

## SASI

### 2016 Planning

#### Background

The next phase of the Livestock (not Fish) CRP will be structured in other flagships than the L&F CRP phase 1. I.e. after 2016, SASI will be no more! Nor will any of the Systems CRPs (Humidtropics, Drylands, Aquatic systems).

However, the two new CRPs, Livestock and Fish, will no longer be “commodity” CRPs, but rather “agri-food system” ones. In principle this means that “the systems thinking will be mainstreamed”, not only in Livestock, Fish, but also in Maize, RTB, etc. The systems work we are currently doing in L&F, as well as the livestock-system-related work from the Humidtropics and Drylands CRPs will thus need to find a new home. It is important to integrate all important system research components in the respective phase 2 proposals, so that our efforts of phase 1 will not be lost but rather be built upon. A brief summary of where the current SASI agenda is being incorporated in the phase 2 proposal can be found in the box below.

Keeping these new developments in mind, the 2016 work plan focuses on producing good science outputs that consolidate learning from phase 1 and that can thus also feed into phase 2, i.e. we’ll strategically analyse, synthesize, reflect and document as much as possible.

1. Component research:
  - a. Gender: found a new home under the “livelihoods and resilience” flagship. Isabelle and Alessandra are leading the writing, others are welcome to contribute – should be a smooth transition;
  - b. Nutrition: to be partly covered under the “livelihoods and resilience” flagship, partly in the “Animal source food systems” flagship. Ingrid, Emily, Isabelle, Andrew and others interested in nutrition, you might want to check how that is taking shape;
  - c. VC upgrading: to fit in the “food system” flagship?
  - d. VC transformation: to fit in “transformation and scaling” flagship?
  - e. Environment: this agenda will be expanded quite substantively and get a full flagship “livestock and environment”. Many of us in the writing team – should be a smooth transition
2. Systems analysis: found a new home under “livelihoods and resilience”, i.e. in the cluster “Systems analysis, targeting and foresight analysis”. This is supposed to be a ‘joint’ cluster across 3 flagships (Food systems, Livelihoods & Resilience, Environment). Tim Robinson is leading the writing of this cluster. It will be important to see how that takes shape.
3. MEL: also found a new home under “livelihoods and resilience”, in the cluster “Learning, ToC and Impact assessment”; another ‘joint’ cluster, across 4 flagships this time (Food systems, Livelihoods & Resilience, Environment, Transformation & Scaling). Writing is led by Nils.

## **Focus of the 2016 workplans**

(Sub-)cluster-discussions were held with representation of different centres contributing to SASI and the specific clusters. Feel free to contact any of the team members for clarifications.

- Nutrition: Andrew Thorne-Lyman, Isabelle Baltenweck, An Notenbaert
- Environment: Mats Lannerstad, Klaus Butterbach-Bahl, Michael Philips, Birthe Paul, Catherine Pfeifer, An Notenbaert
- VC upgrading: Malcolm Dickson, Jens-Peter Dalsgaard, Lucy Lapar, Isabelle Baltenweck, An Notenbaert
- VC transformation: Malcolm Dickson, Jens-Peter Dalsgaard, Lucy Lapar, Isabelle Baltenweck, An Notenbaert
- Systems analysis: Mats Lannerstad, Isabelle Baltenweck, Catherine Pfeifer, Jens-Peter Dalsgaard, An Notenbaert
- MEL: Malcolm Dickson, Jens-Peter Dalsgaard, Isabelle Baltenweck, Michael Kidoido, An Notenbaert

Agreement was reached on the topics/activities to be planned in 2016; these are listed in the sections below and can be used by all partner centres to develop their detailed POWBs for 2016.

### ***Cluster 1.1: Gender***

- A. Best-bet uptake through a gender lens (Vietnam)
- B. ... check gender initiative page...

### ***Cluster 1.2: Nutrition***

- A. Understanding consumer perspectives
- B. Measurement
- C. Review paper on the role of ASF in human nutrition

### ***Cluster 1.3: Environment***

- A. Feeds and environmental impacts
  - a. GHG emissions associated with different feed baskets
  - b. Environmental impacts and trade-offs of forage integration in smallholder farms
- B. Ex-ante impact assessment
  - a. Rolling out CLEANED assessments
  - b. LCA assessments
  - c. Write a review paper “environmental footprint of ASF VCs; what is known so far?”
- C. Biomass framework
- D. Livestock and Water
- E. Bio-digesters
  - a. HH survey to understand what they are fed with and what the slurry is being used for

#### ***Cluster 1.4: VC upgrading***

- A. Quality standards and certification systems:
  - a. Egypt: an approach for pro-poor VC upgrading
  - b. Review of feed quality certification and quality assurance in smallholder systems
- B. Pro-poor markets

#### ***Cluster 1.5: VC transformation/innovation system research***

- A. Lessons-learned from IP approach (TZ, Uganda, Egypt, Nicaragua)

#### ***Cluster 2: Systems analysis***

- A. Validation of best-bets/priorities for VCs and FSs ~ best-bet protocol
- B. Cross-sectoral analysis: Uganda, comparison Uganda/Vietnam
- C. Systems Dynamic Modeling:
  - a. Finalise VC-specific efforts
  - b. Synthesis paper
  - c. Align with the environmental assessments
- D. System analysis workshop (follow-up of 2014 workshop) – recommendations for phase 2
- E. Foresight: joint livestock-aquaculture scenarios

#### ***Cluster 3: Monitoring, evaluation and learning***

- A. Lessons-learned on ToC and the MEL framework; recommendations for the way forward
- B. IEE and CCEE
- C. VC-specific “impact assessment light” of best-bets (+ protocol)