



## Report

**Task:**

Task 1. Organisation of mobilities

Task 2. Subsidising participation in international conferences

**Participant's first and last name, academic degree and title:**

Tobias Kettrukat (PhD student)

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**University name:**

Aarhus University

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**Faculty/Department name:**

Department of Food Science

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**Implementation period:**

03.04.2022 – 30.07.2022

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**Description of actions implemented within the task:**

Financed by EcoSET project, I visited Politechnika Bydgoska and experience another research environment and work more closely with my co-supervisor dr hab. inż. Ewa Grochowska as well as other resident researchers and PhD students of the Faculty of Animal Breeding and Biology. Exchanges with other research groups abroad are an integral component of the curriculum at the graduate school at Aarhus University and with the support of Politechnika Bydgoska and EcoSET project I was able to complete this part in Poland. It included participation in the work of different labs, including animal experiments, sampling, wet lab, and dry lab. The aim for my PhD thesis was to obtain skills in genetic and phenotypic sexing of newly hatched chickens. Furthermore, I had the



chance to participate in experiments on *in-ovo* injection, took samples for histology and qPCR and performed different histological techniques. As part of the international collaboration, I was taught and supported by several researchers of the faculty and a first draft for a manuscript that could be published or become part of another publication was drawn up.

**Description of results obtained during the implementation of the task:**

<b>Short-term:</b>	<ul style="list-style-type: none"> <li>• Gained more experience in sampling from animals and processing of samples</li> <li>• Experience in writing publications (own and possible contribution)</li> <li>• Skills gained in histology and qPCR</li> <li>• Skills gained in genetic and phenotypic sexing</li> <li>• Skills and knowledge gained in in-ovo injection of eggs</li> </ul>
<b>Long-term:</b>	<ul style="list-style-type: none"> <li>• Networking with other scientists</li> <li>• Development of further cooperation</li> <li>• Exchange of knowledge and protocols for implementation at my department in Aarhus</li> </ul>

30.07.22

date, Beneficiary signature

date, Project Manager signature