



SAPLING's Trade-off Scoring exercise: Preliminary results and insights

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INITIATIVE ON
Livestock and Climate



INITIATIVE ON
Sustainable Animal
Productivity

SAPLING – Sustainable Animal Productivity for Livelihoods, Nutrition and Gender Inclusion

Five Impact Areas for the OneCGIAR



Nutrition,
health and
food security



Poverty
reduction,
livelihoods
and jobs



Gender
equality,
youth and
inclusion



Climate
Adaptation
and Mitigation



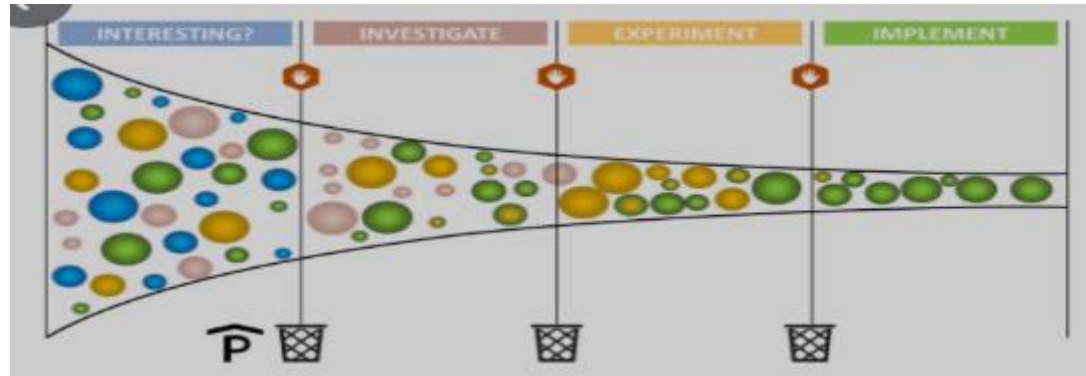
Environmental
health and
biodiversity



5-fold wins not always possible – trade-offs between different impact areas, scales, actors are to be expected

Trade-off scoring exercise

- We started with an initial “long list” of proposed SAPLING innovations



- Tradeoff analysis assesses possible impacts of an innovation along different dimensions, such as productivity, economics, environment, human condition and social impacts
- It is conducted before (ex ante) implementing the innovation, to identify possible negative impacts on some dimensions, for some actors, or at different time scales

VIETNAM, NEPAL, UGANDA, KENYA, TANZANIA, ETHIOPIA, MALI

Progress

IN ALL COUNTRIES and VALUE CHAINS

- Choice of indicators – SIAF
- Compilation of proposed interventions
- Translation into “practice changes”
- Identification of experts
- Translation in local language



SI TOOLKIT
Sustainable Intensification
Assessment Framework

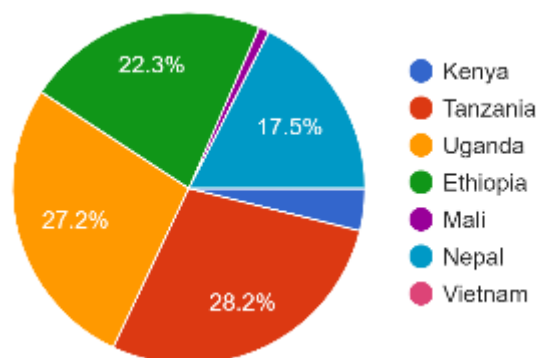


NEPAL, UGANDA, KENYA, ETHIOPIA, MALI, TANZANIA

- Survey sent out
- 103 responses in total

NEPAL, UGANDA PIGS, ETHIOPIA, TANZANIA

- Preliminary results ready for discussion



Example results from Uganda pigs

Ten (10) intervention packages were scored in terms of their expected impact on

1. Productivity, 2. Economics, 3. Environment, 4. Human condition, 5. Social

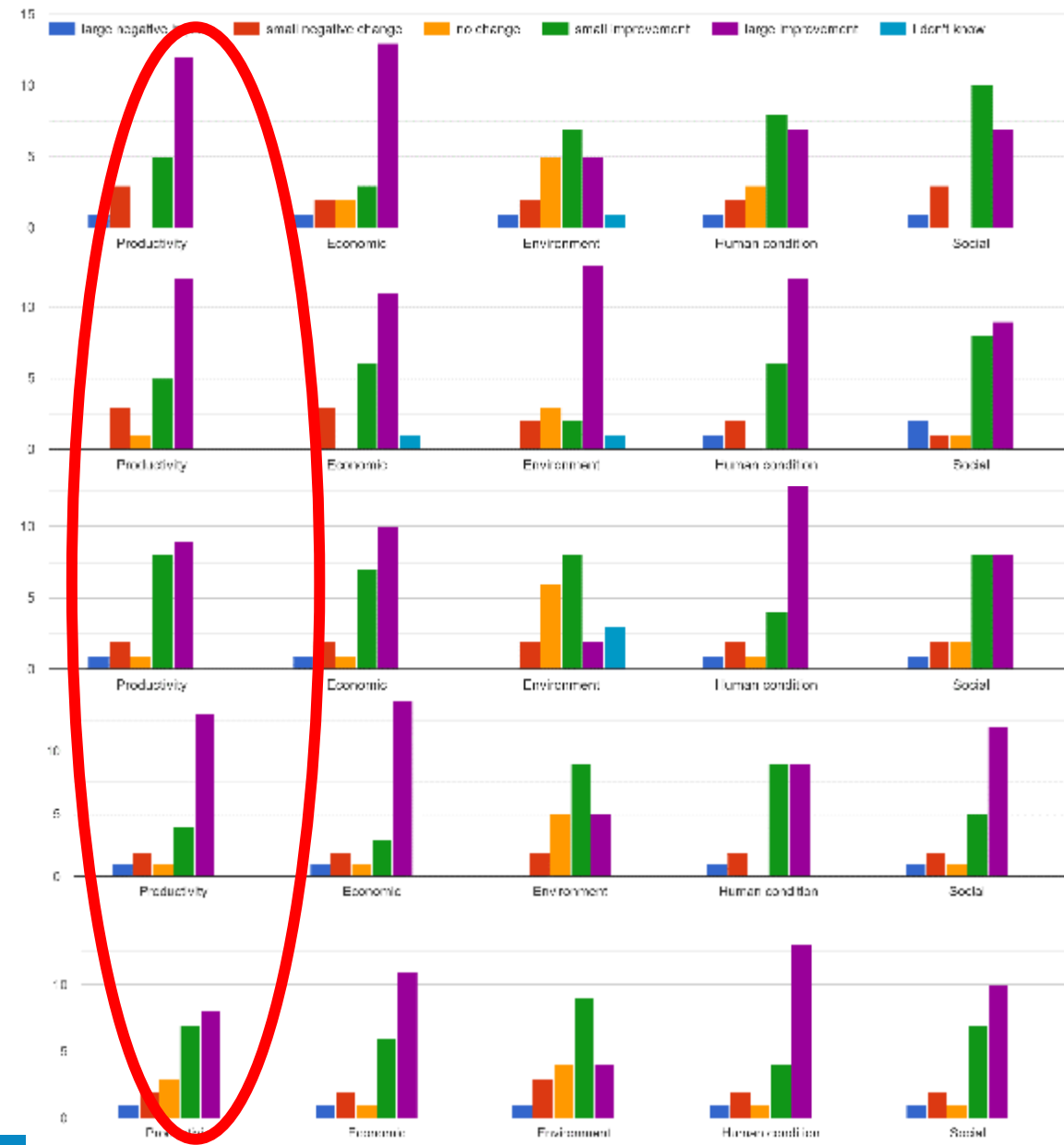
1. Balance feed ration formulations
2. Digital application to strengthen capacities of veterinary extension staff in herd health packages
3. An integrated pig production extension package with herd health, feeds + feeding, and genetics packages + platform for relaying extension information
4. Well adapted and improved breeds superior/better pig breeds/genetics through decentralized breeding/boar studs at community level
5. A financial guarantee scheme for pig farmers
6. Business models to enhance value chain linkages and transparency in the value chain through MIS digital platforms
7. Abattoir hub business model with centralized abattoir as the hub
8. "Jumia pork" initiative
9. Piggery skills internship program focusing on business development services for women and youth in pig value chains
10. Social and behavior change communication to demystify the myths that surround consumption of pork and informing consumers on the importance of livestock derived foods

Example results from Uganda pigs



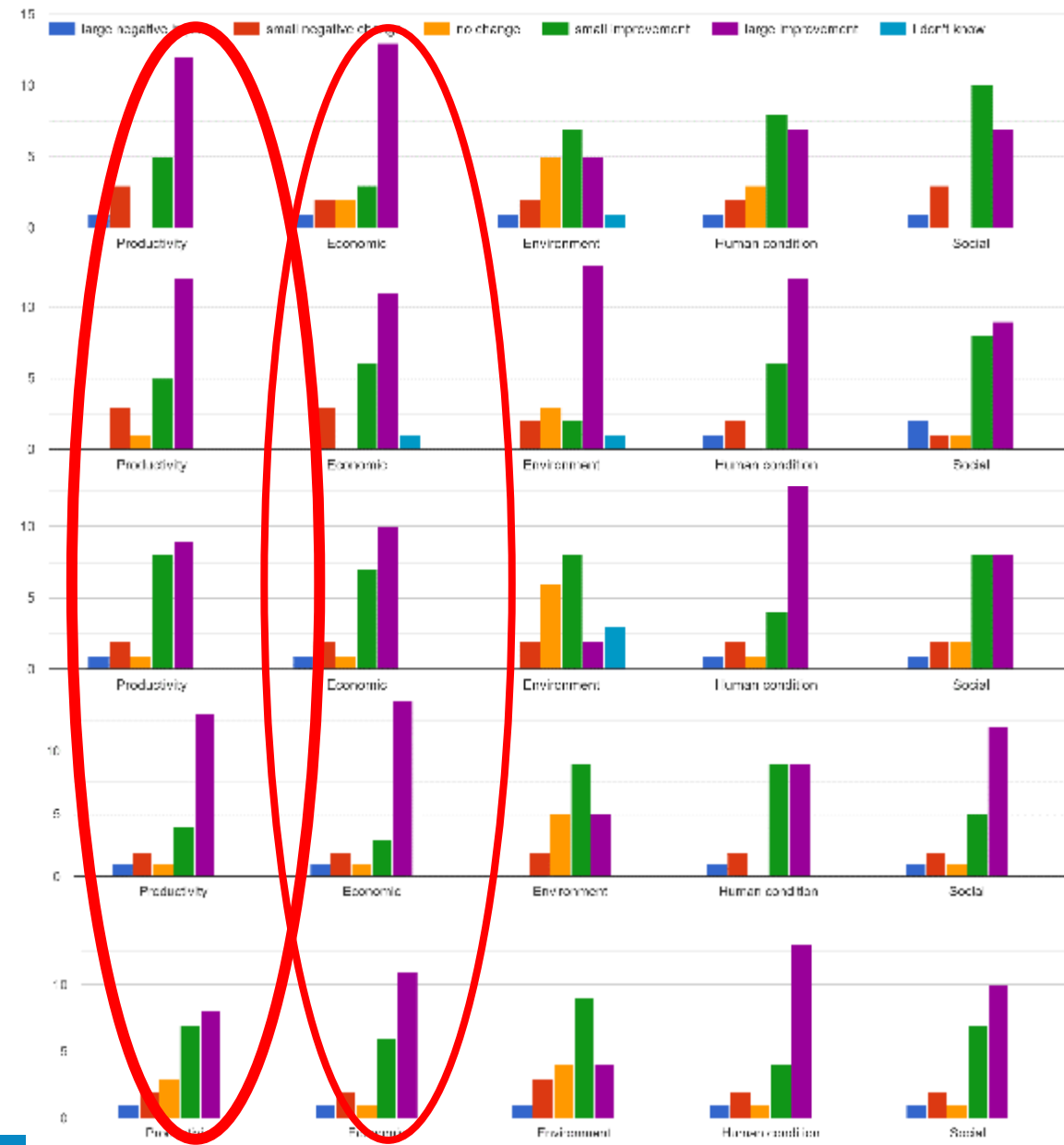
Example results from Uganda pigs

General agreement about positive
Productivity and economic impacts



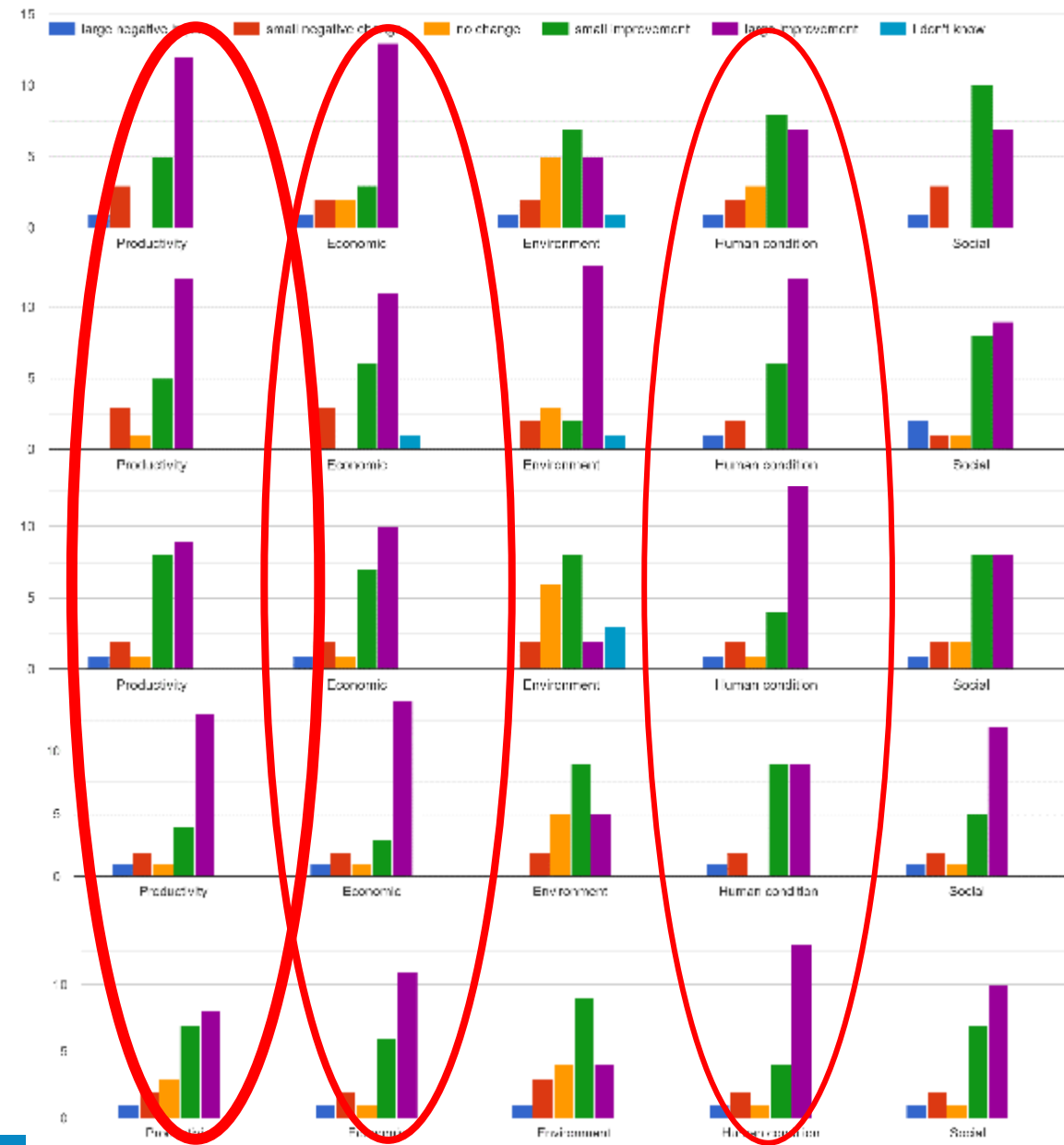
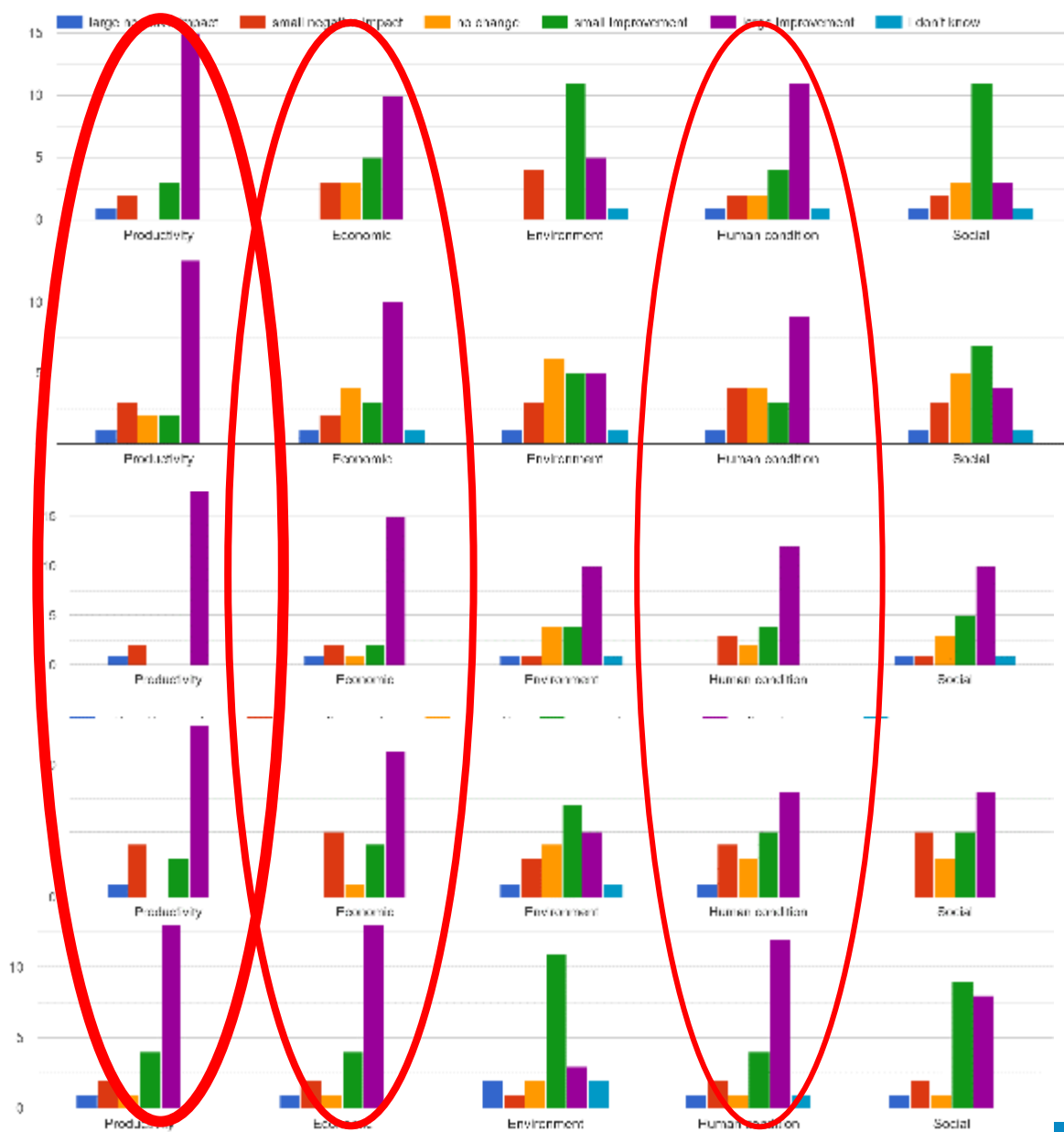
Example results from Uganda pigs

General agreement about positive
Productivity and economic impacts



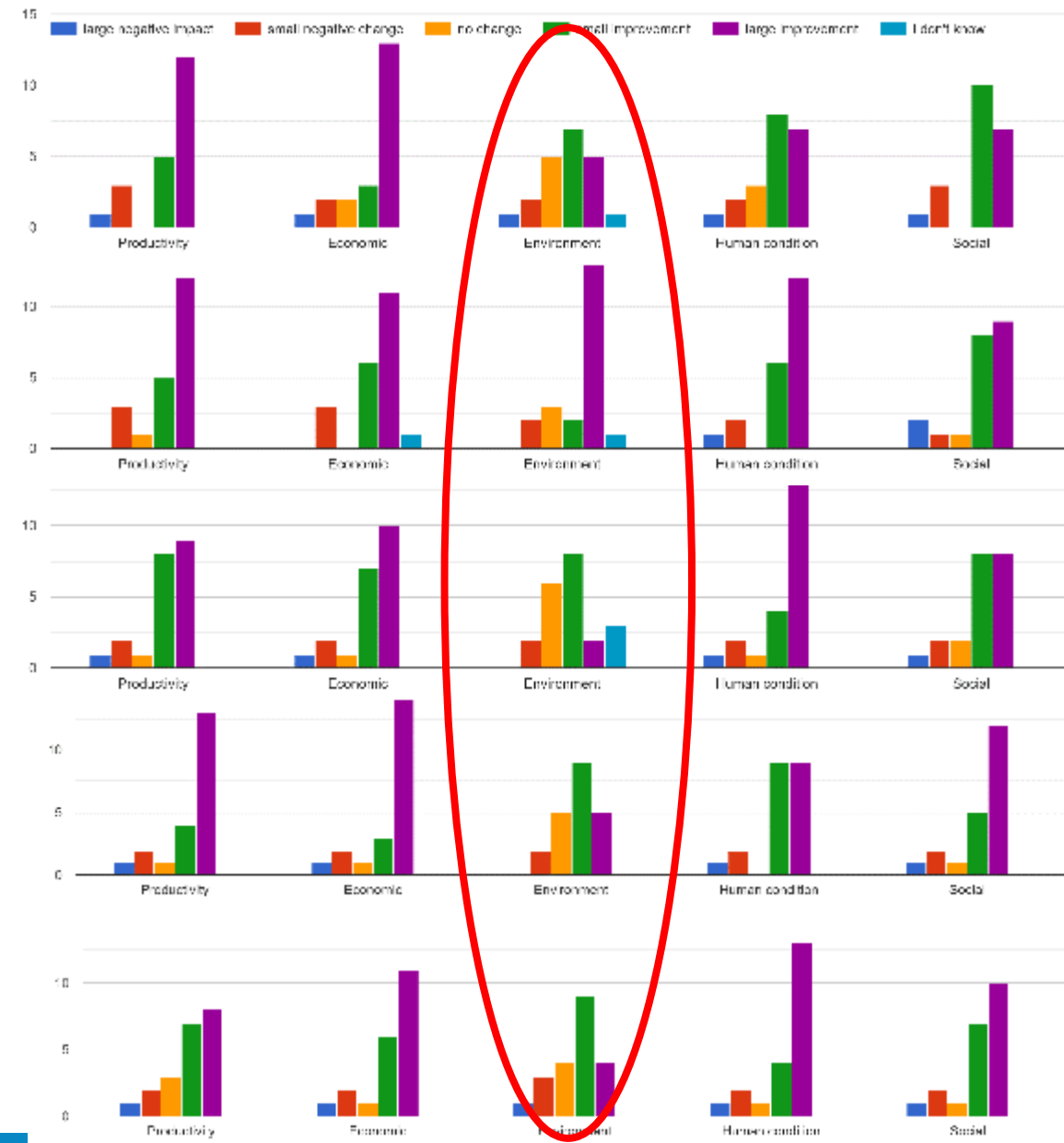
Example results from Uganda pigs

General agreement about positive
Productivity and economic impacts



Example results from Uganda pigs

Environmental and social impacts
Less positive + less agreement



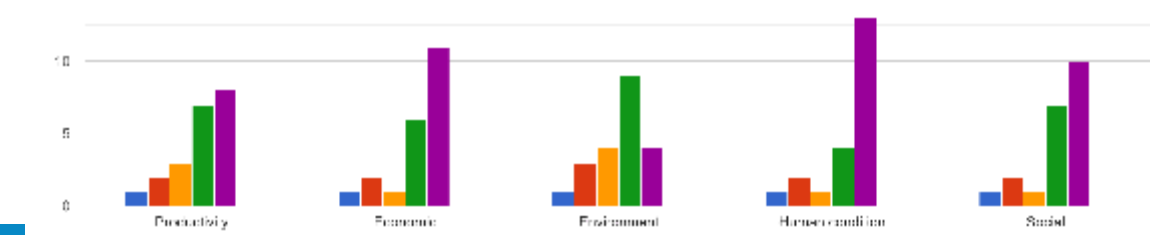
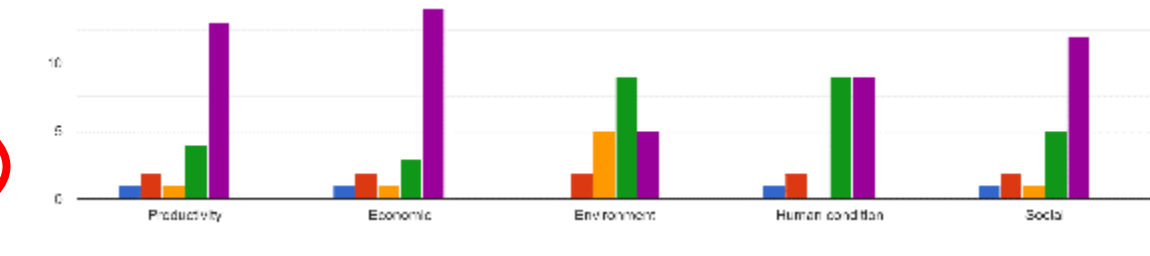
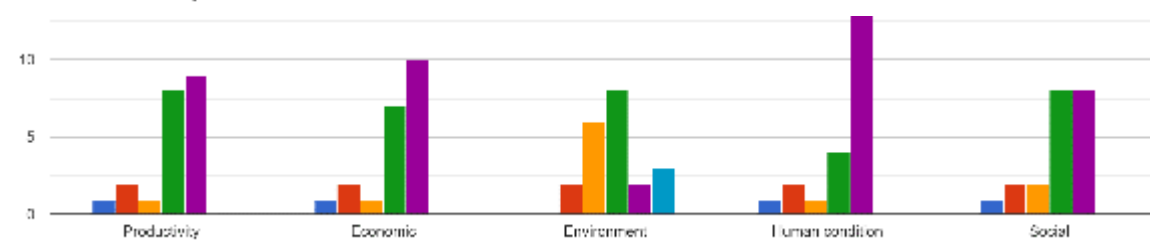
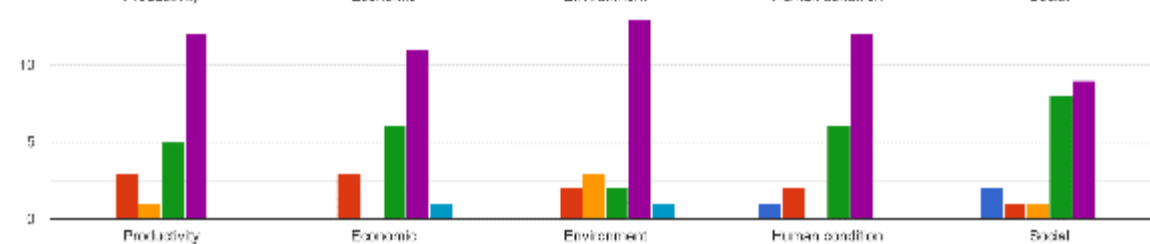
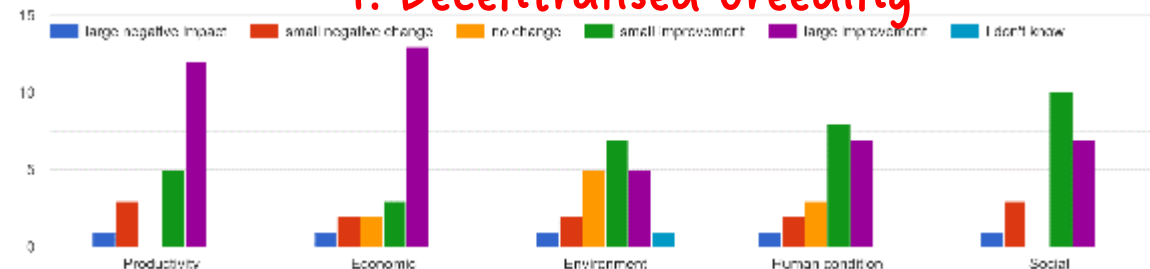
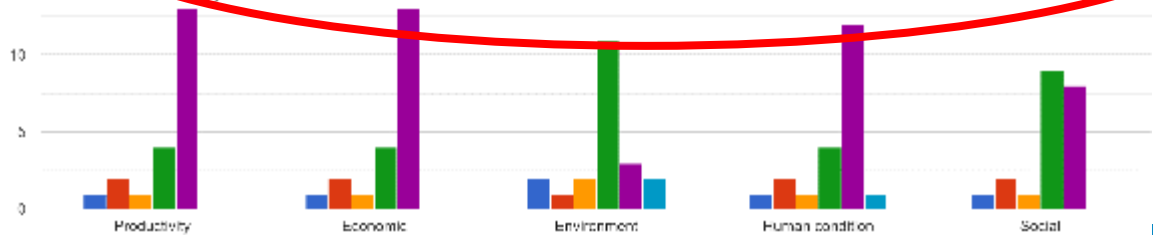
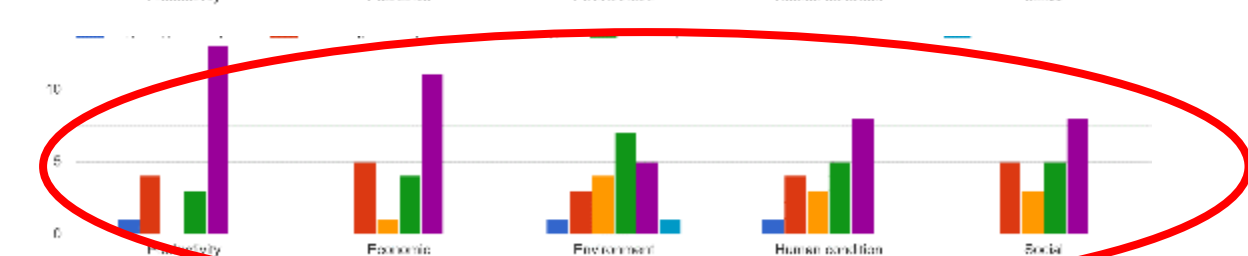
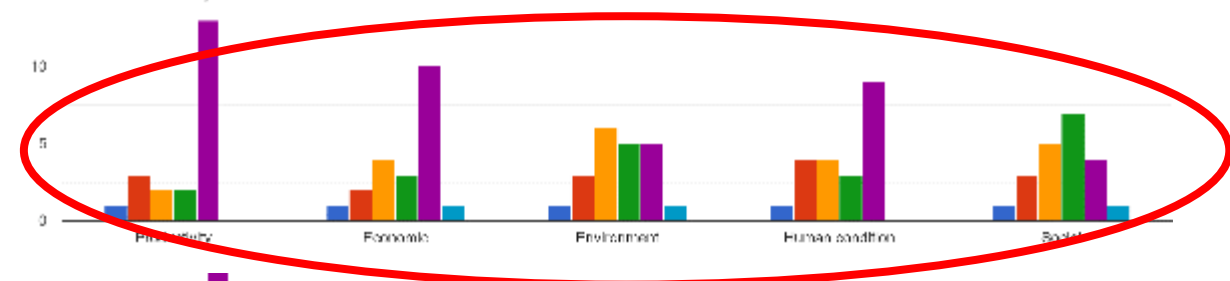
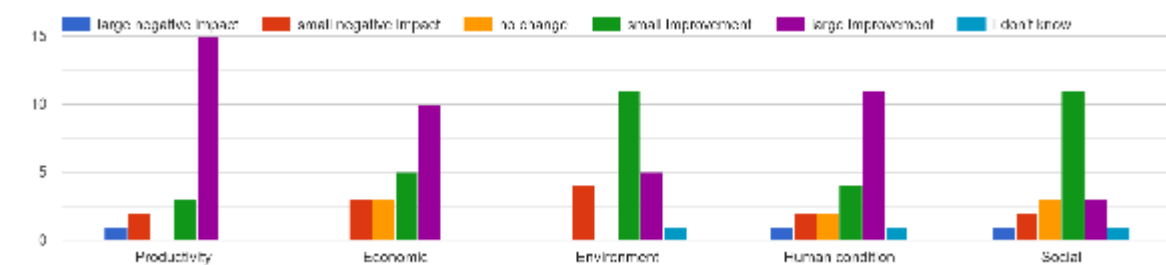
Example results from Uganda pigs

Overall positive expectations about integrated pig production extension package



Example results from Uganda pigs

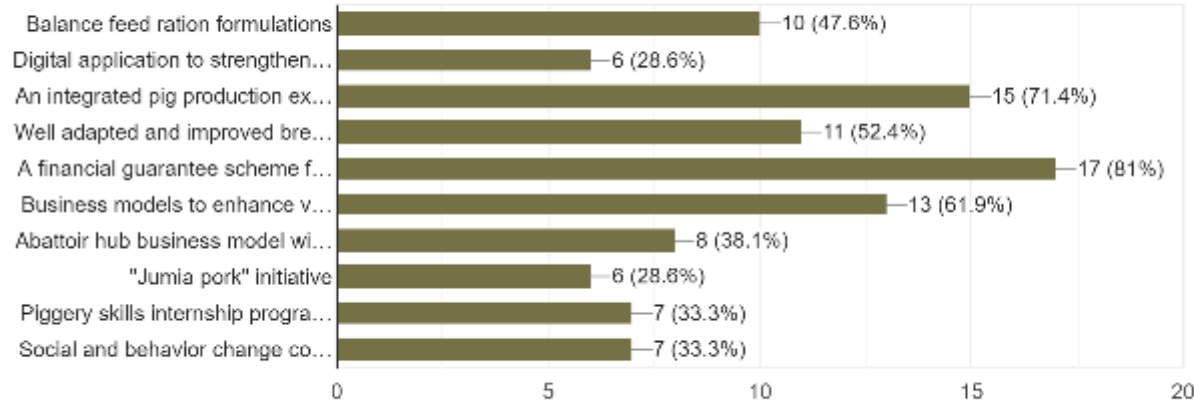
Others slightly less performing, e.g.
2. Digital application for vets
4. Decentralised breeding



Example results from Uganda pigs

Where do you think are the biggest knowledge gaps in the Pig VC (in terms of Innovations)

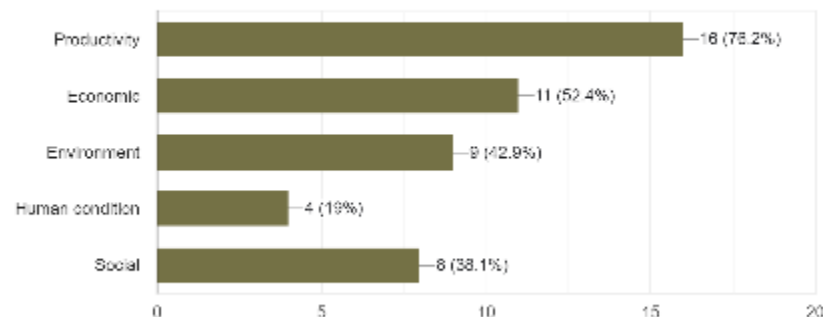
21 responses



Respondent's self-assessment of knowledge gaps not fully aligned with our interpretation of results

Where do you think are the biggest knowledge gaps in the Pig VC (in terms of Dimensions)

21 responses



Way forward

- Ensure >20 respondents per country/VC
- Produce country/VC reports
- Share with technical and country teams
- Country teams (modalities to be discussed):
 - Validation by stakeholders – workshops?
 - Inclusion of findings in refinement/adaptation of country activities
- Technical and trade-off teams:
 - Extract clear knowledge gaps
 - Plan follow-up research and assessment activities
- Final report – inclusive cross-country analysis?



Thanks!