



Organic Knowledge Network on Monogastric Animal Feed OK-Net EcoFeed

Videos

Deliverable number	<i>D.4.2</i>
Dissemination level	Public
Delivery date	<i>30.11.2020</i>
Status	
Lead beneficiary	<i>Research Institute of Organic Agriculture (FiBL)</i>
Author(s)	<i>Andreas Basler and Helga Willer</i>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 773911. This communication only reflects the author's view. The Research Executive Agency is not responsible for any use that may be made of the information provided.

Document Versions

Version	Date	Contributor	Summary of Changes
0.1	04.11.2020	Andreas Basler	First draft
0.2	12.11.2020	Ambra De Simone	Revision
0.3	16.11.2020	Andreas Basler	Revision
0.4	26.11.2020	Ambra De Simone	Revision
1.0	26.11.2020	Andreas Basler	Final Version

This deliverable contains original, unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

Executive summary

This deliverable is part of the Horizon 2020 project – OK-Net EcoFeed. The overall aim of OK-Net EcoFeed is to help farmers, breeders and the organic feed processing industry in achieving the goal of 100% use of organic and regional feed for monogastrics, in particular pigs, broilers, laying hens and parents of broilers and laying hens. The aim of “Work package 4 (WP4)- Evaluation of existing tools and development of new tools” is to collect and prepare end-user materials and develop new tools adapted to the needs of farmers, feed processors and breeders and helping to solve the challenge of organic and regional feed for monogastrics. The specific objectives of WP4 are to collect, evaluate and describe existing tools and end-user material, translate and adapt most promising tools, create fact sheets and videos and develop ration-planning tools for pigs, broilers and laying hens. This deliverable presents the work done in task 4.3 “Creation of fact sheets and videos” by the Research Institute of Organic Agriculture in cooperation with Thematic Groups and Innovation Groups. The videos show various feeding strategies for both pigs and poultry.

Table of contents

Document Versions	2
Table of contents.....	3
Figures	3
Tables.....	3
I. Introduction.....	3
II. Process.....	3
III. Dissemination of the videos	4
IV. Translations/subtitles	5
V. Further videos.....	5
VI. Conclusions.....	6

Figures

Figure 1: Example of a news item and tool view (Video on on-farm soy processing)	5
--	---

Tables

Table 1: OK-Net Ecofeed Videos.....	4
Table 2: Videos from the OK-Net Ecofeed testing activities	5

I. Introduction

The Research Institute of Organic Agriculture (FiBL) was tasked to publish five videos created in cooperation with the partners and innovation groups (IGs) of the OK-Net EcoFeed project until the end of Month 35 (November 2020). All videos are made available on Organic Farm Knowledge, which is the knowledge platform that was created by OK-Net Arable and is being developed further by OK-Net EcoFeed. The videos are meant to support farmers with various feeding strategies. They are in either English or German with added subtitles in German, English and French.

II. Process

The videos were created by Thomas Alföldi from the Research Institute of Organic Agriculture (FiBL). For four of the videos, Mr Alföldi filmed on location with modern filming equipment, carrying out interviews, filming with drones and producing footage for the B roll. The filmed material was then edited using Final Cut Pro and uploaded to [YouTube](https://www.youtube.com). Another video was created as a slideshow, combining pictures and video footage with informative texts and graphs. Another slideshow video from Aarhus University and FiBL is in progress.

All videos are made available on Organic Eprints and on [Organic Farm Knowledge](#).

Table 1: OK-Net Ecofeed Videos

Title	Project partner	Theme	Link
Feeding of pigs: effect of silage	FiBL	Feeding and ration planning, Layers	https://orgprints.org/35301/ https://organic-farmknowledge.org/tool/35301
Feeding organic laying hens with insects	FiBL	Feeding and ration planning, Pigs	https://orgprints.org/38115/ https://organic-farmknowledge.org/tool/38115
On-farm soy processing – toasting soy for pig fattening	Donau Soja	Feeding and ration planning, Layers, Processing and handling of harvested feed	https://orgprints.org/38556/ https://organic-farmknowledge.org/tool/38556
Processing of soybeans - Methods and tips	Donau Soja	Processing and handling of harvested feed	https://orgprints.org/38205/ https://organic-farmknowledge.org/tool/38205
Toasting soybeans for feeding laying hens	Donau Soja	Feeding and ration planning, Layers	https://orgprints.org/37182/ https://organic-farmknowledge.org/tool/37182
Using starfish as feed	Aarhus University/FiBL	Pigs, Layers, Feeding and ration planning, Processing and handling of harvested feed	In progress

All videos will be submitted to EIP-AGRI by December 2020. Furthermore, they are all disseminated via various channels (see following chapter).

III. Dissemination of the videos

Once finalized, the videos are uploaded to FiBL's [YouTube](#) channel and then (via the online archive [Organic Eprints](#)) unto the Organic Farm Knowledge platform (<https://organic-farmknowledge.org>).

A news item is created for each tool as well as Facebook posts and Tweets that then are linked to the tool entry to facilitate discussion.




November 03, 2020

Toasting soy for pig fattening – new video

The video introduces the topic of on-farm soya toasting systems. This technology is a key element...

On-farm soy processing – toasting soy for pig fattening

Learn about on-farm soy toasting from an Austrian pig breeding and fattening farm.



[PLAY VIDEO \(DE\)](#)

Problem
Regionally produced protein feed is often not available and needs to be imported from far away from the farm.

Solution
The video introduces the topic of on-farm soya toasting systems. This technology is a key element for short supply chains and enables farmers to create more added values on the farm.

Description
The Höckner family runs a pig breeding and fattening operation near Linz, Austria. Some years ago, the Höckners bought a soya toasting system. In this video they recount their experiences with toasting soya beans and feeding the soya press cake to their pigs. They farmers report an excellent pork meat quality from feeding on-farm freshly roasted soya beans. This video is aimed at all farmers interested in toasting soya on-farm and is not specific to organic production.

Video

Average rating to the tool:
Number of ratings to the tool:
Give your rating to the tool:
★★★★★

Applicability

THEME
Pigs - Feeding and ration planning - Processing and handling of harvested feed

LANGUAGES
English - German - French

KEYWORDS
swine , piglets , feeding , processing

YEAR OF RELEASE
2020

COUNTRY OF ORIGIN
Austria - Switzerland

ISSUING ORGANISATION
Donausoja, <https://www.donausoja.org/>
FiBL, <https://www.fiblor.org/>

Figure 1: Example of a news item and tool view (Video on on-farm soy processing)

News items and social media posts are shared with the project partners to facilitate the dissemination among their networks and social media.

Recently, a newsletter was created for Organic Farm Knowledge, which also features the videos. To subscribe to the newsletter, users need to enter their e-mail address and confirm their subscription (<https://organic-farmknowledge.org/news-events/newsletter>).

IV. Translations/subtitles

Each video is uploaded to the toolbox of Organic Farm Knowledge (e.g. <https://organic-farmknowledge.org/tool/38556>). This entry contains a summary of the video in English, which can be translated using the platform’s automatic translation facility.

All OK-Net EcoFeed videos are subtitled in German, English and French.

V. Further videos

Within the framework of Work package 3, other videos have been produced based on the testing activities carried out in OK-Net EcoFeed while further videos and slideshows are in the pipeline.

Table 2: Videos from the OK-Net Ecofeed testing activities

Can sprouted seeds be a source of nutrition for poultry?	Soil Association	Layers, Processing and handling of harvested feed	https://orgprints.org/38207/
Introducing maize, bean and courgettes into the diet of foraging pigs	ITAB	Feeding and ration planning, Pigs	https://orgprints.org/37908/

Rotational grazing for organic pregnant sows to replace protein components	ITAB	Feeding and ration planning, Pigs	https://orgprints.org/38114/
--	------	-----------------------------------	---

During the remaining project period (up to March 31, 2021), more videos will be produced in regard to the testing activities.

VI. Conclusions

In the five videos that were compiled in the framework of OK-Net EcoFeed, existing knowledge in the field of feeding (organic) monogastrics was made accessible to a wider audience, using the Organic Farm Knowledge platform, project and partners' social media accounts as the key communication channels.

With the production of these videos, a major step towards reaching the OK-Net EcoFeed aims of

- a) helping organic pig and poultry farmers in achieving the goal of 100% use of organic and regional feed and
 - b) exchanging and co-creating knowledge among farmers, business actors, researchers and advisors
- was achieved.