Improved diagnosis and early warning systems for avian influenza outbreak management

Fact Sheet

Project Information

**FLUTEST**

Grant agreement ID: 44429

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<td>1 February 2007</td>
<td>31 January 2011</td>
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**Funded under**

FP6-POLICIES

**Overall budget**

€ 2 524 216

**EU contribution**

€ 1 502 880

**Coordinated by**

SECRETARY OF STATE FOR ENVIRONMENT FOOD AND RURAL AFFAIRS

United Kingdom

Objective

The primary goal of this proposal will be the joint development and application of technologies to combat avian influenza infections. This goal will be achieved through the interaction of leading European institutes along with the collaboration of non-EU laboratories experienced in AI outbreak control and management. A study will be conducted to establish the effectiveness of the current EU surveillance and early warning systems for AI and then to develop blueprints for improvements to these programmes in disease free periods and during outbreaks. The model will include criteria for harmonized diagnostic tests for on-farm outbreak investigation. To complement this study a range of diagnostic tools will be developed, evaluated and
validated alongside the evaluation of a range of commercially available tests. This will include sophisticated laboratory based methods, high throughput techniques for molecular and serological testing, penside testing and simplified tests for use in laboratories with limited resources or experience. Efforts will particularly focus on the validation of tests for use on clinical materials derived from Anseriformes, other wild birds species and some selected mammalian species.

**Fields of science**

natural sciences ➔ biological sciences ➔ zoology ➔ ornithology
medical and health sciences ➔ health sciences ➔ infectious diseases ➔ RNA viruses ➔ influenza

**Programme(s)**

FP6-POLICIES - Policy support: Specific activities covering wider field of research under the Focusing and Integrating Community Research programme 2002-2006.

**Topic(s)**

POLICIES-1.4 - New and more environment friendly production methods to improve animal health

**Call for proposal**

FP6-2005-SSP-5-B-INFLUENZA

See other projects for this call

**Funding Scheme**

STREP - Specific Targeted Research Project

**Coordinator**

SECRETARY OF STATE FOR ENVIRONMENT FOOD AND RURAL AFFAIRS

Address

Nobel House. 17 Smith Sqaure
London

[2 of 7]
Participants (15)

ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELE VENEZIE
Italy
Address
Viale Dell’universita 10
Legnaro (Padova)

STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK
Netherlands
Address
Costerweg 51
9101 Wageningen

AGRICULTURAL RESEARCH COUNCIL- ONDERSTEOPORT VETERINARY INSTITUTE
South Africa
Address
100 Old Soutpan Road
X 05 Pretoria

FRIEDRICH-LOEFFLER-INSTITUT, FEDERAL RESEARCH INSTITUTE FOR ANIMAL HEALTH
Germany
NATIONAL VETERINARY INSTITUTE
Sweden
Address
Ulls Vag 2b
Uppsala
Links
Website

THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE
United Kingdom
Address
The Old Schools, Trinity Lane
Cambridge
Links
Website

AGENCE FRANCAISE DE SECURITE SANITAIRE DES ALIMENTS (FRENCH FOOD SAFETY AGENCY)
France
Address
27/31 Avenue Du General De Gaulle
Maisons-alfort
TECHNICAL UNIVERSITY OF DENMARK

Address
Anker Egelundsvej 1, Bygning 101 A
2800 Lyngby

INSTITUTE OF VIROLOGY AND IMMUNOPROPHYLAXIS

Address
Sensemattstrasse 293
Mittelhaeusern

UTRECHT UNIVERSITY, FACULTY OF VETERINARY MEDICINE, DEPARTMENT OF FARM ANIMAL HEALTH

Address
Heidelberglaan 8
80125 Utrecht

CEPHEID EUROPE SA

Address
Vira Solelh
Maurens-scopont
KANTONALES LABORATORIUM BASEL-STADT
Switzerland
Address
Kannenfeldstrasse 2
Basel

FORSITE DIAGNOSTICS LTD
United Kingdom
Address
St Alphagate House, 2 Fore Street
London

APTUSCAN LTD
United Kingdom
Address
Leeds Innovation Centre, 103 Clarendon Road
Leeds

UNIVERSITY OF BATH
United Kingdom
Address
Claverton Down
Bath

Links
Website

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