



Accommodating Bio-Control tools in non-OECD Countries – The roles of FAO and Industry

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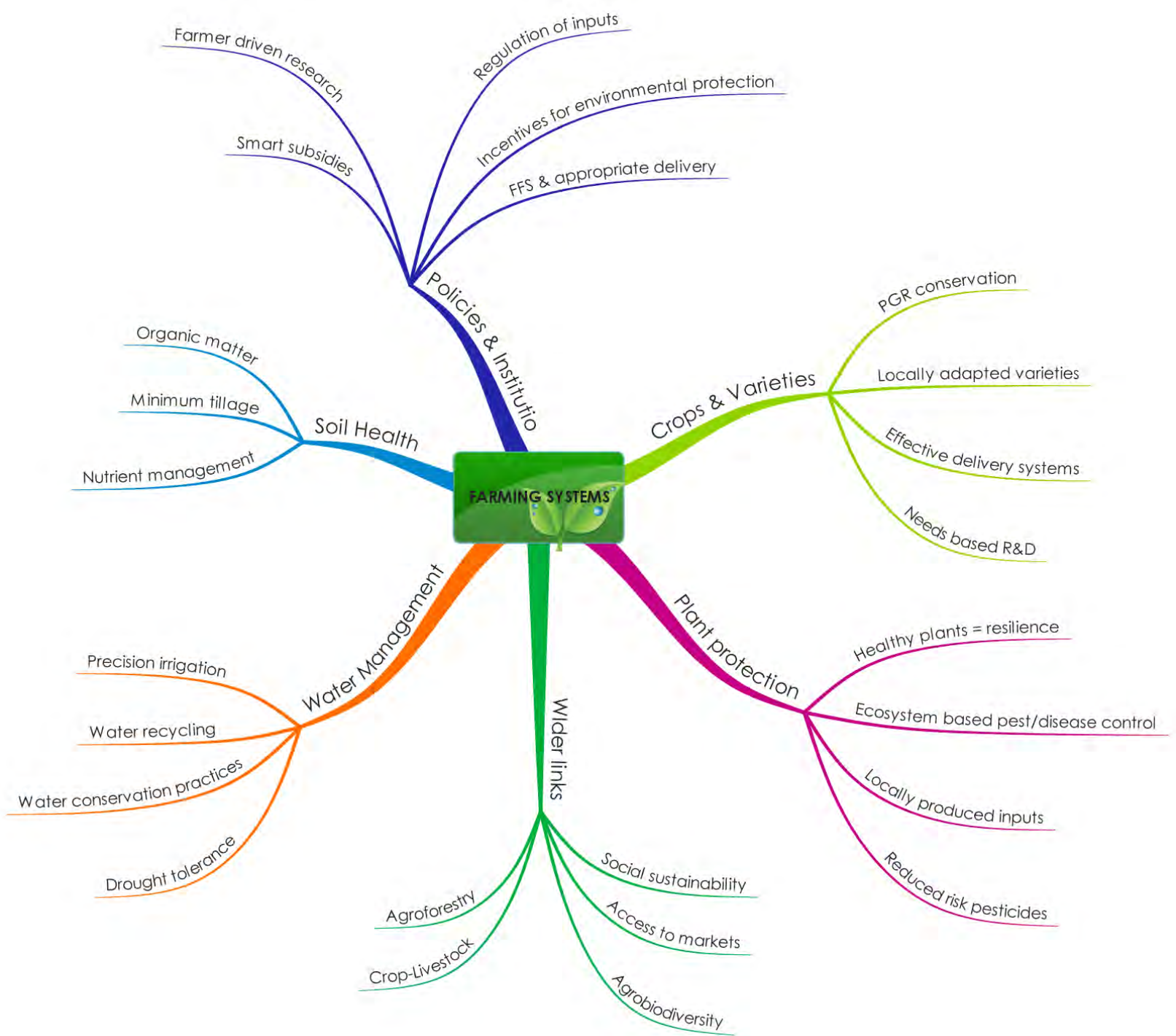


The Save & Grow Vision of sustainability



- How to produce more crops from the same available natural resources in a sustainable manner.
- Agro-ecological approaches connect several aspects of crop production and ensure sustainability
- 75 percent of undernourished live in rural areas; smallholders produce 80% of food; smallholders manage 80% of farmland;
- increased productivity = the key to increased food production, food security and income





Where are we now?



PESTICIDES

- Excellent distribution
- Free advice
- Track record – things die
- Growing market - +3-4%/a in Africa
- Shifting production – patriotism
- Weak enforcement
- Poor technical capacity
- Wavering policies
- Problems
 - Toxic
 - Biodiversity
 - Resistance

IPM

- Slow dissemination
- Costly implementation
- Good successes poorly reported
- EU Directive 2009/128/EC requires IPM
 - Knowledge based
 - Policies contradictory
 - Tool availability challenging
 - Sustainability





What are we doing?

- International Code of Conduct on Pesticide Management
http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/Code/Code2013.pdf
- Guidelines & Tools
- Pesticide Registration
 - Legislation/regulations
 - Regional harmonization
- Capacity building
 - Post registration management of pesticides
 - IPM



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PESTICIDES





Key questions about biopesticides

What are they?

- Botanicals?
- Microbials?
- Diseases?
- What can they do?
- What can't they do?
- Whose genetic resources are they?

Making them available

- How are they registered?
- Where are they made?
- How are they distributed?
- Shelf life?
- Application?

Opportunities

- Local production
- Local distribution
- Local service provision





The conversation we need to have

- How to biopesticides contribute to Sustainable Production Intensification?
- How can they benefit economic and social development and sustainability of rural communities in developing countries?
- How can we develop scenarios that differ from standard agricultural input supply and PPP models?



**PESTICIDE
RISK
REDUCTION**



MORE FOOD LESS RISK

www.fao.org/agriculture/pesticides



Thank you for
your attention