



## **EuroMedCitrusNet**

**“Safe and High Quality Supply Chains and Networks for the  
Citrus Industry between Mediterranean Partner Countries and  
Europe”**

**Contract No. 43146 (Food Quality and Safety)**

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**Deliverable 18: Non EU Mediterranean Regional Conference  
Proceedings**



Sociedade Portuguesa de Inovação

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## **EXECUTIVE SUMMARY**

This report forms Deliverable 18 of the EuroMedCitrusNet project, a Specific Support Action funded under the Food Safety and Quality Thematic Priority of the European Commission's (EC's) Sixth Framework Programme, whose aim is to promote improvement in citrus safety and quality at all stages of the supply chain through co-operation both internationally and between research organizations and commercial operators including SMEs, to create a network of horizontal research interest, especially for the Mediterranean region.

This report concerns the Non EU Mediterranean Regional Conference, held at the Hotel Beach Club, Agadir, Morocco on 13<sup>th</sup> October 2008. This conference aimed to stimulate research collaboration between Mediterranean Partner Countries and the EU. The conference brought together 270 participants (including partners and speakers) from research institutions and industry across the Mediterranean to discuss the needs of the sector with regard to research for improving the safety and quality of citrus supply chains as well as policies and proposals for increasing future collaborative activities between the EU and Mediterranean Partner Countries. Keynote presentations on the topics of greatest importance to citrus quality and safety provided a means for participants to hear about current situation and state of the art research and technologies employed in these areas.

The workshop was given a high profile in Morocco with television and radio media present at the workshop as well as the monthly fruit and vegetable industry journal Pack info. In addition to project funding, local industry also contributed to the event including: Freshfruit Morocco; Maroc Fruit Board; COPAG; Les Domaines and Delassus.

The conference discussions centred on the policies, funding programmes, and other support structures that may be employed to improve safety and quality of citrus supply chains between Mediterranean Partner Countries and Europe. These discussions provided a valuable opportunity for representatives from industry and research institutions in France, Portugal, Spain, Italy, Greece, Turkey, Libya Egypt, Israel and Morocco to become aware of each country's specific situation in order to learn from each others experience and identify possible areas of synergy for collaboration. The results of the Needs Assessment Survey conducted under EuroMedCitrusNet were reported and preliminary project proposals were presented for which collaboration across the Mediterranean was invited on selected topics of high importance for improving the quality and safety of citrus.

## **1 INTRODUCTION**

This report forms Deliverable 18 of the EuroMedCitrusNet project, a Specific Support Action funded under the Food Safety and Quality Thematic Priority of the European Commission's (EC's) Sixth Framework Programme.

The document summarises the discussions and presentations that took place at the EuroMedCitrusNet Non EU Regional Conference held on 13<sup>th</sup> October 2008 at the Beach Club Hotel, Agadir, Morocco.

### **1.1 Background**

The main aim of the EuroMedCitrusNet project is to promote improvement in citrus safety and quality at all stages of the supply chain through co-operation both internationally and between research organizations and commercial operators including SMEs, to create a network of horizontal research interest, especially for the Mediterranean region.

The project will promote improved safety and quality of Mediterranean citrus supply chains through:

- A comprehensive description of current policies, procedures and research relating to the Mediterranean citrus sector to improve quality and safety of citrus supply chains;
- A needs assessment survey to focus research and development on improving safety and quality including policy recommendations, an action plan of research agendas and preliminary project proposals;
- Mediterranean Networking initiatives to stimulate international co-operation and support policy development by integrating current related research and providing added value;
- Providing information to facilitate access to knowledge, training and technology, increasing SME participation in research, and, thus, improving the exploitation of results, and ensuring improved safety and quality;
- Bringing together scientists and industrialists to create a sustainable Mediterranean network for the citrus sector to support research relevant to safe and high quality cross-border supply chains.

The project is co-ordinated by Sociedade Portuguesa de Inovação (SPI), from Portugal. The project partners are:

- University of Catania, Italy;
- Cukurova University, Turkey;
- National Agricultural Research Foundation, Greece;
- Euroquality, France;

- Asociación de Investigación de la Industria Agroalimentaria ainia, Spain;
- Institut Agronomique et Veterinaire Hassan II, Morocco;
- Horticultural Research Institute, Egypt;
- Institut National Agronomique de Tunisie, Tunisia;
- Conzorcio Euroagrumi O. P., Italy;
- Station D'Emballage D'Agrumes Kabbage Souss, Morocco.

## **1.2 Document Structure**

The document is structured as follows:

- Objectives – sets out the main objectives of the EuroMedCitrusNet EU Regional Conference;
- Conference Programme – presents the Conference programme and summarizes the presentations provided.

Further to this two Annexes are incorporated including:

- Participants and Organizing Committee – identifies the invited experts who gave presentations and participated in the discussions and those who provided support to the organization of the workshop including tasks such as registration, presentation of speakers and translation support;
- Presentations – includes the Powerpoint presentations provided at the EuroMedCitrusNet Non EU Regional Conference.

## **2 OBJECTIVES**

Given the project's aim to promote safety and quality of citrus supply chains through stronger R&D collaboration between EU and Mediterranean Partner Countries, through the activities described above, and the particular Non EU focus of this conference, the project's objectives for the EuroMedCitrusNet Non EU Regional Conference were to:

- Increase awareness of the project among citrus scientists, industrialists, and other interested parties in the EU and Mediterranean Partner Countries, in particular those from the Mediterranean Partner Countries;
- Capture the interest of EU and Mediterranean Partner Country scientists, industrialists, and other interested parties in the projects activities and encourage an active participation in the online forum and database, in particular those from the EU;
- Inform EU and Mediterranean scientists, industrialists, and other interested parties about the findings of the Needs Assessment Survey, and the preliminary proposal ideas for which collaboration across the Mediterranean was invited on selected topics of high importance for improving the quality and safety of citrus supply chains between Mediterranean Partner Countries and the EU;
- Exchange information between scientists and industrialists in the EU and Mediterranean Partner Countries on the current situation in particular from an EU perspective and state of the art research and technologies employed in various areas related to citrus quality and safety;
- Encourage the participation of EU and Mediterranean Partner Country scientists, industrialists, and other interested parties in the project's future activities.

### 3 CONFERENCE PROGRAMME

This section summarizes the Conference Programme and the presentations at the EuroMedCitrusNet Non EU Regional Conference.

#### 3.1 Conference Programme

<b>Time</b>	<b>Activity</b>
<b>8:15-9:15</b>	Inscription/ Registration (Hotel Beach Club Conference room)
<b>9:15 – 9:30</b>	Mot de bienvenue/ Word of welcome (Dr. Brahim Hafidi, Directeur du Complexe Horticole d'Agadir)
<b>9:30– 9:45</b>	Présentation générale du projet et des activités du réseau EuroMedCitrusNet/ General Presentation of the Project and Activities of EuroMedCitrusNet (Dr. Rachel Newton, coordonnatrice du projet)
<b>9:45 – 10:15</b>	Opportunités pour la participation dans le 7 <sup>e</sup> Programme de la Communauté Européenne sur la recherche-développement/ Opportunities for Participation in the EC 7 <sup>th</sup> Research and Development Framework Program (Mme. S. Zebakh, Point d'Information National, Département de L'Enseignement Supérieur et de la Recherche Scientifique, Rabat, Maroc)
<b>10:15 – 10:45</b>	Résultats et recommandations de l'étude sur les déficits en connaissances et les besoins du secteur des agrumes pour l'amélioration de la qualité et de la sécurité des chaînes d'approvisionnement en fruits au niveau du bassin méditerranéen/ Needs Assessment Survey Results and Recommendations (Le Réseau/ The Network)
<b>10:45– 11:15</b>	PAUSE-CAFE /Coffee Break
<b>11:15 – 11:45</b>	Recherche en cours sur les variétés et porte greffes d'agrumes / Current Citrus Variety and Rootstock Research (Dr. Y. Froelicher, CIRAD, France)
<b>11:45– 12:15</b>	Priorités en Matière de Recherche pour Augmenter l'Efficiency de l'Eau dans a Région Méditerranée/ Research Priorities in Order to Increase the Agriculture Water use Efficiency in the Mediterranean Region (Prof. Juan Alarcon, CEBAS-CSIC, Murcie, Espagne)
<b>12:15 – 12:35</b>	L'agrumiculture égyptienne/ Citriculture of Egypt (Dr. Latif Guindy, Institut de Recherche en Horticulture, Egypte)
<b>12:35 – 12:55</b>	L'agrumiculture biologique en Egypte/ Organic Citrus Production in Egypt (Dr. Emad Abd El Kader Hassan, Laboratoire Central de l'Agriculture Biologique, Egypte)
<b>12:55 – 13:10</b>	Discussion
<b>13:10 – 14:30</b>	PAUSE-DEJEUNER/Lunch Break
<b>14:30 – 14:50</b>	Situation actuelle des problèmes phytosanitaires en verger d'agrumes et méthodes de lutte/ Current Situation of Citrus Pests and their Control in Morocco (Prof. A. Mazih, IAV Hassan II, Complexe Horticole d'Agadir, Maroc)
<b>14:50 – 15:20</b>	Implémentation de la Technique de l'Insecte Stérile (SIT) pour lutter contre la mouche méditerranéenne au Maroc : situation actuelle et perspectives/ Implementing the Sterile Insect Technique for Mediterranean Fruit Fly Control in Morocco: Current Status and Future Prospects (Dr. M. Bounfour, Direction de la Protection des Végétaux, Rabat, Maroc)
<b>15:20 – 15:50</b>	Situation actuelle des maladies dévastatrices menaçant le secteur agrumicole du Maroc et mesures à prendre/ Current situation of Morocco with regards to some devastating citrus diseases (Dr. M. Zemzami, Domaines Agricoles, Maroc)
<b>15:50 – 16:20</b>	PAUSE-CAFE /Coffee Break
<b>16:20 – 16:50</b>	Les Nouvelles Limites Maximales de Résidus Temporaires dans la Réglementation Européenne 396/2005 pour les aliments/ The New Temporary MRLs in Regulation 396/2005 for Foods (Dr. Hermine Reich, Autorité Européenne de la Sécurité Alimentaire, Italie)
<b>16:50 – 17:20</b>	Aspects de Post Récolte dans la Production des Agrumes : Nouveautés dans les Traitements/ Postharvest Aspects in Citrus Fruit Production: New Insights on Future treatments (Dr. Samir Droby, Postharvest Science, The Volcani Center)
<b>17:20– 17:50</b>	EuroMedCitrusNet: propositions de projets de recherche et durabilité du réseau/ Preliminary Project Proposals and Network Sustainability (Le Réseau/ The Network).
<b>17:50:– 18:10</b>	Conclusions et clôture de la Conférence/ CONCLUDING REMARKS AND END OF CONFERENCE

### **3.2 Presentation Summaries**

The EuroMedCitrusNet Non EU Regional Conference began with a Welcome from Dr Brahim Hafidi, Director of the Horticultural Complex of Agadir.

Following the welcoming speeches, an overview of the EuroMedCitrusNet project was provided including its Partners, and objectives as well as its methodology and outputs. Participants were encouraged to participate in the project's activities including registering in the project's database, commenting on the project's deliverables, and participating in the formulation of Preliminary Project Proposals in selected important areas to ensure cross Mediterranean collaboration to improve citrus supply chain quality and safety.

Mme Sanaa Zebakh, National Contact Point for FP7, from the Department of Higher Education and Research, provided participants with information on the opportunities for participation in the Seventh Framework Programme of the European Commission which supports collaborative research projects; the application process; and Morocco's participation.

Prof. Mohamed El-Otmani from Institute Agronomique et Veterinaire Hassan II in Morocco provided participants with a summary of the results of the survey conducted during the EuroMedCitrusNet project to determine needs of the Mediterranean citrus industry in order to focus research and development on improving citrus supply chain safety and quality. The total results collected from all the countries were presented and concerned the topics of: collaborative research; rootstock selection; variety selection; plant protection against pests and diseases; environment, irrigation, fertilisation and soil management; post harvest operations; packaging; transport and distribution; processing and by products; entrepreneurship, sales and marketing; quality systems. The results of this survey have contributed towards a policy recommendations report with an action plan of research agendas and preliminary project proposals.

The current situations with regard to research and research needs in various important fields related to the quality and safety of citrus supply chains was then provided by various keynote speakers.

Dr Yann Froelicher presented the current citrus variety and rootstock research: In particular, for citrus variety breeding the genetic limitations and breeding strategies including: induced mutagenesis; triploid selection; triploid breeding; GMO, and market assisted selection were described. For rootstock breeding, strategies including: induced mutagenesis; polyploidization; and GMO were presented. Citrus producers were interested in the length of time required to produce suitable varieties and rootstocks, particularly as they need these now. Dr Froelicher indicated that there were more new varieties being released than rootstocks and that there is an increasing role for biotechnology in this area of research.

Prof. João Alarcon covered the research priorities for improving the agricultural water use efficiency in the Mediterranean region. In this presentation he stated the need to combine biotechnology with irrigation technology. In terms of biotechnology there is a need to develop crops with drought resistance (including the

potential of genetic modification to improve this factor), to use micorrhizal fungi and bacteria as biofertilisers, and to use biotechnology in wastewater treatment. Other techniques to improve water use efficiency include: variety selection; regulated deficit or precision irrigation; and water re-use. An overview of the Sixth Framework Programme project “Sustainable Orchard Irrigation for Improving Fruit Quality and Safety”, IRRQUAL, was also provided. The main aim of this project is to study the effects of different irrigation strategies (Regulated deficit irrigation and water quality) on fruit quality and safety in tree crops. Information about another nationally funded project on Regulated Deficit Irrigation (RDC) in fruit trees was also provided.

Prof. Latif Guindy gave a presentation on the current status of citriculture in Egypt in which he talked about where the main citrus production areas are in Egypt, its total area and quantity of production, citrus consumption, distribution channels, and trends in exports. He provided information about the Citrus Improvement Program that is being undertaken there and the procedures instituted to facilitate the exports as well as the organizations involved in research, training and those contributing to relevant policy and standards. He also spoke about the other aspects related to the citrus sector such as rootstocks used in Egypt, problems of concern and major constraints of the sector.

Dr. Emad Abd El Kader Hassan’s presentation focussed on organic citriculture and in particular the experience of Egypt in this area. The presentation addressed citrus nutrition and protection against pests and diseases by biological means.

Prof. Ahmed Mazih talked about current and future perspectives of phytosanitary problems in Morocco. In particular, the viruses, diseases, weeds, and pests that are present as well as their method of control (including biological control) and the introduction of Integrated Pest Management (IPM) into productive orchards.

On the topic of combating key citrus pests, Dr. Malika Bounfour informed the participants about implementing the Sterile Insect Technique for Medfly control in Morocco, detailing current status and future prospects. This concerned the introduction of this technique in a pilot area of the Souss valley and pinpointed future needs for exploring alternative control methods to support SIT releases such as biological control with parasitoids and mass trapping in buffer zones, highlighting in particular the need for international collaboration in implementation and research. In this respect, the organization ALBRA, a Moroccan Professional Association for Biological Control against Citrus and Vegetable Pests, was mentioned.

Dr. Mustapha Zemzami provided the industry perspective on the pests and diseases considered to be major threats to citriculture in the Mediterranean. Specifically mentioned were, Citrus Tristeza, Citrus Variegated Chlorosis, Greening, Sudden Death, and Citrus Canker.

Dr Hermine Reich gave an overview of the activities of the European Food Safety Authority in the formulation of regulations on Minimum Residue Levels (MRLs) of pesticides, which was of particular interest to the industry participants. The approach to the formulation of these regulations has changed and is designed

to be more transparent and simplified. In addition, to outlining the procedure step by step for the setting of MRLs, sources of useful information on this topic were provided including: the European Commission database on pesticide MRLs, the EFSA webpage on pesticide MRLs (with EFSA's reasoned opinions) as well as the contact of the team involved in this process.

Prof. Samir Droby, presented the current citrus post-harvest practices and future needs including: the factors influencing post harvest quality of citrus fruit; major challenges in citrus post harvest handling (Quality Issues); grading defects; mechanical damage; fungicides used to control post harvest decay of citrus fruit; regulations regarding fungicides; new fungicides tested against citrus moulds; integrated strategies to prevent post harvest decay. Future needs concern the areas of decay control, physiology and quality. He stated the need to adopt a multi-hurdle approach at the different stages of the process from the orchard to the packing house.

Mr Ikbal Srairi presented the topics of preliminary project proposals developed within the EuroMedCitrusNet project to stimulate interest and discussion among participants. These included: Variety Breeding for abiotic stress tolerance; Rootstock Breeding for abiotic and biotic stress tolerance; Variety Breeding for Improved Adaptation to Semi-arid conditions; Integrated Crop Management for Sustainable Citrus Production; Integrated Management of Actual and Potential Fruit Flies of Economic Importance for European and Mediterranean Citriculture; and Marketing, Supply Chain Management and Quality Systems. There was also interest in developing proposals in the area of irrigation and post harvest protection.

## **ANNEX 1 PARTICIPANTS AND ORGANIZING COMMITTEE**

This section identifies the participants in alphabetical order together with their organisations. Following this, the Organizing Committee is presented.

### **A1.1 Workshop Participants**

#### **Partners and Speakers**

<b>No</b>	<b>Name</b>	<b>Organization</b>	<b>Position</b>
1	Abd El-Fatah Ibrahim Magdy	Citrus Research Department, Horticultural Research Institute (HRI), Egypt	Partner
2	Ahmed Mazih	Institut Agronomique et Vétérinaire Hassan II, Complexe Horticole d'Agadir, Morocco	Speaker/Partner
3	Belen Baviera	Asociacion de Investigacion de la Industria Agroalimentaria (ainia), Spain	Partner
4	Brahim Hafidi	Institut Agronomique et Vétérinaire Hassan II, Complexe Horticole d'Agadir, Morocco	<b>Speaker/Partner</b>
5	Yann Froelicher	CIRAD, <b>Corse, France</b>	Speaker
6	Eftichios Protopapadakis	National Agricultural Research Foundation, Greece	Partner
7	Emad Abdelkader	Central Laboratory for Organic Agriculture, Cairo, Egypt	Speaker/Partner
8	Hermine Reich	European Food Safety Authority, Italy	Speaker
9	Ikkal Srairi	Station D'Emballage D'Agrumes Kabbage Souss, Agadir, Morocco	Partner/Speaker
10	Juan Alarcon	CEBAS-CSIC, Murcia, Spain	Speaker
11	Latif Guindy	Citrus Research Department, HRI, Cairo, Egypt	Speaker/Partner
12	Lucia Zappalà	University of Catania, Italy	Partner
13	Malika Bounfour	Direction de la Protection des Végétaux, Rabat, Morocco	Speaker
14	Marie Fauchadour	Euroquality, Paris, France	Partner
15	Mohamed El-Otmani	Institut Agronomique et Vétérinaire Hassan II, Complexe Horticole d'Agadir, Morocco	Partner/Speaker
16	Mustapha Zemzami	Domaines Agricoles, Rabat, Morocco	Speaker
17	Rachel Newton	Sociedade Portuguesa de Inovação (SPI), Porto, Portugal	Partner/Speaker
18	Salama Eid Salem	Director of HRI, Cairo, Egypt	Partner
19	Samir Droby	Volcani Centre, Rehovot, Israel	Speaker
20	Sanaa Zebakh	Point d'Information National, Département de L'Enseignement Supérieur et de la Recherche Scientifique, Rabat, Morocco	Speaker
21	Tuna Alemdar	Cukurova University, Turkey	Partner

**Other Participants**

No	Name	Organization	Country
1	ABAHA Lahcen	Qualité Port d'Agadir	Morocco
2	ABARBACHE Souad	DELASSUS	Morocco
3	Abdellah	Station Kayouh	Morocco
4	ABOUALI Fatima	DPA, Agadir	Morocco
5	ABOUATALLAH Ataa	Phytoconsulting	Morocco
6	ABOUYAZID Mouloud	ASPAM	Morocco
7	ABROUMI Abdelkader	Traduction Simultanée	Morocco
8	ACHOURI Mohamed	IAVCHA	Morocco
9	ADDAHRI Abderrahmane	Agrisouss	Morocco
10	AFECHTAL Mohamed	INRA Kénitra	Morocco
11	AFROKH Lahcen	IAVCHA	Morocco
12	AHADDAD Mohamed	Domaine El Boura	Morocco
13	AIT ADDI Lhabib	ESTA	Morocco
14	AIT EL AISSI	DESN	Morocco
15	AIT EL JADJ Jaafar	TAVAN Maroc	Morocco
16	AIT HAMMOU M'hamed	CMGP	Morocco
17	AITBENAOUMAR	Univ. Ibnou Zohr	Morocco
18	AITBIHI Nouredine	Domaines Agricoles	Morocco
19	AITLHAJ Abderrahmane	INRA AitMelloul	Morocco
20	AITOUBAHOU Ahmed	IAVCHA	Morocco
21	AKESSAB Hichame	COPAG	Morocco
22	AKHYAT Omar	Fac. Sciences, Agadir	Morocco
23	ALAMI Malika	L'Economiste Presse	Morocco
24	AMARI Mahjoub	MA.H.EL	Morocco
25	AMINE Jamal	Limouna Souss	Morocco
26	AMINI Hicham	FFA FEED & Food	Morocco
27	AMOUTFI Rabie	Domaine El Bourra	Morocco
28	ARBAOUI Hind	Limouna Souss	Morocco
29	ARFAOUI Mohamed Amal	IAVCHA	Morocco
30	ARMEL Jamal	SAPIAMA	Morocco
31	ATUK Ridvan	BALER FARMS	Turkey
32	AYOUB Mohamed	Phyto Consulting	Morocco
33	AZIM Khalid	INRA AitMelloul	Morocco
34	BABI Abdelrhani	Agrumar	Morocco
35	BAHTER Boujemaa	COPAG	Morocco
36	BAKRIM Lahcen	Journal Al Masaâ Presse	Morocco
37	BARAKET Mustapha	Groupe Salam	Morocco
38	BAZZI Lhoucine	EACCE	Morocco
39	BELARBI Khalid	Traduction Simultanée	Morocco
40	BELGHITI Seddik	Priagrus	Morocco
41	BELLAMQADDAM Abderrahim	IAVCHA	Morocco
42	BELLOUCHE Hassan	ORMVASM	Morocco
43	BEN GHANEM Adil	Traduction Simultanée	Morocco
44	BEN HAMMOU Fouad	Domaine El Bourra	Morocco
45	BEN MERIEME Mohamed	Domaine El Bourra	Morocco
46	BEN YAICH Mostapha	Domaine El Bourra	Morocco

<b>No</b>	<b>Name</b>	<b>Organization</b>	<b>Country</b>
47	BENAMAR Mouloud	Domaines EJJENNANE	Morocco
48	BENAZOUN Abdessalam	IAVCHA	Morocco
49	BENCHEKROUNE Saad	EACCE	Morocco
50	BENDAHA Abdessadek	COPAG	Morocco
51	BENHADDOU Ahmed	Maroc Fruit Board	Morocco
52	BENIDA El Moukhtar		Morocco
53	BENIKEN Lhou	INRA Rabat	Morocco
54	BENISMAIL My Chérif	IAVCHA	Morocco
55	BENSIDI Hajar	Domaines Agricoles	Morocco
56	BENZINE Mohamed	EACCE	Morocco
57	BERRIGUA Mohamed	ASPAM	Morocco
58	BIJILA Brahim	SNRT Presse	Morocco
59	BORAFI Abdelghani	Domaine El Boura	Morocco
60	BOUABDALLAH Mohamed	SAKATA Seeds	Morocco
61	BOUAMRI Rachid	Domaines Brahim Zniber	Morocco
62	BOUBAKER Hassan	Univ. Ibnou Zohr	Morocco
63	BOUDERHEM Dounia	Station Kabbage Souss	Morocco
64	BOUDREBILA Mokhtar	Domaines Agricoles	Morocco
65	BOUDYACH Elhassan	Fac. Sciences Agadir	Morocco
66	BOUHARROUD Rachid	COPAG	Morocco
67	BOUHDOUN Miloud	Groupe Salam	Morocco
68	BOUHDOUN Mohamed	Groupe Salam	Morocco
69	BOUHIDA Mohamed	IAVCHA	Morocco
70	Bouikelfiden Miloud	IAVCHA	Morocco
71	BOUMKASS Mustapha	MARBAR	Morocco
72	BOUNEJMA Khalid	DELASSUS	Morocco
73	BOURACHDI Younes	SAPIAMA	Morocco
74	BOURRICHE Thami	DELASSUS	Morocco
75	BOUSSERGHINE Rachid	Limouna Souss	Morocco
76	BOUZIANE Mounia	IAVCHA	Morocco
77	BOUZOUBAA Zakia	INRA AitMelloul	Morocco
78	CASTORO Julie	Agriculture du Maghreb	Morocco
79	CHADLI Salah	APEFEL	Morocco
80	CHAHIDI Bouchra	GPA	Morocco
81	CHAIB Abdellah	Domaine Abbès Kabbage	Morocco
82	CHAMEKH Ayoub	IAVCHA	Morocco
83	CHARIF Larbi	DELASSUS	Morocco
84	CHEBLI Bouchra	ENSA Agadir	Morocco
85	CHIKHI Elhassane	Agrumar	Morocco
86	CHOUHAB Aimad	Ager Expert Consulting	Morocco
87	CHOUIBANI Mekki	Ministère d'Agriculture	Morocco
88	DACH Boutayeb	TAVAN Maroc	Morocco
89	DAOUD Salma	Fac. Sciences	Morocco
90	DERRAB Ahmed	ASPAM	Morocco
91	Directeur	Traduction Simultanée Mission Conceil	Morocco
92	DLIOU Ahmed	ASPAM	Morocco
93	ECHAOUI Miloud	COPAG	Morocco

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<b>No</b>	<b>Name</b>	<b>Organization</b>	<b>Country</b>
94	EL AALOUJ Zohra	Priagus	Morocco
95	EL AISSI Mohamed	Comptoire Agricole du Souss	Morocco
96	EL AJI Loubna	IAVCHA	Morocco
97	EL ALAOUI Assia	SNRT Presse	Morocco
98	EL BOUKILI Badia	Comptoire Agricole du Souss	Morocco
99	EL FALI Abdelkébir	Groupe Salam	Morocco
100	EL FANNAN Hicham	Domaine Abbès Kabbage	Morocco
101	EL GHAZI Mohamed	ALAHDATE ALMAGHRIBIA PRESSE	Morocco
102	EL GUENG Mohamed	ASPAM	Morocco
103	EL JIATI Abdelazize	DPVCTRF	Morocco
104	EL KHASSAL Ahmed	Domaine El Bourra	Morocco
105	EL MALHI Khalil	IAVCHA	Morocco
106	EL MOUHIR Tarek	IAVCHA	Morocco
107	EL OMARI Fatimazahra	IAVCHA	Morocco
108	EL OMARI Said	RadioPlus Presse	Morocco
109	ELFADL Abdellatif	IAVCHA	Morocco
110	ELHAOUJJE Ahmed	Limouna Souss	Morocco
111	ELHARD Mohamed	Commerce de Fertilisants et Pesticides	Morocco
112	ELHARRAK Mouhsin	Syngenta	Morocco
113	ELHASNAOUI Abdelaziz	INRA Rabat	Morocco
114	EL-HASSANI Said	Agrosynergie	Morocco
115	ELHAZZAM Mustapha	ASPAM	Morocco
116	ELJAOUHARI Nabil	Phytoconsulting	Morocco
117	ELMASBAHI Bader	Agrumar	Morocco
118	ELMOUSADIK Abdelhamid	Univ. Ibnou Zohr	Morocco
119	ELOMARI Hicham	Agrotech, Agadir	Morocco
120	El-Otmani Rachida	IAVCHA	Morocco
121	ELOUAFI Hind	Agriculture du Maghreb	Morocco
122	ELTAZI Said	Domaines Agricoles	Morocco
123	ERRIMALI Anissa	IAVCHA	Morocco
124	ERROTBI Hicham	ORMVASM	Morocco
125	ESSADEK Abdelkarim	Limouna Souss	Morocco
126	ETTAGUI Lbachir	Domaine El Bourra	Morocco
127	ETTAOUIL Driss	TAVAN MAroc	Morocco
128	EZZOUBIR Driss	Bureau d'Ingénierie en Horticulture et Agroindustrie	Morocco
129	FADEL Driss	Limouna Souss	Morocco
130	FAHAD Kaoutar	INRA Kénitra	Morocco
131	FAKCHICH Moussa	Charaf Corporation	Morocco
132	GHORBAL Ibtissam	IAVCHA	Morocco
133	GOUMARI Mustafa	IAVCHA	Morocco
134	HACHAM Rachid	COPAG	Morocco
135	HAMHAM Brahim	Agrumar	Morocco
136	Hamid	Station Procit	Morocco
137	HAMZA Abdelhak	INRA Kénitra	Morocco
138	HANNAFI Hicham	Marbar Chimie	Morocco
139	HAOUAS Fouad	Coopérative Zaouia	Morocco
140	HASNI Ahmed	APEFEL	Morocco

<b>No</b>	<b>Name</b>	<b>Organization</b>	<b>Country</b>
141	HASSANI Lahcen	Domaine El Bourra	Morocco
142	HAYAR Mouloud	ASPAM	Morocco
143	HDAD Aziz	Société Feed and Food	Morocco
144	HIMMI Salah	Limouna Souss	Morocco
145	HJIEJ Mouad	IVCHA	Morocco
146	HORMATALLAH Abderrahim	IAVCHA	Morocco
147	IBRIZ Mohammed	Université Ibn Tofail, Faculté des Sciences	Morocco
148	IDRISSI HASSANI Lalla Mina	Univ. Bnou Zohr	Morocco
149	IDRISSI KHAMLIHI Youness	IAVCHA	Morocco
150	INTRIGLIOLO Diego S.	Inst. Valenciano Investigaciones Agrarias	Spain
151	IRICHI Salaheddine	BAYER	Morocco
152	JAHAZ Abdelilah	Limouna Souss	Morocco
153	JAHOUER Abdelaziz	IAVCHA	Morocco
154	JAOUTE Karim	FELLAH CONSEIL	Morocco
155	JEBHA Youssef	Coopérative Zaouia	Morocco
156	JELLOULI Youssef	TAVAN Maroc	Morocco
157	KABAGGE Salwa	GPA	Morocco
158	KABOUS El Mostafa	IAVCHA	Morocco
159	KACHKACH Naima	Station Kabbage Souss	Morocco
160	KANAZI Mohamed	COPAG	Morocco
161	KATRAOUI M'hamed	Domaine El Bourra	Morocco
162	KAYOUH Omar	Domaine Kayouh	Morocco
163	KHALALI Ali	IAVCHA	Morocco
164	KHAYATI Mohamed	Priagrus	Morocco
165	KHOUIMI Leila	SAPIAMA	Morocco
166	KHOUIRA Mohamed	COPAG	Morocco
167	LAAMIM Mostafa	IAVCHA	Morocco
168	LAAOUANE Lahbib	EACCE	Morocco
169	LAFRAOUI Abderrazak	Domaine El Bourra	Morocco
170	LAHMA Youssef	Agrumar	Morocco
171	LAHNOUD Mohamed	COPAG	Morocco
172	LAKHAL Hicham	Station Soussia	Morocco
173	LAKHDISSI Hassane	Domaines Agricoles	Morocco
174	LAMHARCHI Hassan	ORMVASM	Morocco
175	LAMSIYAH Mouhcine	SAPIAMA	Morocco
176	LAMZAOUK Mustapha	Domaine El Bourra	Morocco
177	LASSAKRI Abderrahim	Agrumar	Morocco
178	LEBDI Kaouther	INATunisie	Tunisia
179	LEBIYEDH Brahim	Modag	Morocco
180	LEMEGHEYERATTE Abdelilah	EACCE	Morocco
181	LEO Cadia	Traduction Simultanée (Interprète)	Morocco
182	LEPAGE Alexandre	CABC, Station Soussia	Morocco
183	LEFADELI Rachid	Producteur	Morocco
184	LHAMOUS Aomar	Domaine Ouled Berhil (Bounacer)	Morocco
185	LMZILINE Jamal		Morocco
186	MAHER Mustapha	COPAG	Morocco
187	MALKI Mouloud	IAVCHA	Morocco

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<b>No</b>	<b>Name</b>	<b>Organization</b>	<b>Country</b>
188	MARHOUM Nizar	IAVCHA	Morocco
189	MEGGOURI Kamal	Domaine El Bourra	Morocco
190	MERNISSI L'houcine	Filiale SPECHIMA	Morocco
191	MEZGARE Mohamed	ORMVASM	Morocco
192	MOKHTARI Mimoun	IAVCHA	Morocco
193	MOKRINI Fouad	INRA Kénira	Morocco
194	MONSIF Soufiane	ENCG	Morocco
195	MOUNHIM Hassan	IAVCHA	Morocco
196	MOUSTATIA Hakima	DELIASSUS	Morocco
197	MZIMIZ Hassan		Morocco
198	N'AIT L'CAID Hanan	IAVCHA	Morocco
199	NABIL	Traduction Simultanée (Interprète)	Morocco
200	NADORI EIBachir	Producteur	Morocco
201	NAKHALI Fatiha	AL BAYANE Presse	Morocco
202	NIA Mohamed	Domaines Agricoles	Morocco
203	NUNES Carla	Universidade do Algarve-CDCTPV	Portugal
204	OUAHID Mustapha	BAYER	Morocco
205	OUARDI Badre	IAVCHA	Morocco
206	OUBOURHIM Abderrahim	COPAG	Morocco
207	OUCHCHEN Jabrane	IAVCHA	Morocco
208	OUDARI Fatine	SNRT Presse	Morocco
209	OUGUELLIT Abdelkrim	GPA	Morocco
210	OUIDANI Omar	Limouna Souss	Morocco
211	OULAMMOU Mohamed	Université Ibnou Zohr	Morocco
212	OUTMANE Hajj	SAOAS/Alphachimie	Morocco
213	OUZINE Mehdi	EMC Land	Morocco
214	PERRAKI Artemis	Research Program of NAGREF	Greece
215	RACHIDI Abdallah	Domaines EJJENNANE	Morocco
216	RAFI Mohamed Amine	COPAG	Morocco
217	RAIQ Abdelhafid	IAVCHA	Morocco
218	REMAH Abdellah	IAVCHA	Morocco
219	RHIOUI Yassin	IAVCHA	Morocco
220	RHOUMARI Yahya	ORMVA Berkane	Morocco
221	SABER Majda	Aujourd'hui le Maroc Presse	Morocco
222	SADIKI Mohamed	IAV Rabat	Morocco
223	SAHRAOUI Mohamed Amine	Prima Souss	Morocco
224	SALAHEDDIN Abdenaceur	IAVCHA	Morocco
225	SALAZAR Miguel	Serviço Técnico Poscolheita - IRTA	Portugal
226	SALOUANE Mouna	IAVCHA	Morocco
227	SAYARH Marwane	GPA	Morocco
228	SBIHI Hassan	PRIMA SOUSS	Morocco
229	SBRI Hicham	Coopérative Zauouia	Morocco
230	SEBBATA Abdelmoghite	Domaines Agricoles	Morocco
231	SEDKI Mohamed	INRA AitMelloul	Morocco
232	SEKMOUTI Mohamed	GPA	Morocco
233	TAATMANT Adil	IAVCHA	Morocco
234	TAGROURET Taoufiq	Domaine Abbès Kabbage	Morocco

No	Name	Organization	Country
235	TALBI Mohamed	Domaine El Bourra	Morocco
236	TALHI Mahjoubah	IAVCHA	Morocco
237	TAOURA Mustapha	ORMVASM	Morocco
238	TARAF Abdellatif	EACCE	Morocco
239	TOHANI Mohamed	Domaine El Bourra	Morocco
240	WIFAYA Ahmed	INRA AitMelloul	Morocco
241	YILDIRIM Bilge	University of Cukurova	Turkey
242	ZAHIDI Mohamed	APEFEL	Morocco
243	ZAHRI Sabah	IAVCHA	Morocco
244	ZAMZAM Driss	DPVCTRF	Morocco
245	ZEMZAMI Mustapha	Domaines Agricoles	Morocco
246	ZIALI Ahmed	ASPAM	Morocco
247	ZINE El alami	EACCE	Morocco
248	ZOUADA Mohamed	Domaine El Bourra	Morocco
249	ZOUMAK Abdelhadi	COPAG	Morocco

## **A1.2 Organizing Committee**

The EuroMedCitrusNet EU Regional Conference was organized by Institut Agronomique et Vétérinaire Hassan II, which is a partner in the EuroMedCitrusNet project. The following individuals were involved in activities to support the organization of the EuroMedCitrusNet EU Regional Conference including simultaneous translation between English and French and are listed in the table below.

Name and surname	Organisation	Task
Mohamed EL-OTMANI	IAV Hassan II	Chair of the Conference and of the organizing Committee and in charge of contacts with participants, invited speakers, sponsors etc., program coordinator etc.
Mahjoubah TALHI	IAV Hassan II	Secretariat and preparation of the Conference documents, registration etc.
Rachida BAKKOU	IAV Hassan II	Registration and reception of the participants
Mustafa GOUMARI	IAV Hassan II	Local arrangements
Youness IDRISSE KHAMLICHI	IAV Hassan II	Webmaster and information systems
Abdelaziz JAHOUER	IAV Hassan II	Photographer and video recording of the Conference
Ali KHALALI	IAV Hassan II	Local arrangements
Abdelhafid RAIQ	IAV Hassan II	Accounting
Abdenaceur SALAHEDDINE	IAV Hassan II	Preparation of the documents for the Press
Miloud BOUIKELFIDEN	IAV Hassan II	Transportation of the participants
Mohamed Amal EL ARFAOUI	IAV Hassan II	Transportation of the participants
Nourredine OUZEDDI	ACE Conseil	Accounts auditing and certification
Cadia LEO	Mission Conseil	Simultaneous translation
Nabyle CHAFI	Mission Conseil	Simultaneous translation
Lahcen AFROKH	IAV Hassan II	Local arrangements and administrative support
Brahim Hafidi	IAV Hassan II, Director of IAV Hassan II, Complexe Horticole d' Agadir	Administrative assistance for the organisation of the conference
Ikbal Srairi	Station Kabbage Souss	Support to sponsorship procurement and organization
Ahmed Benhaddou	Maroc Fruit Board	Support to sponsorship procurement and organization

**ANNEX 2 PRESENTATIONS**