



USE OF MULTICRITERIA DECISION ANALYSIS TOOL FOR RANKING OF SANITARY AND PHYTOSANITARY (SPS) CAPACITY-BUILDING OPTIONS IN UGANDA

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**Technical Meeting of the COMESA Regional Sanitary and
Phytosanitary Sub-Committee
Lilongwe, Malawi, 21-22 August 2012**

What drives SPS agenda in Uganda

- ▶ Need for trade diversification/expand agric–food trade
 - Traditional exports (coffee, tea, cotton)

 - Non-traditional exports (horticulture, fish/fishery products, diary products etc)
 - Liberalization Policy (Private Sector)
 - Public sector  Regulator (Laws and Regulations)
 - National Trade strategic Plans
 - Development Strategy and Investment plan/National Development Plan



Sanitary and phytosanitary capacity framework in Uganda

- ▶ SPS Policy (*To transform Uganda into one of the world's leading producer, consumer and trader of safe and quality animal and crop products on a sustainable basis*)
- ▶ *Implementation Plan (2011/12–2014/2015)*
- ▶ SPS Coordination Committee
- ▶ Scanty laboratory infrastructure (Fisheries, pesticide residue testing (just a structure))
- ▶ Staffing structures
- ▶ Risk analysis (COPE)
- ▶ Basic training in SPS information exchange (SPS NEP)
- ▶ OIE contact points, IPPC contact point, Codex Contact point
- ▶ Basic legislations (Bills)



Relative performance of SPS sensitive trade – net trade balance

Exports at HS 2 figure level	2002	2003	2004	2005	2006	2007	2008	2009	2010	Average 2002 2010
01 Live animals	-362174	-1042163	-453343	-716439	-404650	849603	865304	2883877	1638716	362081
02 Meat and edible meat offal	-120763	2740	368821	748559	431103	154832	90814	-33458	923751	285155
03 Fish, crustaceans, molluscs, aquatic invertebrates, nes	85755623	84002467	99555228	138323597	140455720	117119823	118291873	108586333	127740106	113314530
04 Dairy products, eggs, honey, edible animal product, nes	-2365387	-2034426	-1785507	-1682423	-2820691	-4806307	-592031	2992153	12136743	-106431
06 Live trees, plants, bulbs, roots, cut flowers etc	18257370	23889281	29766626	34330743	31422481	34770450	42109787	47317014	45763818	34180841
07 Edible vegetables and certain roots and tubers	2202860	1790515	-3602508	-7169108	3714812	1184792	14071275	17884633	12823575	4766761
08 Edible fruit, nuts, peel of citrus fruit, melons	655467	87380	1158776	1130105	455505	1225306	4160198	-1413327	-1742637	635197
09 Coffee, tea, mate and spices	134146431	149110139	167154651	212593679	243403449	317607809	450968075	343370362	354959703	263701589
10 Cereals	-49393076	-77140457	-97119576	-109505682	-120306188	-120214491	-125451393	-143552025	-113349305	-106225799
12 Oil seed, oleagious fruits, grain, seed, fruit, etc, nes	265836	-7082780	-3267270	-8001407	-3678738	-680441	9967361	-16283954	-8653331	-4157192
15 Animal, vegetable fats and oils, cleavage products, etc	-33490405	-52326172	-56299163	-58407274	-65504519	-53844960	-163146927	-82391861	-134109870	-77724572
16 Meat, fish and seafood food preparations, nes	-335502	-894769	-175167	-191787	-638740	-989892	-48025	-747604	-566048	-509726

How to identify capacity building needs

(BEFORE MCDA TOOL)

- ▶ Strengthening Phytosanitary Controls in the floriculture sector (Multiple Criteria)= STDF
 - Demand for capacity building– Frequent interceptions
 - PCE tool– Phytosanitary capacity gaps
 - Vulnerable groups (Women+Children)
 - Possibility of maintaining the employment (Wealth creation)
 - Loss in export values
 - Foreign exchange earnings expected to increase/maintained
 - Poverty reduction
 - Net gains to the economy



Criteria for choosing SPS capacity building

- ▶ Trade diversification (value addition)
 - ▶ Growth in exports– market access
 - ▶ Impact on vulnerable groups (women, children)
 - ▶ Protection of the environment
 - ▶ Increased Agriculture/Animal productivity
 - ▶ Poverty reduction
 - ▶ Impact on domestic public health
 - ▶ Impact on foreign exchange
 - ▶ Impact on employment
- ▶ ALL THESE INFORM FORM THE DEVELOPMENT AGENDA OF UGANDA



Decision Criteria

Weights and Criteria of SPS capacity building options

	Average
Up front investment	10.9
On going costs	10.0
Trade impact [Market Access]	12.5
Trade diversification impact [value addition]	9.4
Impact on domestic agricultural/fisheries productivity	14.5
Impact on domestic public health	8.7
Impact on local environmental protection	8.2
Impact on poverty	15.0
Impact on vulnerable groups	9.1
Impact on foreign exchange earnings	0.2
Impact on employment	1.3

Identified capacity-building options (1)

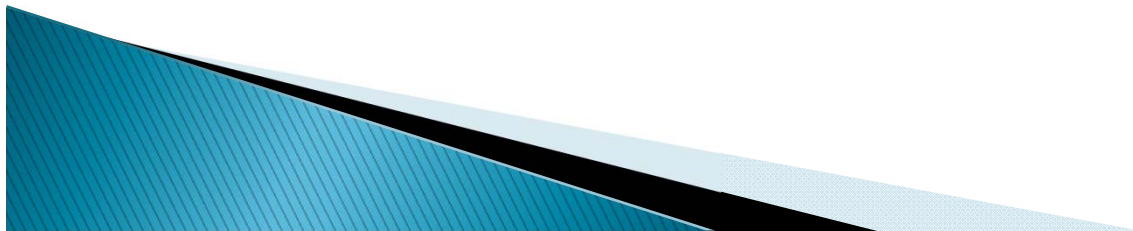
Option 1. Pesticide testing laboratory

Option 2. Maize GAP's

Option 3. Meat exports within the region

Option 4. Meat exports from a FMD free
compartments

Option 5. Awareness on pesticide use (avoiding
contamination of pesticides in the food



Identified capacity-building options (2)

- ▶ Option 6. Dairy exports compliance with COMESA standards
- ▶ Option 7. Fish; traceability systems and capacity building
- ▶ Option 8. Cold storage – disinfestations of insect pests
- ▶ Option 9. Certification of agro input providers and suppliers
- ▶ Option 10. Pest status of bananas with respect to *Bactrocera invadens*



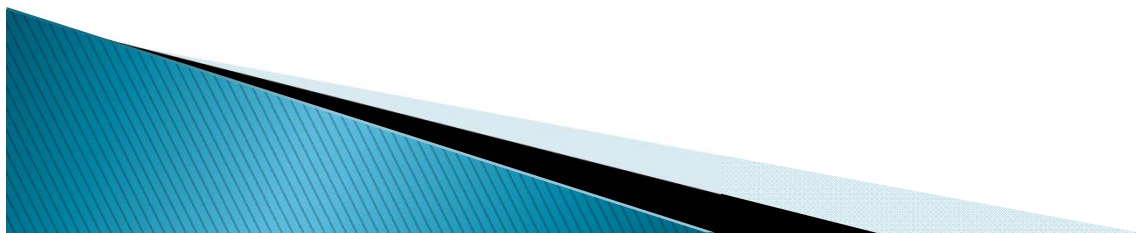
Identified capacity-building options (3)

Option 11. Biological control of *Bactrocera*
invadens

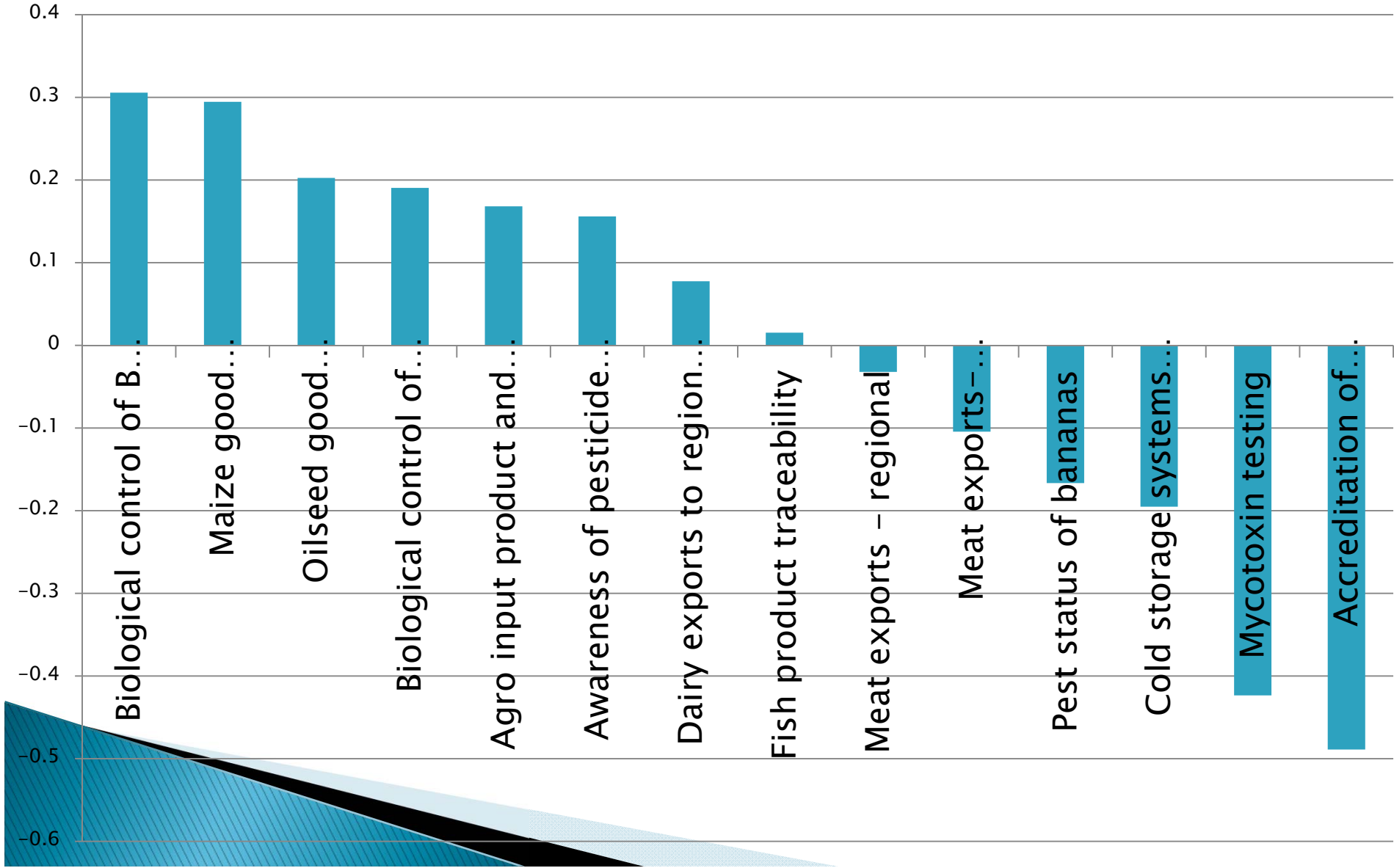
Option 12. Aflatoxin controls for groundnuts and
maize

Option 13; Mycotoxin testing capacity

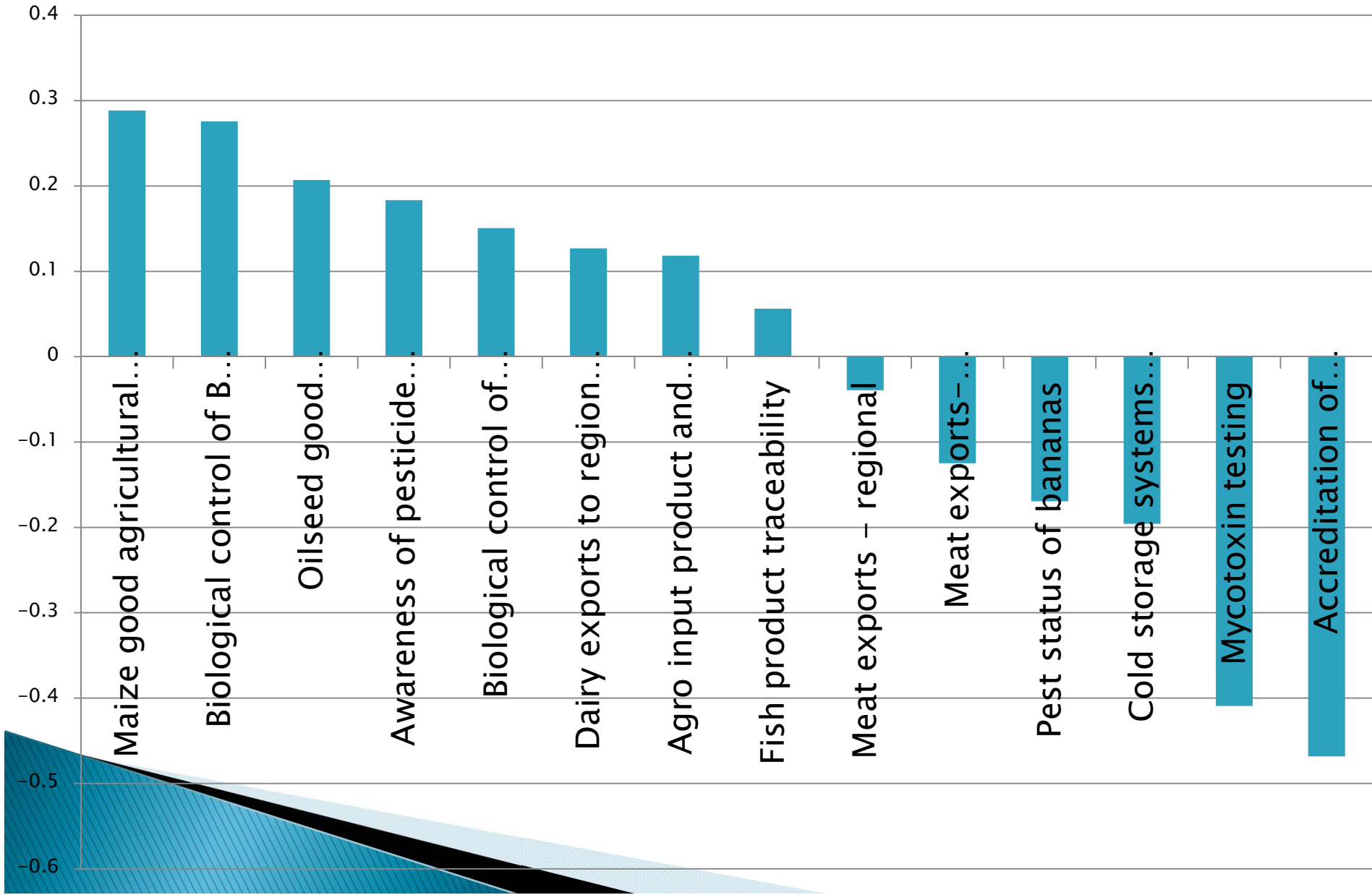
Option 14. GAP's for oil seed producers and good
storage practices



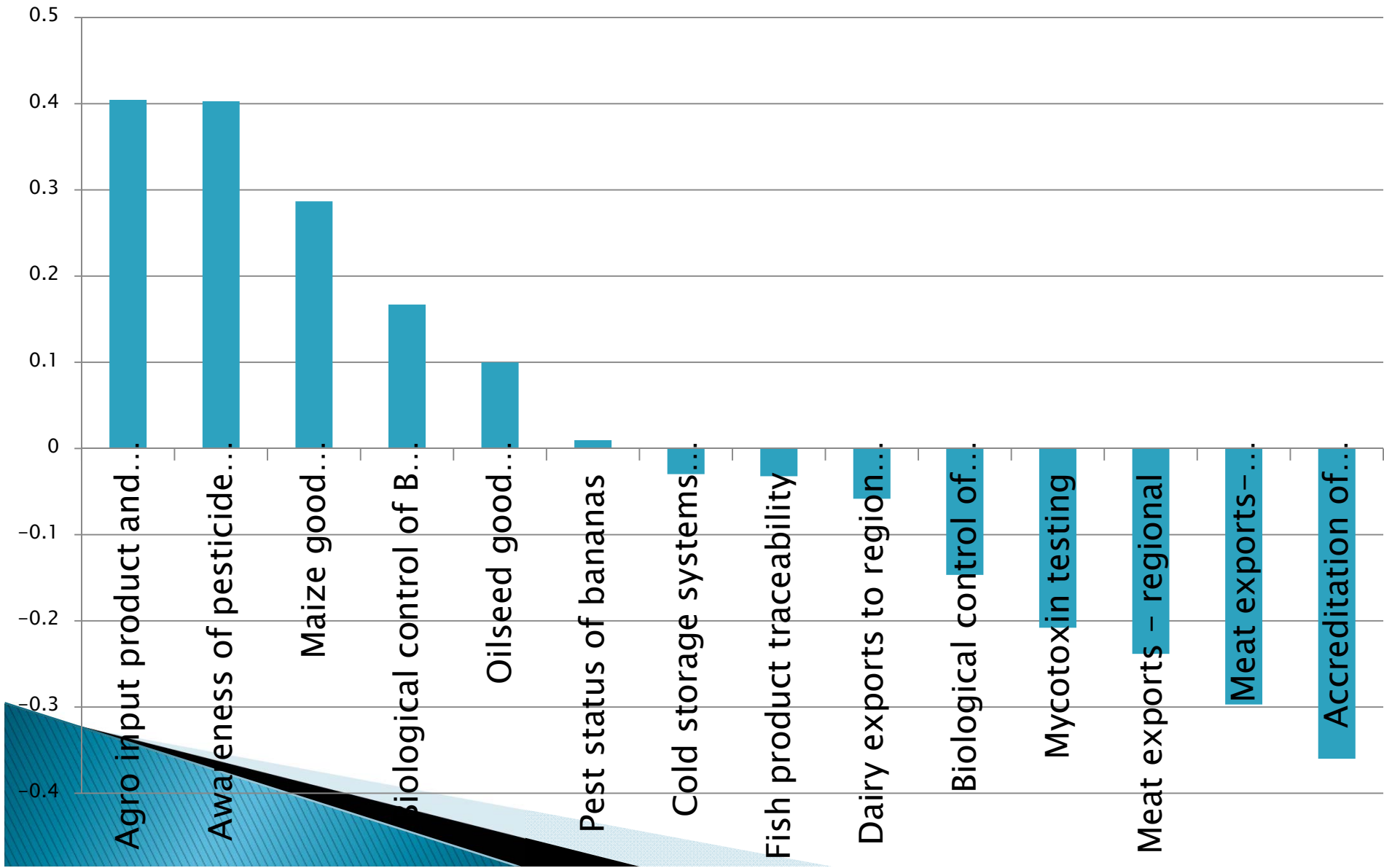
Baseline model: Uganda



Equal weights prioritization: Uganda



Trade impact prioritization: Uganda



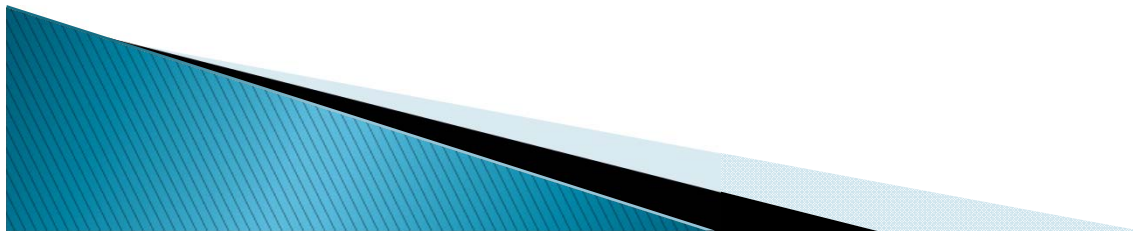
On going activities

1. Full consultation with other stakeholders to;
 - Review data and ensure accuracy
 - Include other possible options
2. Carry out sensitivity analysis
 - First iteration of analysis
 - Finalization of training of local task team



Ongoing activities

1. Draw up projects based on selected capacity building options
2. Carry out further iterations of analysis to feed into other programs including DSIP and as the Integrated Framework (IF)





Thank you for your attention »»