Note for WORKSHOP organisers

Thanks for contributing to the 20th Organic World Congress (OWC) by proposing to organise a Workshop.

Workshop are:

- A 90 min. slot during OWC main Conference (23-25 Sept 2020).

- Proposed and organised by an Organic Stakeholder, by contracting with the OWC Organisers.

- Within the Congress Center, Le Couvent des Jacobins, Rennes, France.

- Included and visible on the OWC programme.

- Dealing with a topic relevant for the Organic sector and in line with the congress’ objectives and themes.

- Dealing with a topic and/or a public in a complementary way than the various OWC Forums.

Please note that:

- You can submit your contribution **until the 21st of October**, 23:59 (CET), by email to workshop@owc2020.bio (after this deadline, no contribution with be accepted).

- The OWC Organisers will select maximum **20 Workshops** (in total).

- Applicants will get a response in October 2019 and may be asked to provide additional information.

For selected Workshops:

**- Workshop organisers will be charged 400€ per workshop** (all taxes included)

- Workshop organisers will organise the Workshop and will cover the related organisation costs *(e.g. working time, edition costs, travel costs, invited speakers, sponsoring).*

- The meeting room will be provided the OWC organisers.

- Participants to Workshops will have to register to the OWC on the conference website: <https://owc.ifoam.bio/2020>

*NB. For further questions, please contact workshop@owc2020.bio*

Title of the Workshop:

Debating the future of nutrient management in organic farming

Main organiser, contact person

*Firstname Lastname, institution name, country, web-address, eMail address*

Anne-Kristin Løes, Norwegian Centre for Organic Agriculture (NORSØK), Norway,

[www.norsok.no](http://www.norsok.no); anne-kristin.loes@norsok.no

Steering committee members are highlighted in bold letters; scientific board = all listed

**Sabine Zikeli, University of Hohenheim, Germany; sabine.zikeli@uni-hohenheim.de**

**Else Bünemann-König, FiBL Switzerland, else.buenemann@fibl.org**

Kurt Möller, University of Hohenheim, Germany; kurt.moeller@uni-hohenheim.de

Jakob Magid, University of Copenhagen, Denmark; jma@plen.ku.dk

**Anne-Kristin Løes, NORSØK; anne-kristin.loes@norsok.no**

**Main objective of the Workshop** *- Maximum 1,000 characters (incl. spaces)*

*Which are the aims of this Workshop? To address which issue? Why is it important?*

The main aim of this workshop is to discuss the future of nutrient management in organic farming (OF). Are new concepts required to obtain balanced nutrient flows in order to develop organic farming in a sustainable direction? Do we need increased application of recycled fertilisers, e.g. derived from urban waste and human-derived nutrients to support the growth of organic production? Do we need to grow more plants specifically to be made into fertilisers? Are those sources of fertilisers acceptable for organic systems? Are Organic regulations (and specifically the EU regulation) adapted to new concepts and current knowledge? Which changes are needed? Are expanded Annexes of permitted inputs the way to proceed, to include more recycled fertilisers in organic production?

**Main topic(s) -** *Maximum 1,000 characters (incl. spaces)*

*(presentations):* Present results from 3 European projects (H2020 RELACS, H2020 Organic PLUS, CORE Organic DOMINO) which address nutrient demand, sources and efficiency in organic arable, fruit and vegetable production. Present positioning statements to challenge existing nutrient management, to engage participants in discussion.

*(in groups):* Discuss the statements and refine them: Do we need changes in nutrient management in OF? With expanding organically managed area, how can the nutrient demand be met? Which treatment processes or recycled fertilisers are acceptable, from which substrates, with which processing technology? Discuss relevant changes to regulations. Do we need new conceptual approaches to evaluate fertilisers for OF?

*(in plenary):* Report back from each group and seek where there is consensus and where statements differ. Explore together ‘Do we need new concepts for improving within-farm as well as societal nutrient cycles?’ If yes, which ones and how can we realise them?

**Link with the main conference themes** *- Maximum 500 characters (incl. spaces)*

*The 6 main topics of the 20th Organic World Congress:*

*1. Inspire people to take action toward sustainability and best practices*

*2. Guide the growth dynamic of organics*

*3. Develop organic and sustainable plant and animal production, food and non-food systems*

*4. Adapt on climate change and reduce the carbon footprint*

*5. Foster biodiversity and diversity at multiple scales*

*6. Commit together to the health of soils, food, people and of the planet*

The use of recycled fertilisers (RFs) is dependent on people’s understanding of ‘waste’ as a resource. Not all ‘waste’ will be acceptable in OF as the production itself is seen as controversial (e.g. factory-farmed animal waste; waste from GM products). However, the expansion of OF may require more RFs in the future. In addition, RFs must be safe to use, acceptable to organic consumers, and solve specific needs (better nutrient balance, access to phosphorus where resources are scarce).

**Targeted public (type of actors, regions of the world)** *- Maximum 500 characters (incl. spaces)*

Scientists will meet stakeholders engaged in OF crop and nutrient management, standards and regulations, to discuss the need for new concepts. Involving ongoing projects guarantees the presence of engaged scientists. We invite especially people from OF associations but welcome all other participants with an interest in this important debate. The research presented focusses on Europe, but the topic has a global applicability, also because EU regulations influence organic standards worldwide.

**Format of the Workshop** *- Maximum 1,500 characters (incl. spaces)*

*(e.g. workshop with participatory method, presentations, keynotes...).*

Proposed time schedule:

Welcome, by moderator Stephanie Fischinger, KTBL, Germany. 3 minutes.

Part 1. Presentations of results and statements from each of 3 relevant European projects (H2020 RELACS, H2020 Organic PLUS, CORE Organic Domino). 3 x 10 minutes + clarifying questions, totally 35 minutes.

Part 2. Participants discuss in groups of 5-8 persons, preferably around tables. 3 questions are given; each group selects at least 1 to discuss. Each group has a table host from one of the involved projects (but not the presenters). 30 minutes.

Part 3. Discussion in plenary. The moderator brings forward the 3 questions and asks for input from the groups, then from single participants. 20 minutes. Whiteboard or big paper sheets with pencils are required.

Wrapping up and acknowledgement by leader of the steering group AK Løes. 2 minutes.

**How the programme will be set up** - *Maximum 1,000 characters (incl. spaces) - Preliminary programme envisaged.*

The preliminary program is shown above as an overview.

Preliminary titles of 3 presentations:

Nutrient management and imbalances in organic farming systems across Europe. Jakob Magid, RELACS

What do organic farmers use for fertilisation? Examples of innovative fertilisers. Anne-Kristin Løes, Organic PLUS

Imbalanced nutrient supply in organic fruit orchards conflicts new fertilisation regulations – results from perennial organic orchards. Sabine Zikeli, DOMINO

**Who will moderate the workshop? Which are his/her/their skills?** *- Maximum 500 characters (incl. spaces)*

Dr. Stephanie Fischinger is a member the team on organic farming and farm economy in KTBL, a large German institute for dissemination of research-based knowledge into agricultural practice. With a background from the organic farming association Bioland, Fischinger knows the organic farming sector across Europe very well. She is an open person taking initiatives, and she will be a good moderator and create an engaged and open discussion where different opinions can come forward.

**Main outcomes expected** - *Maximum 1,000 characters (incl. spaces)*

*(e.g. an exchange on an issue, network building, new insights…)*

The main outcome will be the documentation of the debate, especially consensus within the views presented and further consensus achieved during the discussion. Equally important is the documentation of contrasting positions and alternative/minority views regarding the future of organic nutrient management. Cases for evaluation include e.g. nutrient imbalances across organic arable, fruit and vegetable systems including greenhouses, and the use of RFs from sewage. We will identify research needs, knowledge gaps and the need for potential changes for European organic regulations and fertiliser labelling regulations.

For the participants there will be increased knowledge, more engagement and motivation to work more within this topic in the future.

We will publish a paper from the workshop in the journal ‘Ecology and Farming’ and disseminate the event on the project websites of the three projects (this includes translation into other European languages, where applicable).

**Language of the Workshop** *- Maximum 500 characters (incl. spaces)*

*If it’s not in English, how will you manage translation, with which resources? (The OWC Organisers are not able to provide neither translation material nor resources).*

The language will be English.

**Meeting room needs (capacity) -** *Maximum 500 characters (incl. spaces)*

*Please describe you wishes here, but note that it may not be possible to fulfil them. How many participants are you expecting? Meeting room capacity runs from 30 to 100 people.*

We expect about 50 participants and need to place them in groups. Beamer, possibly a PC, and screen required.

**Additional information or specific request** *Maximum 1,500 characters (incl. spaces)*

*In case you would add something to your proposal.*

* Please send this template to workshop@owc2020.bio before the 21th of October (23:59 CET)