

## Technical Advisory Group (TAG) on Nutrient Cycles Accounting and Impact Assessment

### Terms of reference for TAG co-chairs

The Livestock Environmental Assessment and Performance (LEAP) Partnership is currently appointing two technical experts to coordinate the Technical Advisory Group (TAG) on Nutrient Cycles Accounting and Impact Assessment, hereafter called Nutrient TAG.

The incumbent will support the technical discussions and coordinate the inputs from TAG members during the development of LEAP guidelines on nutrient cycles accounting and impact assessment for livestock supply chains. Such technical guidelines will cover the nutrient use performance accounting at supply chain level and the impact assessment methods for eutrophication, acidification as well as degradation of air and water quality.

LEAP guidelines on nutrient cycles accounting and impact assessment are expected to be included into the previous LEAP guidelines on feed, small ruminants, poultry, large ruminants and pigs supply chains. The incumbents will produce a peer-reviewed paper for publication in a scientific journal.

TAG co-chairs are responsible for ensuring that the TAG work on track and delivering the expected outputs as indicated in the enclosed Nutrient TAG ToRs. The Nutrient TAG co-chairs will:

- Lead a TAG composed of experts from various backgrounds and areas of research (soil science, agriculture science, nitrogen modelling, phosphorus scarcity, resource-use efficiency metrics, animal science, hydrology, ecology, nitrogen footprinting, LCA, impact assessment methods on eutrophication, acidification, water quality and air quality);
- Coordinate the work of the TAG by email, skype, conference calls, two face-to-face meetings;
- Assign roles and responsibilities, monitor progress of TAG members, moderate technical discussions also in the face-to-face meetings, consolidate inputs from TAG members and incorporate text into Nutrient TAG deliverables;
- Prepare the agenda of the two face-to-face meetings scheduled according to the timeline provided by the LEAP Secretariat;
- Review comments from external technical reviewers, LEAP Secretariat, Steering Committee, and of the public; in collaboration with TAG members, propose responses to the comments, and finalize of the LEAP technical documents incorporating the proposed changes.

Participation of TAG co-chairs in the two face-to-face meetings<sup>1</sup> is mandatory and cannot be delegated.

TAG co-chairs will be supported by a TAG technical secretary and will all report to the LEAP Manager and LEAP Secretariat Coordinator.

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<sup>1</sup> While the first face-to-face meeting will be held at the FAO HQ in Rome, Italy, the second one is likely to be arranged outside Europe.

## Qualifications

- Expert in nutrient use performance accounting from agriculture sector, or in nutrients modelling in LCA, or in the fate of nutrient losses from livestock supply chains including eutrophication, acidification.
- Proven track record in research or experienced in implementation of farm nutrients use accounting schemes

Previous experience in the leadership of relevant, inter-disciplinary working groups is an asset.

Minimum requirements include:

- Proficient in English (Level C)
- Effective in oral and written communication
- Constructive attitude
- Skilled in arranging meetings instrumental to build common understanding and technical agreement
- Knowledgeable in coordinating working groups and international projects
- Highly-motivated and committed to develop sound tools enabling to support transparent decision making at various scales and in all regions worldwide
- Respect of cultural and scientific diversity of TAG members
- Willing to contribute to capacity development of regional experts

## Application

Candidates are kindly requested to submit to the LEAP Secretariat ([Livestock-Partnership@fao.org](mailto:Livestock-Partnership@fao.org)) their CVs, which include an updated list of publications and work experiences **by March 16<sup>th</sup> 2016**.

All applications will be reviewed by the LEAP Secretariat and LEAP Steering Committee. Two co-chairs having complementary backgrounds will be selected.

LEAP will offer pre-arrange the trips of TAG chairs to arrange their trips to facilitate their participation in the TAG meetings.