



Application of the MCDA in Zambia

STDF Workshop

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By

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INTRODUCTION

- **Developing countries face an often daunting array of SPS capacity-building needs**
- **Often among scarce available resources, regardless of whether from national budgets or donors.**
- **As a result , hard decisions have to be made to prioritise particular capacity-building needs over others**
- **In order to gain/ maintain market access**



Process of Applying the MCDA Framework

- **A ONE DAY NATIONAL WORKSHOP HELD IN ZAMBIA 6TH AUGUST 2011**
- **FIRST APPLICATION IN ZAMBIA**
- **INTRODUCTION OF THE MCDA METHODOLOGY**
- **INVOLVED STAKEHOLDERS BOTH PRIVATE & PUBLIC SECTORS**



PROCESS (CONTINUED)

- **DISTRIBUTION OF INFORMATION DOSSIER TO BE USED IN THE PROCESS**
- **DISCUSSED MAIN SPS ISSUES/ PROBLEMS**
- **IDENTIFIED THE CAPACITY BUILDING OPTIONS TO PRIORITIZE**
- **AGREED ON DECISION CRITERIA & WEIGHTS FOR RANKING**



PROCESS (CONTINUED)

- **INFORMATION CARDS PREPARED FOR EACH OF THE OPTIONS**
- **ANALYSIS WAS CARRIED OUT BY THE STDF CONSULTANTS**
- **DRAFT REPORT**
- **DISCUSS & VALIDATE RESULTS (NEXT STEP)**

VIEWS & EXPERIENCES ON MCDA

- **NEW IDEA**
- **USEFULNESS TO IDENTIFY AND RANK SPS NEEDS**

ACHIVEMENTS

- **VARIOUS STAKEHOLDERS BROUGHT TOGETHER –**
- **COORDINATION AMONG SPS IMPLEMENTING AGENCIES CHALLENGING**
- **RARE OCCURRENCE FOR ALL SPS STAKEHOLDERS TO MEET**





FINDINGS

- **AT A HIGHER LEVEL MORE AWARENESS STILL HAS TO BE DONE TO GET POLITICAL BUY IN FOR THE RESULTS OF THE RANKING**
- **MAY BE MOST APPLICABLE AT DEPARTMENTAL LEVEL / UNIT LEVELS**
- **RELATED TO THE MANDATES & BUDGET LINES OF EACH MINISTRY**

POSITIVE OUTCOMES SO FAR

- **DOSIER OF SPS INFORMATION BUILT**
- **ALL SPS RELATED CHALLENGES BROUGHT TOGETHER**
- **TRANSPARENCY IN IDENTIFYING SPS CAPACITY OPTIONS**
- **USEFUL INFORMATION ON SPS PRIORITIES FOR DONORS**
- **INFORMATION MAY BE USED BY POLICY MAKERS**



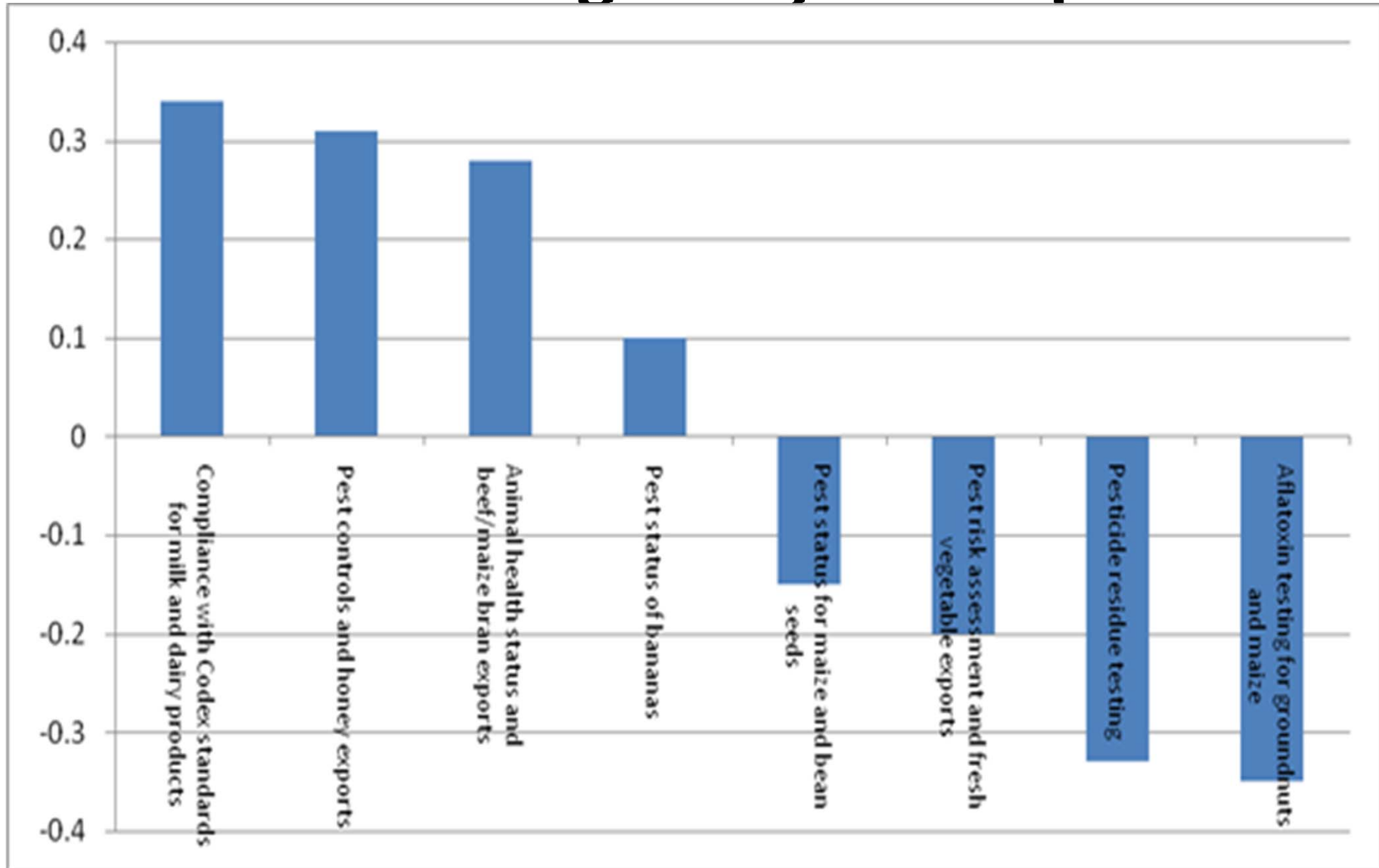


CHOICE SET OF SPS CAPACITY BUILDING OPTIONS

- **PEST CONTROL AND HONEY EXPORTS**
- **AFLATOXIN TESTING IN GROUNDNUTS & MAIZE**
- **PEST STATUS OF BANANAS**
- **PEST RISK ASSESSMENT AND FRESH VEGETABLE EXPORTS**
- **PESTICIDE RESIDUE TESTING**
- **COMPLIANCE WITH CODEX STANDARDS FOR MILK AND DAIRY PRODUCTS**
- **ANIMAL HEALTH STATUS AND BEEF /MAIZE BRAN EXPORTS**



Net flows for baseline model Based on weights By Participants



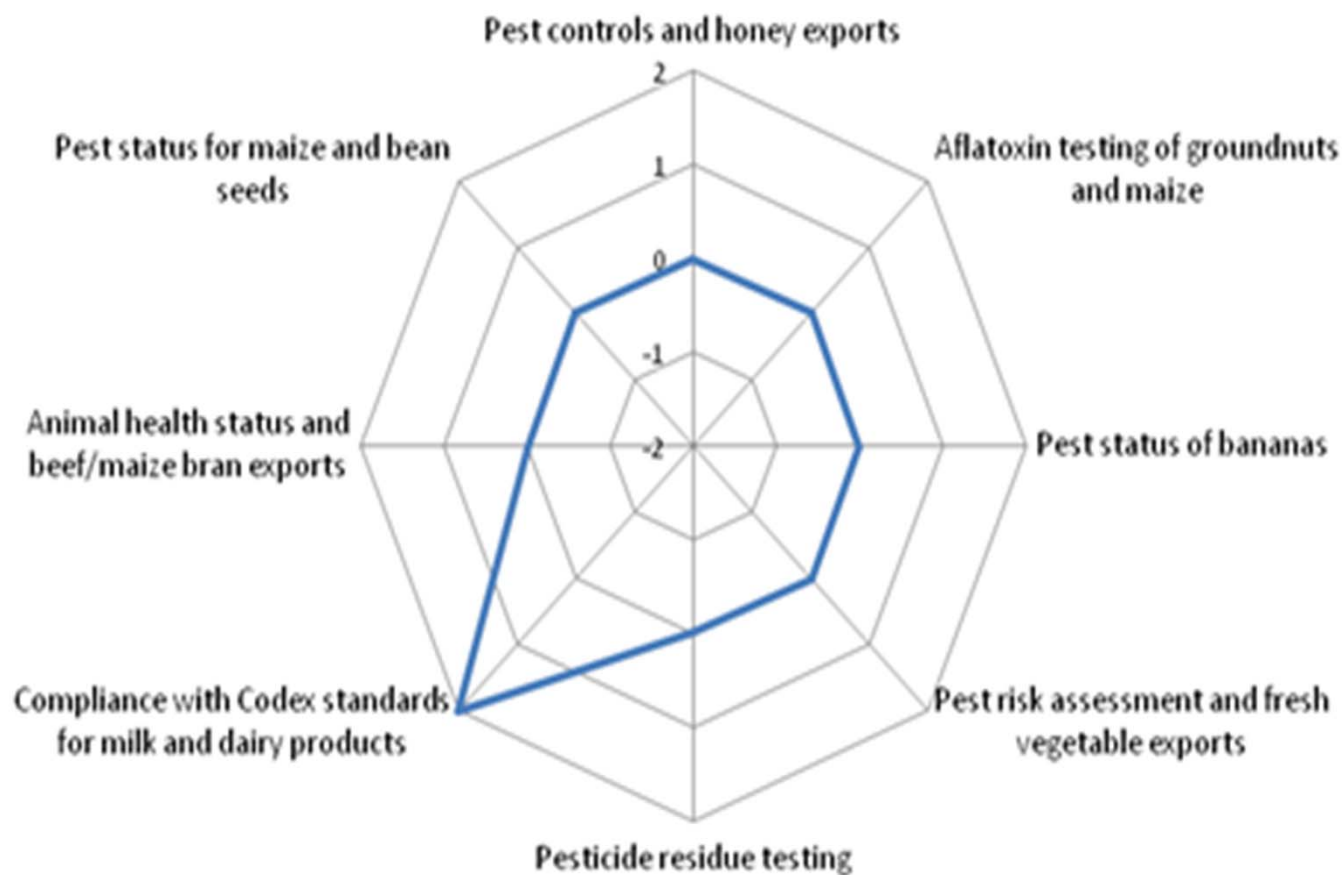
NET FLOWS FOR BASELINE MODEL

POSITIVE NET FLOWS

- **COMPLIANCE WITH CODEX STANDARDS FOR MILK AND DAIRY PRODUCTS**
- **PEST CONTROL AND HONEY EXPORTS**
- **ANIMAL HEALTH STATUS AND BEEF /MAIZE BRAN EXPORTS**
- **PEST STATUS OF BANANAS**



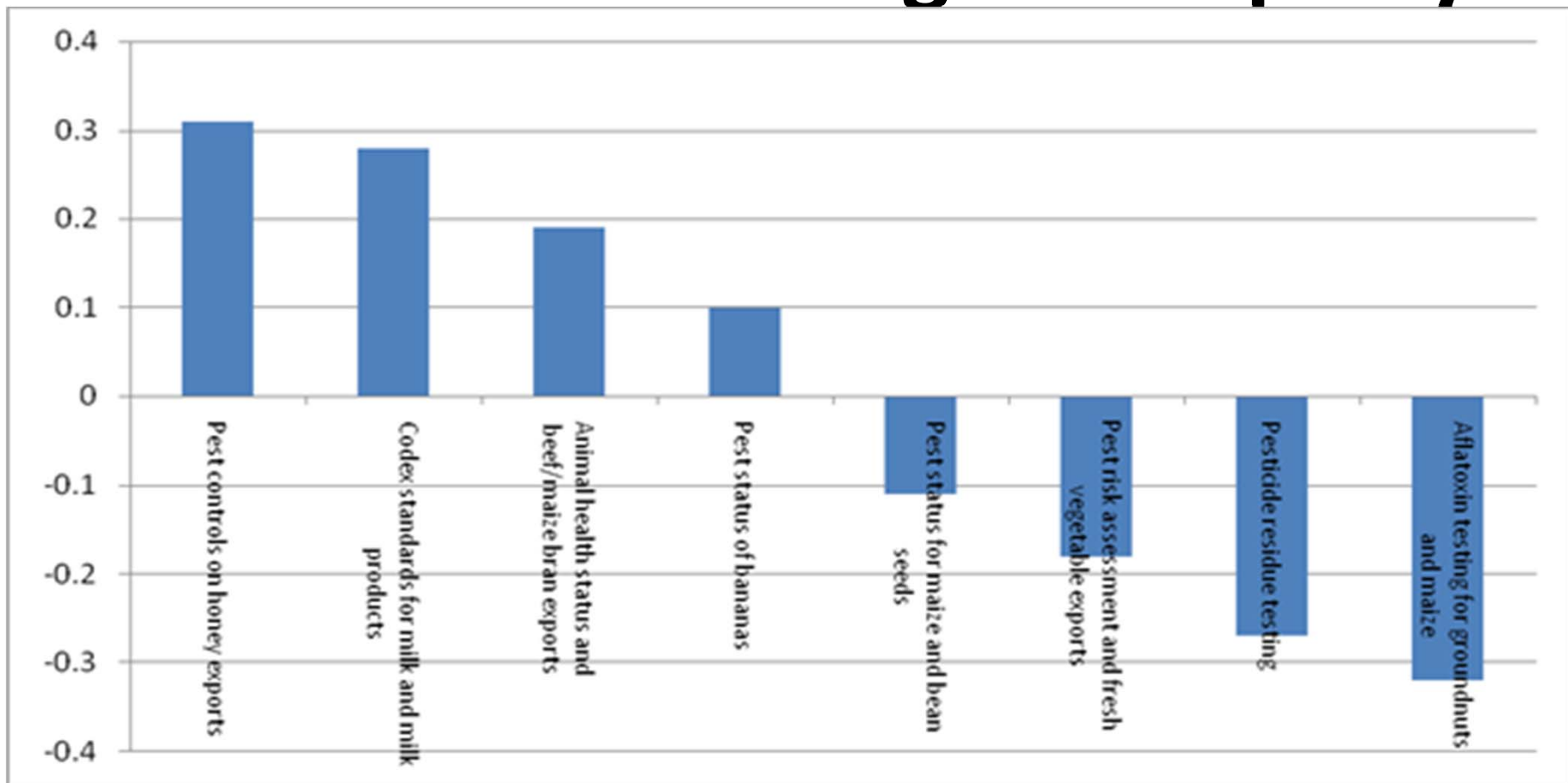
Decision criteria measures – change in domestic public health





Net flows for equal weights model

All criteria are weighted equally



Net flows for equal weights model

All criteria are weighted equally

- RESULTS DO NOT DIFFER SO MUCH WITH THOSE OF BASELINE MODEL
 - THE SAME CAPACITY –BUILDING OPTIONS ARE RANKED TOP FOUR BUT WITH CHANGE IN RELATIVE POSITION
1. PEST CONTROL AND HONEY EXPORTS
 2. COMPLIANCE WITH CODEX STANDARDS FOR MILK AND DAIRY PRODUCTS
 3. ANIMAL HEALTH STATUS AND BEEF /MAIZE BRAN EXPORTS
 4. PEST STATUS OF BANANAS

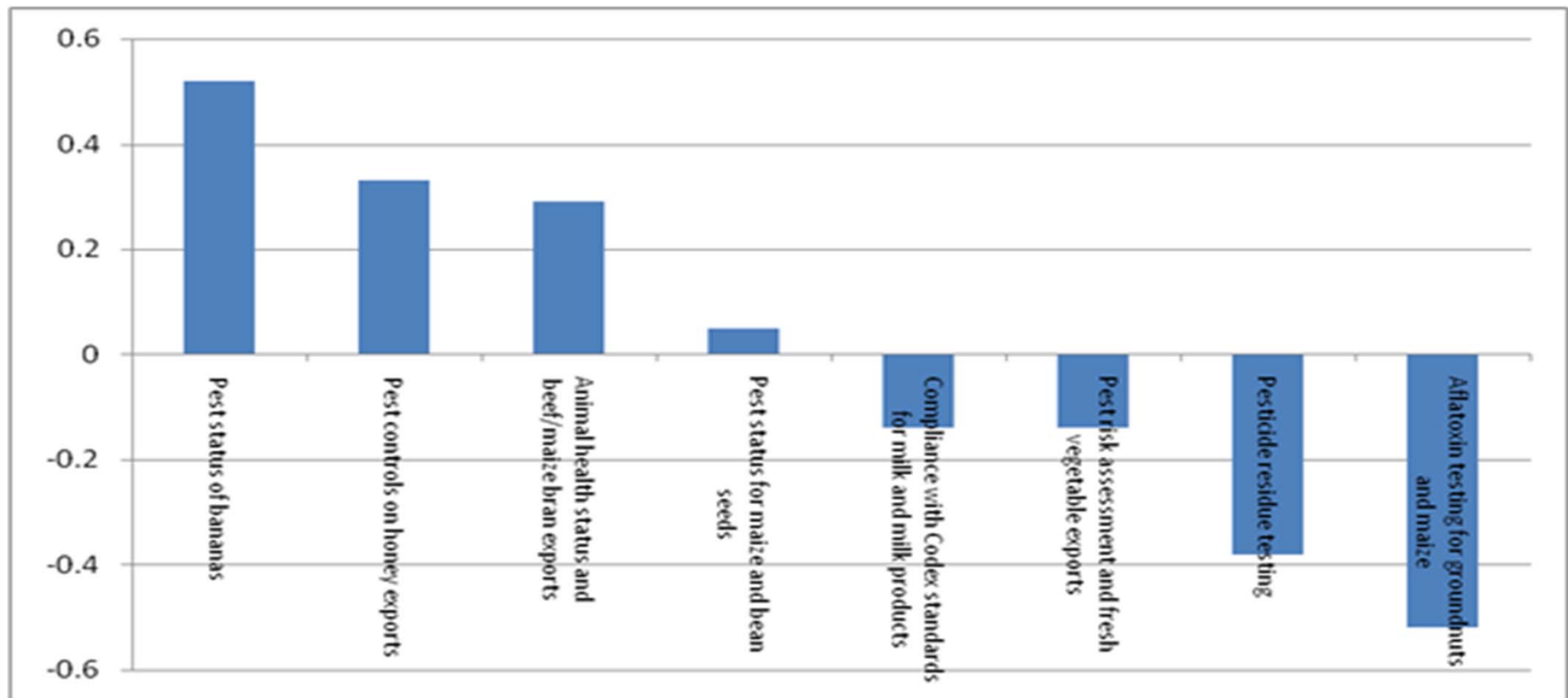


Net flows (cost & trade Impact model)



TO EXPLORE THE SENSITIVITY OF THE PRIORITISATION
TO CHANGES IN THE DECISION WEIGHTS

MODEL ASSUMES THAT THE ONLY CRITERIA DRIVING
THE RANKING OF OPTIONS



Net flows (cost & trade Impact model)



- **IN THIS MODEL RESULTS SHOW THAT**
 1. **PEST STATUS OF BANANA RANKS TOP**
 2. **BOTH PEST CONTROL FOR HONEY**
 3. **ANIMAL HEALTH STATUS & BEEF /MAIZE BRAN EXPORTS**
- **AS IN BASE LINE & EQUAL WEIGHT MODELS**
- **THESE ARE IN THE TOP 4**
- **But compliance with codex standards for milk go in the negative net flows**

CHALLENGES



- **DIFFERENT PARTICIPANTS HAVE DIFFERENT KNOWLEDGE**
- **NEED FOR PARTICIPANTS TO READ INFORMATION MATERIAL BEFORE HAND**
- **DURATION OF THE MEETING**
- **ENSURING RIGHT PEOPLE ARE PRESENT AT STAKEHOLDER WORKSHOP WHEN OPTIONS ARE IDENTIFIED**
- **PROVISION OF DATA TO FED INTO THE ANALYSIS**
- **(MISSING OR NOT ACCURATE/ NOT SHARED)**



**THANK
YOU**