

Practical Action Consulting RE4Food and Post- Harvests Market Systems in Kenya



Mattia Vianello & Victor Esendi
RE4Food Meeting, Kumasi 13-14 Sep 2015

Practical Action Consulting



- Consulting arm of Practical Action - UK charity working for technology justice in developing countries
- Provides independent, professional consulting services in the use of technology for poverty reduction to governments, NGOs, donors and the private sector
- Worked in energy access for >40 years

Food & agriculture

Climate change

Energy

Knowledge &
communications

Disaster risk
reduction

Markets



Click on an area above to reveal more

REGIONS WHERE WE WORK



UK office

Latin America

Western Africa

Eastern Africa

Southern Africa

Asia

South Asia

What we do:

- Technical Assistance to design and implementation of energy access delivery projects
- Developing and testing new technologies
- Research - evidence on impacts and delivery models
- Policy & regulation advice
- Facilitating energy market development

PAC in RE4Food

- Field research in Kenya
- Market systems analysis
- Energy technologies
- Knowledge dissemination
- Networks



Market system development



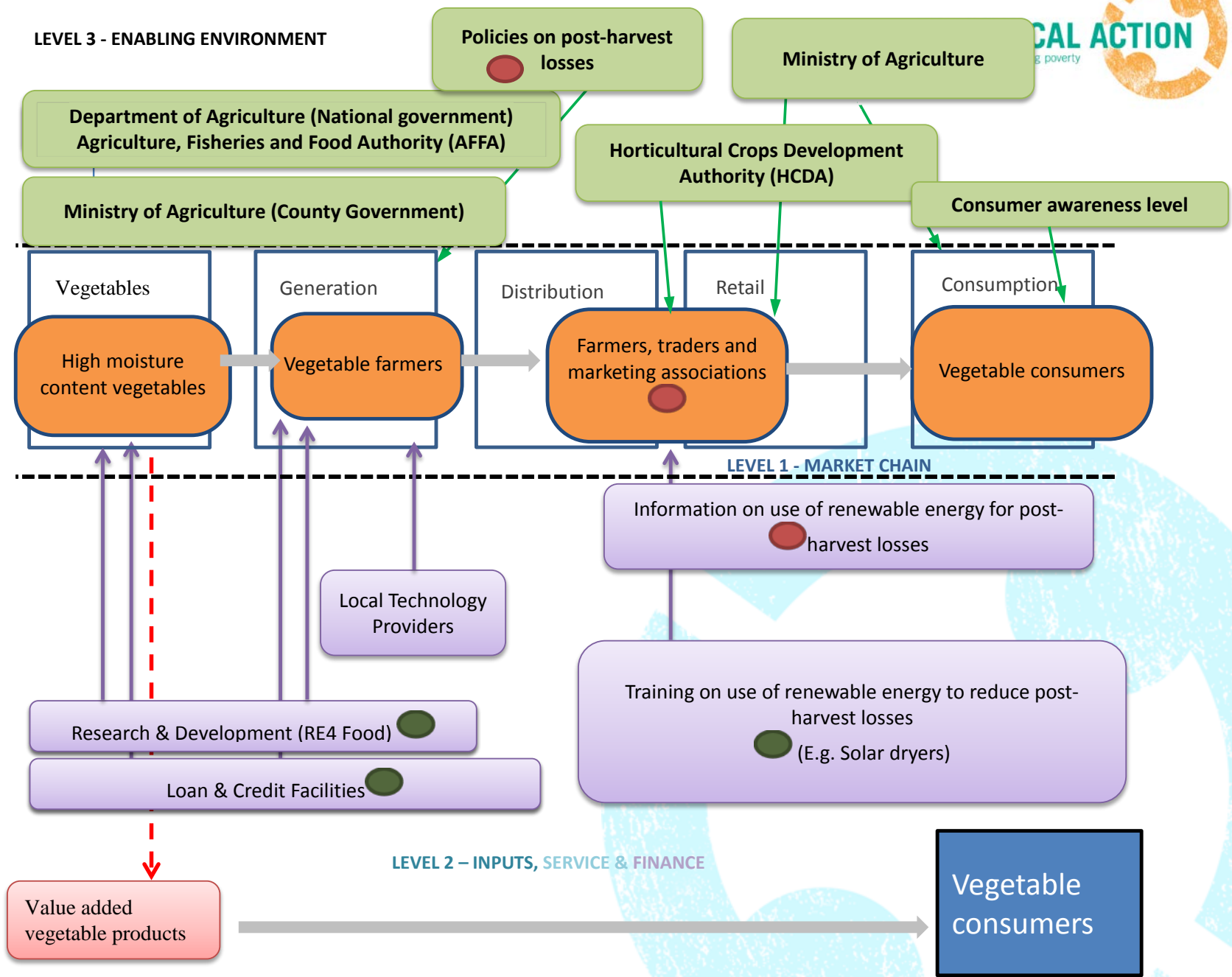
Successfully used in agricultural markets:

Systems Thinking: markets are complex systems that adapt to new information constantly

Participation: applying systems thinking to markets forces us to recognise that no single actor can determine how the system will change

Facilitation: creating the conditions for public and private market actors to drive change themselves

<http://www.pmsdroadmap.org/>



Key Barriers in Kenya

- No policy clearly address post-harvest losses in Kenya
- Little research focus of reducing post-harvest losses; focus on production
- Lack of knowledge of simple technologies that can reduce post-harvest losses

Key Barriers in Kenya

- Lack of organized farmer groups hence farmers depend on intermediaries
- Low prices offered by intermediaries
- Very low use of renewable energy in reducing post-harvest losses
- Use of inferior packaging material

Interventions

- Formulate policy on post-harvest losses/promote use of affordable renewable energy technologies to reduce post-harvest losses
- Offer training on post-harvest handling
- Promotion of local technologies to reduce post-harvest losses
- Loans and financial facilities to facilitate acquisition of the technologies as they have a cost

Further suggestions

- Linking it to global initiatives (GTF) measuring access to energy for productive uses
- Regional and global SE4ALL work on productive uses of energy
- SE4ALL Action Agendas and Investment Prospectus for Ghana, Kenya and Sierra Leone

Thank you

mattia.vianello@practicalaction.org.uk

