



**UNDERSTANDING THE CONNECTIVITY  
AND DYNAMICS OF AVIAN INFLUENZA**

## D6.2 Launch of project website

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Delivered by: Friedrich-Loeffler-Institut, Coordinator

### Dissemination level

- Public
- Confidential, only for members of the consortium (including the Commission Services)



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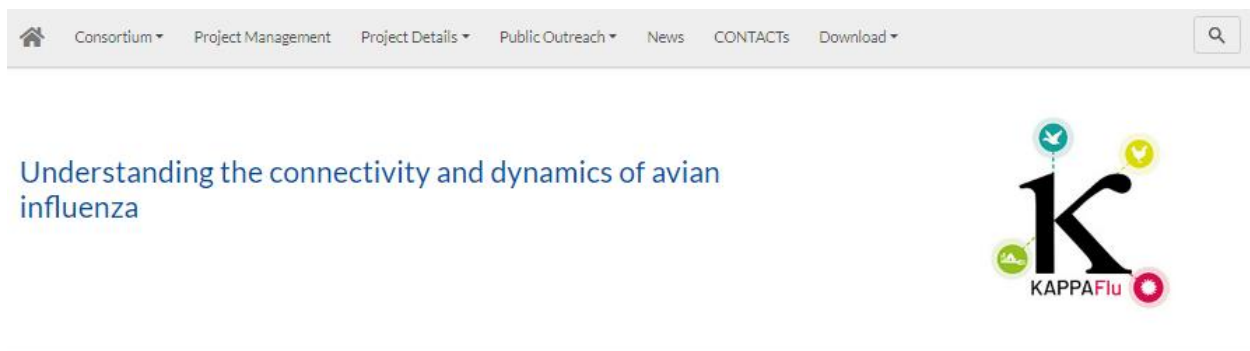
## INTRODUCTION AND SUMMARY

KAPPA-FLU developed a public website <https://kappa-flu.fli.de> with background information on the project. At the current status it includes information on objectives, the management structure and consortium partners. As the project progresses, published papers will be available as well as information on conference abstracts, slide decks, and posters.

## WEBSITE DETAILS

### LANDING PAGE

The landing page delivers information on the aims and objectives of KAPPA-FLU and links out to more detailed descriptions of the background and the project funding. Additionally, it includes a news flash.



Objectives  
Background  
Funding

#### News

- KAPPA-FLU Kick Off  
21.07.2023 | press
- KAPPA-FLU started  
06.07.2023 | press



KAPPA-FLU aims to understand the connectivity and dynamics of HPAI H5 viruses in wild birds, poultry and the environment, including the impact of climate change.

The ambition of KAPPA-FLU is to improve risk- and knowledge-based surveillance and to identify new and COST-effective prevention and control options (including vaccination) for HPAI in poultry and wildlife that improve human health, animal welfare, wildlife conservation and sustainability of poultry production.

Based on this overall objective and ambition, the specific objectives of KAPPA-FLU are:

- Identify viral, host and environmental factors of HPAI ecology in migratory bird populations critical to long-term maintenance and long-distance virus spread focussing on HPAI H5 clade 2.3.4.4 viruses.



## PAGE “CONSORTIUM”

This page describes connections and interactions of the different Work Packages, the boards and their expected impact. It links out to more detailed descriptions of the Management Bodies and the Consortium Members.

Understanding the connectivity and dynamics of avian influenza



Home / Consortium / Management Bodies

**Management Bodies**

Consortium Members

### Management Bodies

- [Steering Committee \(SC\)](#)
- [Executive Board \(EB\)](#)
- [Scientific Advisory Board \(SAB\)](#)
- [Ethics and Biorisk Board \(EBB\)](#)

#### Steering Committee (SC)

Each partner institution appoints one representative key scientist to the SC. The SC is authorised to take decisions on behalf of the consortium and is responsible for the overall performance of KAPPA-FLU under the Horizon Europe Grant Agreement and the Consortium Agreement. Decisions in the remit of the SC include changes to the consortium, changes in the overall objectives or approaches of KAPPA-FLU, significant changes in partner budgets, conflicts between partners or changes in the composition of management and advisory bodies. The SC will be chaired by the Coordinator and the Co-coordinator. The Coordinator will consolidate the progress reports, milestone reports, financial statements and budgetary overviews with input from all partners. He will be the official liaison point between the EC Project Officer and the consortium and is formally responsible for financial, legal, ethical, and contractual issues. To ensure that the coordination effort does not interfere with the scientific progress of the project, the Coordinator will be supported by a Project Manager at P01 (ELI), who will provide the necessary operational and administrative support.

Partner	Representative
Friedrich-Loeffler-Institut (FLI)	Martin Beer
ERASMUS University Medical Center (ERASMUS MC)	Ron Fouchier
Linnaeus University (LNU)	Jonas Waldenström

## PAGE “PROJECT MANAGEMENT”

This page introduces the project coordinators and the support team.


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Home / Project Management





### Project Management

#### Coordination



#### Co-Coordination





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## PAGE “PROJECT DETAILS”

Here we present a more detailed work plan containing information on the topics, research contents and the expected outcome. Furthermore, this page links out to an overview of the project progress.

### Understanding the connectivity and dynamics of avian influenza



Home / Project Details / Work Plan

Work Plan

Project Progress

#### Work Plan

**KAPPA-FLU** is organised into **five interconnected work packages** (WP1-5) across three research themes: **Disease ecology** (A), **Virology** (B) and **Agro-ecosystem risk** (C), with an overarching work package for **coordination and management**, including a **Multi-Actor Panel** (WP6).

**All output from themes A and B is synthesised in theme C to assess the risk posed by HPAI H5 viruses to agroecosystems and to identify effective and COST-efficient prevention and control strategies.** Avian influenza surveillance systems in wild birds are already used to warn EU member states of HPAI virus incursions in relation to timing, geography, and host species and to adjust biosecurity measures and other risk-mitigation strategies (e.g., temporary bans on outdoor roaming). **Improving knowledge of the constantly changing field situation** through surveillance is key to the success of ongoing, and possibly **novel, risk-mitigation strategies**. Importantly, as it is the antigenic matching of vaccines with the circulating viruses is crucial for potential future vaccine use in poultry, we will characterise the antigenic properties of prototype viruses circulating in Europe and beyond (WP2), feeding into vaccine selection efforts coordinated by OFFLU (FAO/WHO) and WHO for veterinary and pandemic vaccines (VCM). Additionally, we will provide fully characterised challenge strains for future vaccines (WP3) and analyse their possible use options (WP5).

	Kappa-Flu research	Exceptional research and innovation	Expected outcomes
<b>WP1.</b> Disease ecology of HPAI in migratory waterbirds	<ul style="list-style-type: none"> <li>- Risk- and knowledge-based surveillance to identify population dynamics of HPAI H5 GsGd lineage viruses in wild birds and spill-overs hosts</li> <li>- Critical aspects of the ecology, environment, population dynamics, age structure and</li> </ul>	<ul style="list-style-type: none"> <li>- Tracking bird migration &amp; link to environmental conditions</li> <li>- Understanding drivers of virus evolution and maintenance in key avian populations</li> <li>- Whole-genome sequencing and sequence analyses</li> </ul>	<ul style="list-style-type: none"> <li>- Improving the capacity for risk-based surveillance by better understanding sources and pathways of emergence and spread of animal diseases, including habitat destruction.</li> <li>- Improving understanding of climate change effects on patho-</li> </ul>

## PAGE “PUBLIC OUTREACH”

In future this page will present published papers, conference abstracts, slide decks, and posters. Furthermore, it links out to the KAPPA-FLU TWITTER Account and downloadable versions of the flyer.

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Home / Public Outreach / Library / Research Papers

Library

Research Papers

Conference Contributions

Communication Tools

## PAGE “NEWS”

This page collects the messages from the News flash for later viewing.

### Understanding the connectivity and dynamics of avian influenza



Home / News

#### News



#### KAPPA-FLU Kick Off

21.07.2023 | press

With the kick-off meeting on 14th of July, the consortium KAPPA-FLU of outstanding experts from 10 international research institutes, coordinated by...

[Weiterlesen](#)



#### KAPPA-FLU started

04.07.2023 | press

On May 01, 2023, the Horizon Europe funded project KAPPA-FLU started.

[Weiterlesen](#)

## PAGE “CONTACTS”

Here the contact data of the project coordinators and the support team can be found.

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Home / Project Management

#### Project Management

##### Coordination



##### Co-Coordination



## MEMBERS AREA

In this password-protected area there is information for the project partners. This includes meeting minutes and presentations as well as contact lists, templates and project-specific design elements.

