



GÖTZ EICHHORN

From Sweden to France



Project: **The barnacle goose facing Arctic climate change**

Research topic: **Environment**

Swedish Institution: **Lund University**

French Institution: **University of Strasbourg**

Dates of mobility: **31/05/2015 to 07/06/2015**

Program: **SFVE-A (ex-FRÖ)**



PRESENTATION

[Götz Eichhorn](#) is a Researcher at [Wageningen University & Research](#). Before that, he was a PostDoc at [Lund University](#) (at the time of the mobility). He obtained his PhD from [University of Groningen](#) in 2008. He is interested in the understanding the interfaces of animal ecology and physiology, hosting a particular proclivity for bird migration patterns and how these are affected by environmental variations such as climate change.

ACTIVITIES IN FRANCE

Götz Eichhorn visited the Institut Pluridisciplinaire Hubert Curien ([IPHC](#)) under the Department of Ecology, Physiology and Ethology ([DEPE](#)) of the [University of Strasbourg](#) and the French National Center of Scientific Research ([CNRS](#)). He met with [Dr. Jean-Yves Georges](#), with whom he was collaborating on metabolic measurements of barnacle geese. They conducted respirometry trials with the respirometer (gas analyzer) that Eichhorn had brought with him, and he showed PhD candidate [Agnes Lewden](#) how to operate it for her planned work on metabolic rates of king penguins.

Eichhorn also held a presentation on his research on the barnacle goose after which fruitful discussions ensued. He also had the chance to visit the field experiment facilities of DEPE in Fort Holtzheim and a field study site in Alsace, guided by [Dr. Yves Handrich](#). Dr. Handrich also invited him to his home, where they discussed eco-physiological research on hamsters and penguins. He had a meeting and lengthy exchanges with [Dr. François Criscuolo](#) regarding a collaboration for a comparative study of telomere length and the rate of shortening in Arctic and temperate barnacle geese. He also met with [Dr. Vincent Viblanc](#), who studies the behavior and eco-physiology of king penguins and ground squirrels.

In sum, a range of collaborative initiatives and future exchanges were conceptualized. Dr. Criscuolo made clear primary laboratory analyses of telomere length dynamics in different populations of geese would be run at the end of the year.