

A Mediterranean action plan for climate change mitigation through Organic Farming

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Mediterranean and Climate Changes

- Temperature increase
- Sea level rise
- Extreme weather phenomena

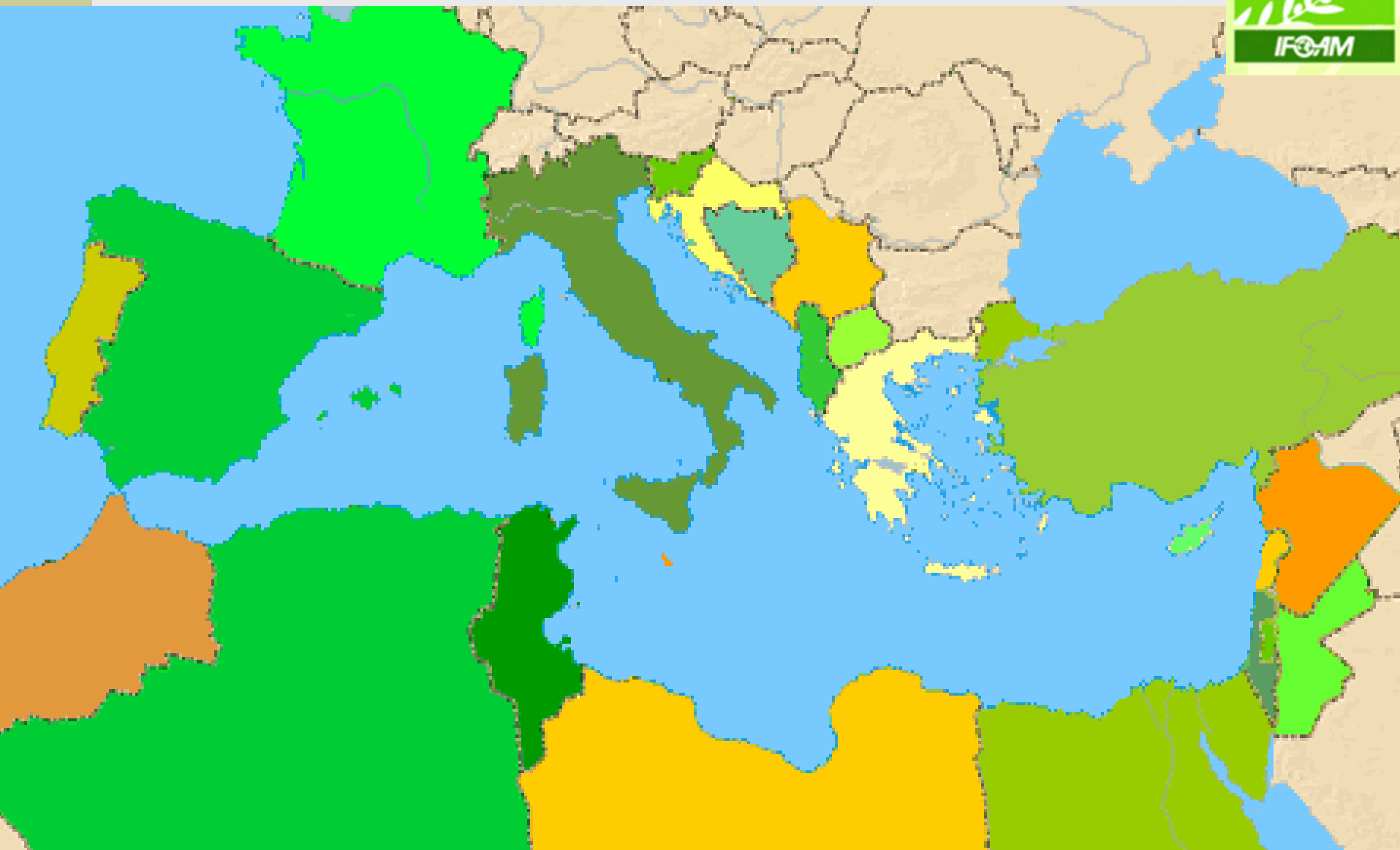


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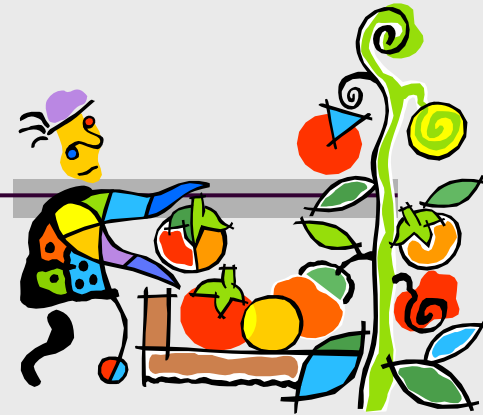
Appearing problems

- CO₂ (carbon dioxide) Emissions
- CH₄ (methane)
- N₂O (nitrous oxide)
- Ecosystems degradation
- Negative influence in agricultural production
- Increase of prices (FAO)
- Energy



“Hot Sectors”

- Agriculture
- Husbandry
- Natural Resources
- Conservation and Management of ecosystems
- Conservation of landscapes (land use)
- Biodiversity
- Rural development
- Trade



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Agriculture

- Selection of hydrophobic varieties
- Support of local and traditional varieties
- Re-diathrosis and preservation of the country side
- Support the establishment of new kind of cultivations
- Creation of organic zones (diminution of cost, of emissions and prompt and effective treatment)
- Awareness and education of producers, consumers and eco- teams
- Creation of action and management plan for the Mediterranean



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Husbandry

- Pastures
- Animal Food
- Diseases and animal health
- Influence in breeding
- ▶ animal food
- ▶ welfare
- ▶ waste animal disposal, management and process



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Priorities

- Administration of Natural Resources
- Soil
- Water
- ▶ Ecological balance, stabilization of food system, financial support



Administration of Natural Resources

- Preservation of countryside treatment
 - ▶ plant border and lea-meadow
 - ▶ flora and fauna
 - ▶ aquifers and aquiferous flows
 - ▶ soil
 - ▶ Water
 - ▶ biodiversity



Soil and OA

- Fertility
- Avoid Erosion
- Organic matter
- Soil cultivation
- Desertification



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Water and OA

- Quality
- Quantity
- ▶ Rational use and management



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Biodiversity and OA

- Balance of ecosystems
- Respect of ecosystems
- No chemicals ► protection of species, habitats, ecosystems, natural chain



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Temperature increase

- Tropic situation
- Adaptation of cultivations and varieties
- Research for new organic technologies
- Models for avoiding desertification
- Measures to protect soil and to ensure fertility
- Models and actions to prevent cultivating changes (maturation, harvest...)



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Sea level rise

- Diminution of cultivating land
- Soil degradation (salinity)
- Aquifers influence
- Coastal micro- climate conditions in countryside areas
- Changes in biodiversity



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Emissions-energy

- Biomass
- Solar energy
- Control of cultivation with agricultural machines
- Creation of Management Plan (promote seasonal products)
- Food miles
- Regional development
- husbandry



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Proposals

- Creation of a MED network for Protected Areas and OA
 - ▶ protect species,
 - ▶ protect ecosystems,
 - ▶ protect landscapes,
 - ▶ protect culture,
 - ▶ protect agricultural development
 - ▶ awareness and education

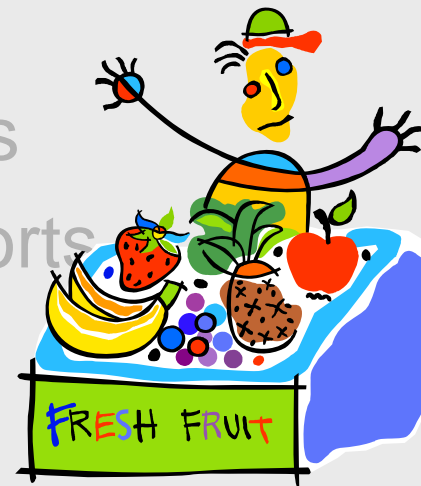


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Trade

- Creation of a MED network for trading
- ▶ Common policies to promote MED products
- ▶ Support of local and regional markets
- ▶ Well recognized and with powerful labeling products
- ▶ Creation of quality standards
- ▶ Balance of imports and exports



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Sustainability and development

- Agro tourism and Ecotourism
- Prominence of uniqueness of Med landscape
- Protection of ecosystems
- Creation of a network for sustainable development
- Decrease in land migration
- Social profile



- ▶ The combination: landscape, protection of the environment and agriculture through an organic holistic reality can be the outlet to CC

Action

- www.earthhour.org



Thank you for your attention

