



2nd SDSN Mediterranean Conference

Siena

5-6 March 2015

Co-organised by



REGIONE
TOSCANA



Partners



With the auspices of




Con il Patrocinio di



PARLIAMENTARY ASSEMBLY OF THE MEDITERRANEAN
ASSEMBLEE PARLEMENTAIRE DE LA MEDITERRANEE
الجمعية البرلمانية للبحر الأبيض المتوسط

Solutions for Agri-food Sustainability in the Mediterranean

Policies, Technologies and Business Models



Agriculture and food will play a prominent role in the post-2015 agenda, for all countries in the Mediterranean and beyond. A sustainable development path for future food systems will require transformative changes in technologies, policies and behavior of all actors along the whole food chain. Many interventions are needed and not all can be done at once and in every country. Changing diets towards more healthy, less resource-intensive food is likely to be a slow, uneven process. On the supply side, a critical issue is to increase production on existing crop land by closing yield and efficiency gaps and thus utilizing natural resources more widely, but all this needs to be done in the context of meeting consumer demands for safe, high-quality food. Wide access to state of the art knowledge and technology is a prerequisite for achieving a sustainable intensification of agriculture. Many of the solutions exist or could, with wise investments, become available in the next 10-20 years. The Mediterranean region has a long history of food production and food culture in an environment that presents many socioeconomic and biophysical challenges. New technologies and new business models for farming and food processing will need to play a major role in the region's future development. This conference will explore possible pathways and solutions for the region to become a showcase for sustainable agro-food culture, with responsible business development as a key driver for rural development and sustainable use of natural resources for high-quality food production.

The conference will provide a platform for debate and exchange of information for network partners, policymakers, scholars and stakeholders who have an interest in agro-food sustainability in the Mediterranean region. The outcome of the conference will be an advancement in the definition of a Mediterranean perspective on agro-food sustainability within the post-2015 era, as proposed by SDSN. Outputs of the Conference will include a position paper summarizing a discussion of specific challenges facing Mediterranean societies, an exchange of views on relevant regional indicators and targets for sustainable agriculture, as well as the adoption of possible solutions.

The United Nations SDSN Initiative

Launched by UN Secretary-General Ban Ki-moon in August 2012, the **Sustainable Development Solutions Network** (SDSN) mobilizes scientific and technical expertise from academia, civil society, and the private sector in support of sustainable development problem solving at local, national, and global scales. SDSN is chaired by Jeffrey Sachs from Columbia University (for more details see unsdsn.org).

University of Siena coordinates the SDSN Regional hub for the Mediterranean.

The 2015 Conference will mainly focus on the following topics

Efficiency Use of Resources in Agriculture

Transformative Changes in Technologies and Policies in Agri-food Culture

New Business Models for Agriculture

Special Sessions will be planned to present:

Solutions for Agri-food Sustainability proposed by MED Solutions members;

SDSN Youth initiative.



PROGRAMME

MARCH 5, 2015

8:45-9:00 Registration

9:00-09:45 Welcome remarks

Angelo Riccaboni, UN SDSN Mediterranean Chair

Gianni Salvadori, Agriculture Minister, Tuscany Region, *Policy and Vision in Agri-food Sustainability "Made in Tuscany"*

Piermaria Corona, Director of "Agriculture Research Council" CRA, Arezzo, Delegate for Ministry of Agricultural, Food and Forestry Policies, Italy

Khaled Makkouk, Advisor for Agriculture and Environment, National Council for Scientific Research, CNRS, Lebanon

Franco Rizzi, Secretary General of *UniMED*

09:45-11:30 **Agri-food Visions from the Global to the Mediterranean Context**

Achim Dobermann, Director of Rothamsted Research, *Setting Relevant Regional Indicators and Targets for Sustainable Agriculture*

Eugenia Ferragina, ISSM, CNR, *Water and food security in the Mediterranean: strategic issues influencing the geopolitical equilibrium at national and regional scale*, Italy

Alice Perlini, Programme Manager of "Feeding Knowledge", *Feeding Knowledge Programme - a legacy of Expo 2015*, Italy

11:30-11:45 Coffee Break



11:45 -13:30 **Session 1: Efficiency Use of Resources in Agriculture**

Chair: **Achim Dobermann**

Anagnostis Argiriou, Centre for Research and Technology, *Developing a framework for responsible innovation in the Mediterranean perspective: the case of -omics science*, Greece

Morsi El Soda, Alexandria University, *Milk, an elixir for life or a deadly poison*, Egypt

José T. Esquinas Alcázar, Former Secretary of the FAO's Commission on Genetic Resources, *Plant Genetic Resources for Sustainable Agriculture and Food Security in the Mediterranean*, Spain

Florence Jacquet, Researcher France INRA, UMR Moisa, *Sustainable Agricultural Development in the Mediterranean Area*, France

Levent Kurnaz, Co-Chair, SDSN Turkey, *Efforts towards enhancing sustainable agriculture in Turkey*, Turkey

Discussion

13:30-14:30 Lunch Break

14:30-16:00 **Session 2: Transformative Changes in Technologies and Policies in Agro-food Sector**

Chair: **Sébastien Treyer**, Director of Agricultural Program at IDDRI, France

Aden Aw-Hassan, Director, ICARDA, *Harnessing innovations in transforming agriculture in the South Mediterranean Countries*, Jordan

Gabriele Canali, University "Cattolica del Sacro Cuore", Piacenza, *Towards sustainable agri-food chains ... avoiding sustainability traps*, Italy

Marwan Haddad, Water and Environmental Studies Institute, An-Najah National University, Palestine, *Policy Change: Bottom Up Approach for Better Agro-Food Management and Sustainability in the Mediterranean*, Palestine

Samira Nefzi, Tunisian Observatory of Environmental and Sustainable Development, *Directions and Orientations of a sustainable agriculture*, Tunisia

Claudio Rossi, University of Siena, Italy, *Tuscan Food Quality Centre*, Italy

Discussion



16:00-16:15 Coffee Break

16:15-17.30 Session 3: New Business Models for Agriculture

Francesco Candelari, Fondazione CRT, UNAOC - *Entrepreneurs for Social Change*, Italy

Dionys Forster, Corporate Operations Agriculture, Nestlé – *A Corporate Perspective on Agricultural Sustainability*, Switzerland

Malek Lakhoua, Domaine Sidi Mrayah, *The case of sustainable business transformation in Tunisia: olive oil and olive-based products, autochthonous cereals and solutions for efficiency use of resources in agriculture*, Tunisia

Mark Leighton, Sustainability and Environmental Management Program (SEM), Harvard Extension School, *Research and analysis to develop small scale farm enterprises and investment policies*, U.S.A.

Discussion

17:30-18:00 Skype connection with **Jeffrey Sachs**

18.00-19.30 Session 4: The Role of Youth for Sustainable Development; Towards the Launch of SDSN Youth

Achim Dobermann, *Opening remarks*

Dario Piselli, University of Siena, Italy, *The vision and mission of SDSN Youth. The role of youth in the transition from the MDGs to the SDGs*

Sila Temizel - Bogazici University, Turkey, *Proposed structure of SDSN Youth and institutional integration with SDSN*

Fulya Kundaklar, Bogazici University, Turkey, *SDSNY campaigns, involvement in the SDGs process, and issue integration with SDSN*

Dario Bettaccini, University of Siena, Italy, *SDSNY outreach with regard to youth worldwide and educational initiatives*

Other Participant from SDSN Youth: Jessica Arkesden - University of Leeds, U.K.

20.00 – Cocktail and light dinner



MARCH 6, 2015

09:15-10:30 **Panel: The Role of Cooperation to deal with MED Agri-food Challenges**

Abdelilah Afifi, Ministry of Higher Education, Scientific Research and Executive Training, Morocco

Ilan Chet, Deputy Secretary General, Union for the Mediterranean, Spain

Abdelhamid El-Zoheiry, President, EMUNI University, Slovenia

Tia Kansara, Director, Kansara Hackney Ltd, PhD Researcher, UCL Energy Institute, UK

Cosimo Lacirignola, Secretary General, CIHEAM Bari, Italy

Dimitris Tsaltas, Cyprus University of Technology, Cyprus

Discussion with Participants moderated by **Achim Dobermann** and Remarks by Workshop Moderators

10:30-10:45 Coffee Break

10:45-13:00 **Session 5: Solutions and Projects on Agri-Food Sustainability**

Contributions among others by:

Claudio Bogliotti, CIHEAM – IAMB, *“MedSpring: research solutions for innovation and cooperation in the Food sector”*, Italy

Susanna Cenni, Camera dei Deputati, Membro Commissione Agricoltura

Sergio Piazzì, Secretary General of the Parliamentary Assembly of the Mediterranean (PAM), *The Role of Parliamentary Diplomacy in addressing Food-Security*, Malta


Cristina Fossi, University of Siena, *Plastic Busters Flagship Initiative*, Italy

Representatives of Italian Navy, *Collaboration with University of Siena for Plastic Busters Initiative*

Solutions presented by:

Fabio Fava, University of Bologna, *NAMASTE - New Advances in the integrated Management of food processing waste in India and Europe: use of Sustainable Technologies for the Exploitation of by-products into new foods and feeds*, Italy

Valentina Giannini, CMCC, *Methods and tools for a sustainability analysis of conservation agriculture in Morocco: the ACLIMAS Project*, Italy



Gianni Gilioli, University of Brescia, SPMP-MED - *A Sustainable Pest Management technological Platform for the MEDiterranean basin*, Italy

Solutions youth:

Tommaso Campani, University of Siena, *Innovative methods to recycle by-products of olive oil production and their reuse as soil improvers in agriculture and plant nursery*, Italy

Projects:

Simone Borghesi, University of Siena, FDI, *Environmental externalities and capital segmentation in a poor rural economy*, Italy

Claudio Cantini, University of Siena, *Guardians of Agro-Biodiversity: Recovery and Exploitation of local fruit Germplams for Sustainable Farming*, Italy

Naida Corsi, IPASS S.c.ar.l, *An innovative technology for fabrication of metallic membranes for agro-food industry wastewater treatment*, Italy

Franco Cotana, University of Perugia - CIRIAF, *Project CLASS - Cluster on Environmental Footprint and Sustainable Development*, Italy

Antoine Farhat, Notre Dame University, *Nutritional Solution for Recycled Industrial Food Waste*, Lebanon

Alessandro Galli, Global Footprint Network, *Ecological Footprint of Mediterranean countries: A focus on food resource's access and utilization*, Italy

Valeria Paganizza, University of Eastern Piedmont, *Edible Insects: Food for the Future? A Legal Perspective*, Italy

13:00-13:30 **Concluding Remarks** by **Angelo Riccaboni** and **Achim Dobermann**

13:30-14:30 Lunch Break

15:00-16.30 SDSN Mediterranean Partners' Meeting