mario Zucconi, Gianni La Ferrara, Francesca Arato, Francesco Strazzari, Albert Bini.

Aim and state of the research: The main goal of the research is to analyse the most significant current dynamics potentially capable of producing sources of destabilisation over a wide area stretching from the Balkans to the Caucasus and capable of outlining the processes that could potentially contribute to create conditions for stability in the area in question in the medium and long term. More specifically, among the specific objectives of the research, the following points have been defined: identifying the mechanisms that lead to regional destabilisation by redefining the idea of the State; identifying regional and infra-regional destabilisation factors, taking into consideration the dynamics of regional interdependence; identifying the tools which could potentially contribute to stop the process of dismantling the State and the processes that need to be set in motion in order to create the conditions for the progressive stabilisation of the area under study.

Collaborations, contracts, funds: Military Center for Strategic Studies (CeMiSS), Centro per l'Europa Centro-Orientale e Balcanica (CECOB).

Related publications:

- 1) Andrea Segrè, "From conflict to sustainability: the contribution of sustainable development policies to stabilization, in From the Adriatic to the Caucasus: viable dynamics of stabilization", S. Bianchini and S. L. Woodward editors, CeMiss, Roma, Longo Editore, Ravenna, 2003, pp. 47-56.

2.e) Agricultural economics area

– Industrial organization

2.12) Title: La competitività della filiera degli oli di semi in Italia: aspetti economici, istituzionali e organizzativi [Oilseed agrifood chain competitiveness in Italy: economic, institutional and organizational aspects]

Reference period: 2000-2001

Research co-ordinator: Giulio Malorgio

Research staff: Maurizio Canavari, Elda Pedrini, Mayrah Rodriguez, Luca Camanzi, Giorgio Zagnoli

Aim and state of the research: The aim of the project is to analyze the technical and economic aspects that characterize the oilseed agrifood chain and to point to a methodology to determine the competitiveness degree of the sector. Institutional, social and market aspects have been considered with particular attention to agricultural sector issues. Information has been collected both in France and in Italy regarding the regulation proposed in order to sustain the development of the productive structures. Furthermore the possible future organizational and productive assets of the firms have been assessed

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (17.500€)

Related publications:

2.13) Title: Strutture associative, efficienza e prospettive del settore bieticolo-saccarifero in Italia [Associations, efficiency and perspectives of Italian beet and sugar sector]

Reference period: 2000-2001 Research co-ordinator: Elda Pedrini

Research staff: Elda Pedrini, Mauro Bruni, Enrica Gentile

Aim and state of the research: Analysis of the efficiency and middle/long-term perspectives of the Italian beet and sugar sector. Study of the associative system in the Italian beet sector and analysis of ANB (National Beet Association) internal organization and technical, economical and financial efficiency. The analysis' objective was to define some possible strategies of efficiency improvement.

Collaborations, contracts, funds: ANB funds (13.000€)

Related publications:

2.14) Title: Struttura, produzioni e interdipendenze dell'industria del vino, delle acquaviti e dei liquori in Italia [Structure and relationships in the Italian wine and alcoholic drinks sector]

Reference period: 1999-2001

Research co-ordinator: Maurizio Sorbini

Research staff: Maurizio Sorbini, Marcello Agosta, Enrica Gentile, Andrea Campanacci, Andrea Lonardi.

Aim and state of the research: Analysis of the productive structure of wine-alcohol-vinegar sector in Italy (vineyards, wine cellars, spirits and grappa plants, etc.), analysis of human and material resources employed in the sector, estimate of the value of products, fiscal proceeds, incomes generated by the sector. The study was carried out in two different phases, the first one aimed to define the structure of wine-alcohol sector productive system, and the second one to define and value all the productive, fiscal and income fluxes.

Collaborations, contracts, funds: Federvini funds (28.000€)

Related publications:

2.f) Agricultural economics area

– Urban, rural and regional economics

2.15) Title: Conseguenze dell'ampliamento ad Est dell'Unione Europea sulle regioni di confine poste alle frontiere esterne dell'Unione Europea [Consequences of Eastern Enlargement on the external border regions of the European Union.]

Reference period: 2000-2001

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Marta Cosmina, Francesco Marangon, Sonia Prestamburgo, Manuele Iorio.

Aim and state of the research: The activity of the "Agriculture External Group" can be posted within the elaboration of the sections of the Preparity transnational project committed to ISDEE (see below) from the Regional Administration of Friuli-Venezia Giulia. The research gives an evaluation of the consequences of the enlargement process on the agricultural sector of Friuli-Venezia Giulia region (agricultural production, forestry, fisheries, hunting) and to collect and to process the "preparatory" material (PECOs agricultural situation and perspectives; analysis methodological approach) needed for the processing managed in other Italian regions.

Collaborations, contracts, funds: European Commission, Interreg II C; Institute of Study and Documentation on the European Community and Eastern Europe (ISDEE).

Related publications:

- 1) Andrea Segrè, "La competitività del settore agricolo nello spazio economico allargato dell'Unione Europea: PECO vs. Friuli Venezia Giulia" [Agricultural sector competitiveness in the enlarged economy of the EU: CEECs vs. Friuli Venezia Giulia] (with M. Cosmina, F. Marangon, S. Prestamburgo), «Est-Ovest», XXXI, 6, 2000, pp. 65-86.

2.16) Title: I sistemi alimentari sub-regionali: il caso della Romagna [Sub-regional agrifood systems: the Romagna case]

Reference period: 1999-2000

Research co-ordinator: Maurizio Aragrande

Research staff: Maurizio Aragrande, Maurizio Sorbini, Marcello Agosta, Massimo Brusaporci, Andrea Campanacci, Enrica Gentile, Gianluca Macchi

Aim and state of the research: Analysis of food systems and crop and zootechnic agrifood chains characterizing limited territories, with special reference to pig and poultry sectors in Romagna in the '90s. Evaluation of the efficiency and the sustainability of territorial alimentary systems through the comparison of cases. The research aim is to point out the fundamental strategic elements for the affirmation of efficient territorial alimentary systems, economically competitive and sustainable.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (5.000€)

Related publications:

- 1) "The italian milk sector: an economic point of view" (2001), in *Biotechnology in Animal Husbandry, System of animal Breeding. Economics of Animal Production at the New Millennium*, vol.17 n. 5-6, VI International Symposium, Belgrade 2-5 october 2001, Institute for Animal Breeding, Belgrade-Zemun.
- 2) "The economic aspects of Sheep Milk Production in Italy" (in collaboration con Andrea Campanacci), in *Biotechnology in Animal Husbandry, System of animal Breeding. Economics of Animal Production at the New Millennium*, vol.17 n. 5-6, VI International Symposium, Belgrade 2-5 october 2001, Institute for Animal Breeding, Belgrade-Zemun.
- 3) "La filière du lait en Italie et des produits dérivés en Italie" [Milk agrifood chain in Italy] (2001), in *Option Méditerranéenne Les filières et les marchés du lait et dérivés en Méditerranéenne, Serie B: Etudes et recherche*, n.32, CIHEAM, Paris.

3. Research in progress

3.a) Agricultural economics and agricultural policy area – Agricultural and natural resource economics

3.1) Title: TISEN project - Tecniche innovative sostenibili di produzione e trasformazione delle colture energetiche e non food [Sustainable innovative techniques of production and transformation of non food and energetic crops]

Reference period: 2001-2003

Research co-ordinator: Paolo Ranalli

Research staff: Luigi Vannini, Maurizia Brunetti

Aim and state of the research: Evaluation of annual crops for energetic use, implementation of production and logistic processes.

Collaborations, contracts, funds: MIPAF - Ministero delle Politiche Agricole e Forestali

Related publications:

3.2) Title: Dalla castanicoltura un progetto di sviluppo per la montagna [From chestnut production a development project for the mountain areas]

Reference period: 2002-2004

Research co-ordinator: Luigi Vannini

Research staff: Luigi Vannini, Maurizia Brunetti

Aim and state of the research: The project aims to study the implementation of chestnut production promotion in rural areas; it will evaluate the multifunctional aspects of chestnut production, such as production, implementation of environmental problems, tourist aspects in critical areas

Collaborations, contracts, funds: Founds of “Fondazione Carisbo” (70.000€)

Related publications:

- 1) Luigi Vannini, Maurizia Brunetti, Gilmo Vianello “Speciale Castagno” [The chestnut tree] in *Il Divulgatore*-Novembre 2003

3.3) Title: Hemp Sys: a sustainable production system for hemp textiles

Reference period: 2002-2005

Research co-ordinator: Giampietro Venturi

Research staff: MariaTeresa Amaducci, Giampietro Venturi, MariaTeresa Amaducci, Luigi Vannini

Aim and state of the research: Developing an improved, ecologically sustainable production chain for high quality hemp fibre textiles coupled to an integrated quality system for stems, raw and processed fibres, yarns and fabrics based on eco-labelling criteria

Collaborations, contracts, funds: European Union Funds, Collaborations with the Agronomy Faculties of Piacenza and Catania and ISCI- Research Institute for Industrial Crops (3.000€)

Related publications:

3.b) Agricultural economics and agricultural policy area – Agricultural law

3.4) Title: I principi generali della legislazione alimentare [General principles of food legislation]

Reference period: 2002

Research co-ordinator: Prof. Giulio Sgarbanti

Research staff:

Aim and state of the research: The research focuses on the study of the EC requisites for food safety which govern its food safety legislation and constitute the basis for the creation of a European Authority for Food Safety. The aim is to study the extent and the impact of the application of abovementioned regulations.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (1.200€)

Related publications:

3.5) Title: I segni distintivi dei prodotti agroalimentari [Distinctive Traits of Agri-food Products]

Reference period: 2002

Research co-ordinator: Prof. Giulio Sgarbanti

Research staff:

Aim and state of the research: Since there are no publications pointing to the EC' absence of regulations in the area of distinctive or characterizing traits of agri-food product , the research intends to fill this vacuum by underlining the need to create adequate legislation which will take into consideration distinctive or characterizing traits and distinguish them from industrial ones.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (10.000€)

Related publications:

3.c) Agricultural economics and agricultural policy area – Economic development, technological change and growth

3.6) Title: Il sistema agroalimentare nei processi di sviluppo del Mediterraneo [The agrifood system in the development process of the Mediterranean area]

Reference period: 2002-2003

Research co-ordinator: Giulio Malorgio

Research staff: Elda Pedrini, Mayrah Rodriguez, Giorgio Zagnoli, Luca Camanzi, Simona Maini

Aim and state of the research: The aim of the project is both to describe the evolution and the present condition of the development process in the Mediterranean region and to evaluate the progress status of the integration between the various agrifood systems. After an overview of the Mediterranean area social and economic main features, attention is drawn on both domestic and international markets particularly on bilateral relations between EU and the various Countries and on the agricultural and food policy roles in the integration process

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (11.000€)

Related publications:

3.7) Title: Il cibo della solidarietà. Trasformare lo spreco in risorsa. Il progetto Last Minute Market. [The solidarity food. Transforming the waste in resource. The Last Minute Market program.]

Reference period: 2000-on going

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Matteo Guidi, Luca Falasconi, Sabina Morganti

Aim and state of the research: Although in the Northern rich countries the main food concern is related to safety, quality and hygienic requirements, still for a part of population there is a problem of “food availability” (food security) and its distribution, as for Southern poor countries. Despite a thriving economy in recent years and reports of welfare reform success stories, a growing number of people in Developed Countries sought emergency food assistance because households did not have access to enough food to meet their basic needs (food deficit). On the other side, the same Developed Economies produce (for a number of different reasons) a growing quantity of food surplus, that can be found in all part of the food chain, passing from agricultural production to the retail system. The objective of the research is to show, from a theoretical and an empirical perspective, how is possible the linking between surplus (supply) and deficit (demand) to clear this dis-equilibrated food “market”. A case study is being conducted, where this system is working through a concrete initiative that allow the transfer of perfectly eatable unsold food products (otherwise destroyed) from a food shop to a number of charity associations. Providing a cost-effective service for both profit (food shops) and non-profit (charity associations) organizations, the model resulted not only useful from a social point of view but also economically viable. Thus, the model tested will be expanded at national and international level.

Collaborations, contracts, funds: University of Bologna, Alma Cube, Consortium Spinner, Coop Adriatica

Related publications:

- 1) Andrea Segrè, Luca Falasconi, *Abbondanze e scarsità nelle economie sviluppate. Per una valorizzazione sostenibile dei prodotti alimentari invenduti* [Abundance and scarcity in developed economies. For a sustainable valorisation of the unsealed food products], Franco Angeli, Milano, 228 pp.
- 2) Luca Falasconi, “Lotta allo spreco alimentare e redistribuzione dei prodotti recuperati sul territorio: il caso di Last Minute Market” [Food waste and territorial redistribution: the case of Last Minute Market], in *Autonomie locali e servizi sociali*, Il Mulino, Bologna, 2003, pp. 85-92.

3.8) Title: Formacion Tecnica en Argentina [Technical traininig in Argentina]

Reference period: 2003

Research co-ordinator: Luigi Vannini

Research staff: Luigi Vannini, Claudia Ferreyra

Aim and state of the research: The project aims to improve the technical education of farmers in Argentina

Collaborations, contracts, funds: Regione Emilia-Romagna (65.000€)

Related publications:

3.d) Agricultural economics and agricultural policy area **– Economic systems**

3.9) Title: Gli strumenti di politica agraria nel processo di integrazione europea: conseguenze dell'allargamento ad est. [Agricultural policy tools in the European integration process: consequences of eastern enlargement.]

Reference period: 2002-2003

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Giorgio Amadei, Luigi Vannini, Francesca Arato, Matteo Guidi, Luca Falasconi, Sabina Morganti, Elisabetta Nanni, Matteo Vittuari

Aim and state of the research: The aim of the research is to provide an overview of the extension of the Common Agricultural Policy tools to the CEECs. In particular the competitiveness of the Eastern European agricultural systems in 2013 will be evaluated by taking in consideration the effect of direct payments on prices and quality standards and analyzing the range of the distortions generated in the agricultural sector by the new tools and the financial aid.

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (11.000€)

Related publications:

- 1) Andrea Segrè "Caduta e transizione dell'agricoltura socialista" [Fall and transition in the socialist agriculture] in "L'agricoltura verso il terzo millennio. Attraverso i grandi mutamenti del XX secolo" (a cura di: Accademia Nazionale di Agricoltura), pp. 85-101 Avenue Media, Bologna, 2002;
- 2) Andrea Segrè "Europa: con chi conviene allearsi" [Europe: who to make alliances with?] Terra e Vita, XLIII, n. 47, pp. 3-3 (2002)
- 3) Andrea Segrè "Europa: cosa succede quando entrerà la Turchia" Terra e Vita, XLIII, n. 45, pp. 3-3 (2002)
- 4) Andrea Segrè "La biblioteca magica. Dialogo sulla fine del secolo all'alba del nuovo millennio" [The magic library: a dialogue about the end of the century at the dawn of the new millennium] FrancoAngeli, Milano, 2002, pp. 1-68
- 5) Andrea Segrè "Le questioni agricole nella nuova Europa" [Agricultural issues in the new European Community] Est-Ovest, XXXI, n. 6, pp. 17-47 (2002)
- 6) Andrea Segrè "Ma l'Est viaggia a prezzi più alti dell'UE" Terra e Vita, XLIII, n. 12, pp. 3-3 (2002)
- 7) Andrea Segrè "Quanto sono competitivi i Paesi candidati?, [How competitive are the CEECs?] Speciale: "L'allargamento dell'Unione europea: prospettive per l'agro-alimentare" Agricoltura, 30, n. 2, pp. 35-38 (2002)
- 8) Andrea Segrè "The Common Agricultural Policy Reform Process and the Central and East European Countries Accession to the European Union", in S. Bianchini (editor), "Post-Communist Transition Ten Years Later. Challenges and Outcomes for Europe and the Role of Cei", Proceedings of the International

- Conference, Forlì, 2-3 February 2001, Longo Editore, Ravenna, 2002.
- 9) Andrea Segrè "From conflict to sustainability: the contribution of sustainable development policies to stabilization", in *From the Adriatic to the Caucasus: viable dynamics of stabilization*, S. Bianchini editor, Cemiss, Roma, Longo Editore, Ravenna, 2002, pp. 47-56
 - 10) Andrea Segrè, Fabrizio Piva "Le prospettive del settore biologico nell'Europa allargata ai Peco" [Organic sector perspectives in the enlarged Europe] *Informatore Agrario*, LVIII, n. 34, pp. 37-39 (2002)
 - 11) Andrea Segrè "La sostenibilità nelle attività produttive", [Sustainability in productive activities] relazione in sessione plenaria: Seminario Internazionale "La strategia dello sviluppo sostenibile: opzioni nella cooperazione scientifica, tecnologica e culturale", Ambasciata d'Italia in Albania, 4-6 luglio 2002, Tirana, Albania.
 - 12) Andrea Segrè "Sustainable and Organic Farming in the UniAdriatic Countries", relazione in: International Scientific Symposium, "The role of the environment in agriculture and rural development", Foundation of Cephallonia and Ithaca and Department of Economics of the University of Patras, Argosoli, 14-16 June 2002, Cephallonia, Grecia.
 - 13) Andrea Segrè "Wto: sugli scambi agricoli l'intesa è impossibile," editoriale, *Terra e Vita*, Il Sole 24 Ore-Calderini, anno XLIV, n. 16, 2003, p. 3.
 - 14) Andrea Segrè "L'agricoltura biologica nella nuova Europa" [Organic agriculture in the enlarged Europe], *AzBio*, Il Sole 24 Ore-Calderini, anno I, n. 5, 2003, pp. 7-10.
 - 15) Andrea Segrè "The Common Agricultural Policy Reform Process and the Central and East European Countries Accession to the European Union", in D.M. Nuti and M. Uvalic (editors), "Post-Communist Transition To a Market Economy. Lessons and Challenges", Longo Editore, Ravenna, 2003, pp. 293-312.
 - 16) Andrea Segrè "Le prospettive dell'agricoltura biologica nei Peco" [Organic farming perspectives in the CEECs], *il Biologico*, febbraio 2003, p. 11.
 - 17) Andrea Segrè "From conflict to sustainability: the contribution of sustainable development policies to stabilization", in "From the Adriatic to the Caucasus: viable dynamics of stabilization", S. Bianchini and S. L. Woodward editors, Cemiss, Roma, Longo Editore, Ravenna, 2003, pp. 47.
 - 18) Andrea Segrè "Integrazione, transizione e cooperazione: tre parole sull'agricoltura europea" [Integration, transition and cooperation: three words on european agriculture] , in *Economie, società, agricoltura*, a cura di M. Canali, Edizioni Allori, Ravenna, 2003, pp. 39-54.
 - 19) Andrea Segrè "Europa, Mediterraneo e allargamento", in "Il Mediterraneo tra il risveglio delle comunità e la globalizzazione capitalistica. Riflessioni sulle dinamiche del cambiamento socioeconomico" [The Mediterranean between the communities awakening and the capitalistic globalization. Reflections on socio-economic change dynamics], *Inchiesta*, a cura di B. Amoroso e A. Gallina, Dedalo, Bari, 2003.
 - 20) Andrea Segrè, Matteo Vittuari, "Aiuti e sviluppo economico-agricolo nei paesi in transizione dell'Europa centro-orientale e balcanica" [Helps and economic-

agricultural development in the countries in transition of center-oriental and Balkan Europe] Est-Ovest, XXXIV, n. 2, pp. 7-29(2003)

- 21) Andrea Segrè "L'agricoltura biologica nella nuova Europa" [Organic farming in the enlarged Europe], AzBio, Il Sole 24 Ore-Calderini, anno I, n. 5, 2003, p.7-10.
- 22) Andrea Segrè "Le politiche per la sicurezza alimentare nell'Europa allargata" [Food safety policies in the enlarged Europe], in Guida ai paesi dell'Europa centro orientale balcanica, a cura di S. Bianchini, il Mulino, Bologna, 2003 (in stampa)
- 23) Andrea Segrè "La recente dinamica del processo di integrazione dell'agricoltura nell'Ue: l'allargamento ai Peco" [The recent dynamics of the agricultural integration process in the EU], Lettura in: Jean Monnet Project European Module: The Integration of European Agricultures and the Reform of Common Market Organizations, Università di Catania - Aula Magna - Facoltà di Economia, Catania, 17 maggio 2002, Catania, ottobre 2003. (in stampa)
- 24) Falasconi Luca, "I redditi agricoli nei paesi PECO" [Agricultural income in the CEECs], Terra e Vita XLII n 29, pp. 20-21 (2002)
- 25) Luca Falasconi, Cosa si aspettano i paesi PECO dall'UE [What CEECs expect from the EU], Terra e Vita XLIII n 18, pp. 20-21 (2003)
- 26) Luca Falasconi "L'industria agroalimentare nei paesi dell'Europa centro orientale. Scenari e prospettive" [Perspectives of the agrifood industry in the CEECs] Est-Ovest, XXXIV, n. 2, pp. 30-42 (2003)

3.10) Title: Structural reform and competitive Candidate Countries (CC) Agriculture in an enlarged Europe. A Prospective Analysis.

Reference period: 2003-2004

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Valda Bratka, Josef Hanibal, Nelly Georgieva, Mariana Toteva, Gabor Kovacs, Keszthelyi Szilárd, Massimo Canali, Lech Goraj, Ludger van der Eerden, Andrzej M. Skulimowski, Luis Delgado, Sergio Gomez y Paloma.

Aim and state of the research: The aim of the project is to perform a prospective analysis of the competitiveness of Candidate Countries agriculture under different policy scenarios at EU level. The approach envisaged is to build representative farming system models for 5 Candidate Countries that will provide the basis to identify explanatory variables of competitiveness, to build scenarios and perform a qualitative and quantitative analysis. This leads to the following tasks (to be explained in greater detail in the paragraphs that follow): farm type classification; farming system model building and analysis; calculation of performances of each system; identification of explanatory variables of competitiveness of each system; scenario building; broad validation; quantitative analysis; qualitative analysis.

Collaborations, contracts, funds: European Commission, Institute for Prospective Technological Studies (ITPS), Latvian State Institute of Agrarian Economics (FADN-Latvia), VUZE (FADN-Czech Rep.), MAFAR (FADN-Bulgaria), IERiGZ (FADN-Poland), TNO-LEI (Operating Agent), Progress & Business Fundacja, Centro per

l'Europa Centro-Orientale e Balcanica (CECOB).

Related publications: in preparation.

3.e) Agricultural economics area – Industrial organization

3.11) Title: Sistemi di qualità per i prodotti alimentari di origine animale [Quality systems for animal productions]

Reference period: 2002-2003

Research co-ordinator: Maurizio Aragrande

Research staff: Maurizio Aragrande, Maurizio Sorbini, Marcello Agosta, Massimo Brusaporci, Andrea Campanacci, Enrica Gentile, Sandro Paternoster, Marco Uguzzoni, Gianluca Macchi, Andrea Rosati.

Aim and state of the research: Analysis and evaluation of structural changes adopted by agrifood firms in order to promote quality in the agrifood chain. Main focus is on animal production. Detection of representative products, main issues, problem list and relations in the agrifood chain. Quantification of additional costs due to quality management; modelling of case studies considered

Collaborations, contracts, funds: Italian Ministry of Education, University and Research (3.200€)

Related publications:

3.12) Title: Competition and concentration in the Agro-Food Sector

Reference period: 2002-2003

Research co-ordinator: Maurizio Aragrande

Research staff: Maurizio Aragrande, Enrica Gentile, Mauro Bruni, Alberico Loi, Massimo Brusaporci, Sandro Paternoster, Davide Rosati, Cesare Zanasi, Florence Palpacuer, Selma Tozanli, Fatiha Fort.

Aim and state of the research: The study was commissioned by the European Commission within the context of the review of the Common Market Organisation (COM) for sugar. The aim is to examine: 1. the structure of competition and the degree of concentration in the following agro-food sectors: sugar, cereals, meat and dairy products; 2. the extent to which competition and concentration are affected by the instruments of agricultural policy (production quotas, reference quantities, price support, export refunds, import duties, import arrangements, etc). The study covers the EU, including results by Member States; only for the sugar sector a comparison is included referring to the situation in third countries.

Collaborations, contracts, funds: Study commissioned by European Commission – Agricultural Directorate-General – Directorate A. Economic Analyses and evaluation – A2. Quantitative analyses, forecasts, statistics and studies (227.000€)

Related publications:

3.13) Title: Utilizzo a scopo produttivo di metodiche innovative nell'allevamento di *Mytilus Galloprovincialis* (Lam) [Use of innovative methods in *Mytilus Galloprovincialis* breeding]

Reference period: 2001-2003

Research co-ordinator: G. Prioli

Research staff: N. Mietti, G. Malorgio, F. Fiori, D. Matarazzo

Aim and state of the research: Aim of the research project is to quantify time and cost saving induced by the adoption of "long line" technology through a comparison of alternative breeding methods

Collaborations, contracts, funds: Progetto di ricerca Ministero delle Politiche Agricole e Forestali - V Piano Pesca

Related publications:

- 1) Malorgio G., Prioli G., Mietti N., Indagine socio-economica sulla mitilicoltura off-shore: una valutazione sull'efficienza di modelli aziendali [Social and economic analysis of mussel breeding: an evaluation of firm structure efficiency] – I quaderni scientifici della Lega Pesca, Roma, 2002, pp 1-50

3.14) Title: Forme di aggregazione fra produttori agricoli [Aggregation forms among farmers]

Reference period: 2003

Research co-ordinator: Luigi Vannini

Research staff: Agri2000 Staff

Aim and state of the research: Identification and diffusion of aggregation forms among farmers

Collaborations, contracts, funds: Regione Emilia-Romagna (70.000€)

Related publications:

3.f) Agricultural economics area **– Urban, rural and regional economics**

3.15) Title: UniAdrion, Course of Specialization, International Cooperation and Sustainable Development of Agricultural, Environmental and Rural Systems

Reference period: 2002-2004

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Paolo Berizzi, Luigi Bruzzi, Massimo Canali, Francesco Danuso, Suzana Djordjevic-Milosevic, Sergio Gomez y Paloma, Gianluca Sambucini, Antonia Young, Nigel Young, Matteo Vittuari

Aim and state of the research: The Course of Specialization in International Cooperation and Sustainable Development of Agricultural, Environmental and Rural Systems, wants to establish a relationship among the scientific communities of the countries that joined the UniAdrion initiative. In this context the Course wants to offer an indepth analysis of the theoretical, legal and operational aspects related to the planning and management of agro-environmental systems, and, on this basis, develop sound methodologies for an active policy of endogenous sustainable development in agricultural, rural and coastal areas of the Adriatic-Ionian Basin. The Course of specialisation is addressed to young graduates, as well as to officials already working in local, national or international agencies belonging to the countries of the Adriatic-Ionian Initiative. Participants will be aiming at careers requiring competence in managing and planning agricultural, environmental and rural systems at various levels in local, national, and international governmental, as well as non-governmental, organisations.

Collaborations, contracts, funds: Italian Ministry of Foreign Affairs; Italian Ministry of Education, University and Research; Alma Mater Studiorum-University of Bologna

Related publications:

- 1) Andrea Segrè (ed), International Cooperation and Sustainable Development of Agricultural, Environmental and Rural Systems, proceedings of the Graduate Summer Schools, Cervia, September 2002 and 2003 (in press)

3.16) Title: UniAdrion, Sustainability in the Rural Areas of the Adriatic-Ionian Region; Multi-Criteria Evaluation of the Agricultural and Sea-side Systems

Reference period: 2002-2004

Research co-ordinator: Andrea Segrè

Research staff: Andrea Segrè, Romano Giovanardi, Francesco Danuso, Michel Zuliani, Fatmir Guri

Aim and state of the research: The Project is addressed to private and public institutions involved in environment protection, and in local sustainable development, as well as to experts and technicians of the field. Aim of the project is to update the rural systems towards a wider sustainability with the introduction of new crops and of new analytical and agronomical techniques to give more emphasis to environmental quality and protection and to biodiversity. The first step is to develop a Territorial Information System (TIS), collecting and organizing information, to set up a multicriteria analysis.

Collaborations, contracts, funds: Italian Ministry of Foreign Affairs; Italian Ministry of Education, University and Research; Alma Mater Studiorum-University of Bologna

Related publications :

- 1) Andrea Segrè, Romano Giovanardi, Francesco Danuso, Michel Zuliani (eds), Sustainability in the Rural Areas of the Adriatic-Ionian Region: Multi-Criteria Evaluation of the Agricultural and Sea-side Systems (in preparation)