

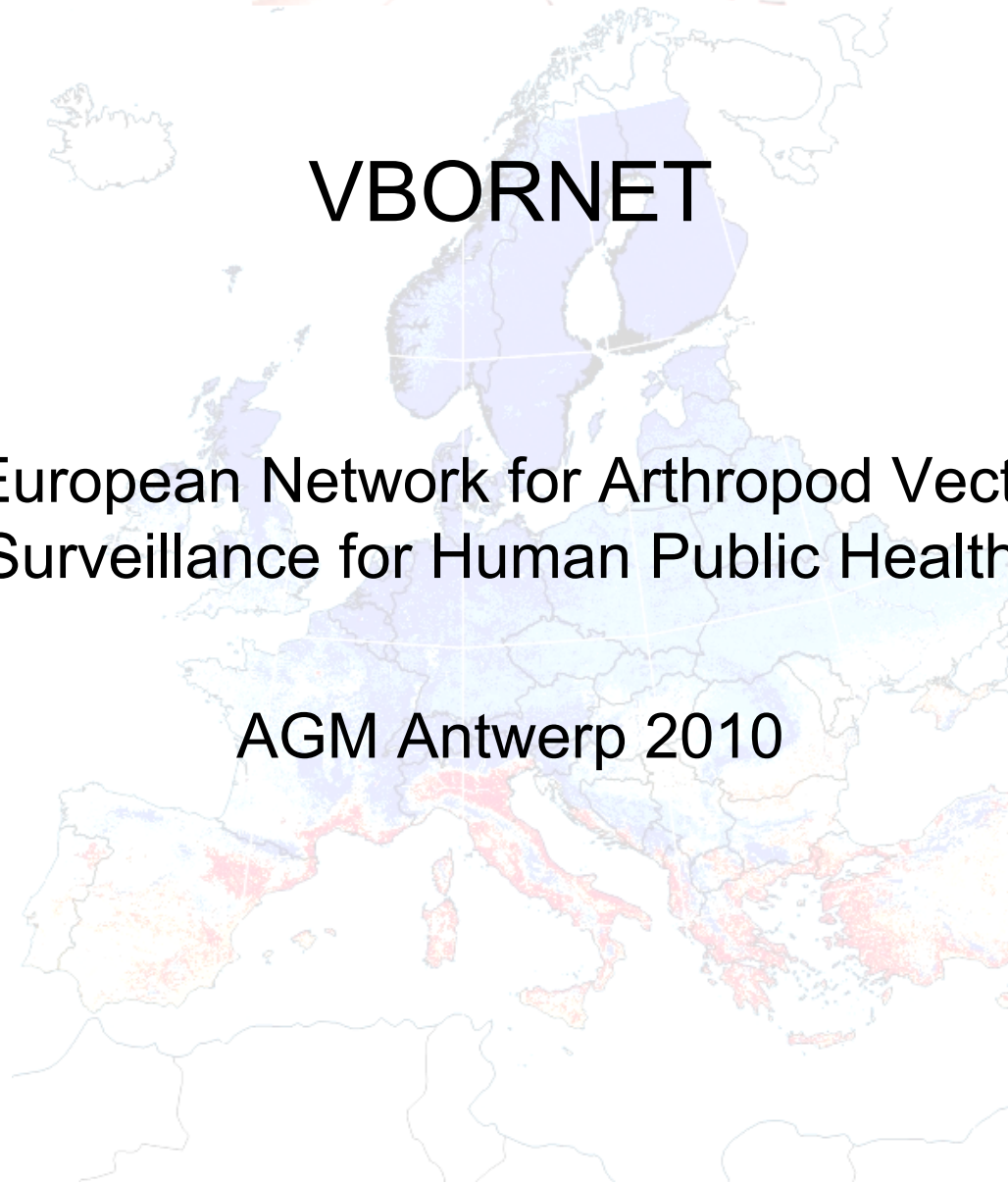


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VBORNET

"European Network for Arthropod Vector
Surveillance for Human Public Health"

AGM Antwerp 2010



Objectives first year:

1. Identification of VBORNET PH network partners organised per region
2. A database containing public health surveillance networks listing and documenting available public health resources on a country by country basis
3. An inventory of available PH resources identifying expertises, gaps of knowledge on vectorborne surveillance and recommendations for further activities will be provided

Strategic working group and regional focal Points

Marika Hjertqvist, SMI, Sweden

Joke van der Giessen, RIVM, Netherlands

Zdenek Hubalek, *IVB, Czech Republic.*

Renault Lancelot, *CIRAD, France.*

Didier Fontenille, IRD, *France.*

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Identification of VBORNET PH network partners organised per region

North Europe: Marika Hjertqvist: Experts in Denmark and Sweden

Western Europe: Joke van der Giessen: Experts in Netherlands, Belgium and UK identified.

Central Europe: Zdenek Hubalek: *Problem is whether focal points can be established outside national public health institutes and political problems in some MS.*

Southern Europe: Renault Lancelot: *> 400 PH experts identified.*

Didier Fontenille, IRD, *Institut de Recherche pour le Développement, Montpellier, France.*

Feed back from Reg FP

- Experiences identified by regional focal points to identify PH VBD experts
 - **Not difficult if you know PH experts (with formal PH responsables.**
 - **Hard to identify if you do not know the country**
 - **PH expert with formal PH responsibilities or all experts**
 - **Political issues raised by FP**
 - **Cecilia Campion and Renaud Lancelot build a Database of PH experts > 400 experts added. Presentation wednesday**

- What can PH VBD expert expect from the VBORNET?
 - **Feed back with regular intervals to build a active network**
 - **Information via VBORNET or with WP 4 regional FP**

- What is a PH VBD expert?
 - **kind of information is needed from PH expert**
 - **Define functionality of a PH expert**

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Method aim 2 & 3 : survey per MS by a questionnaire

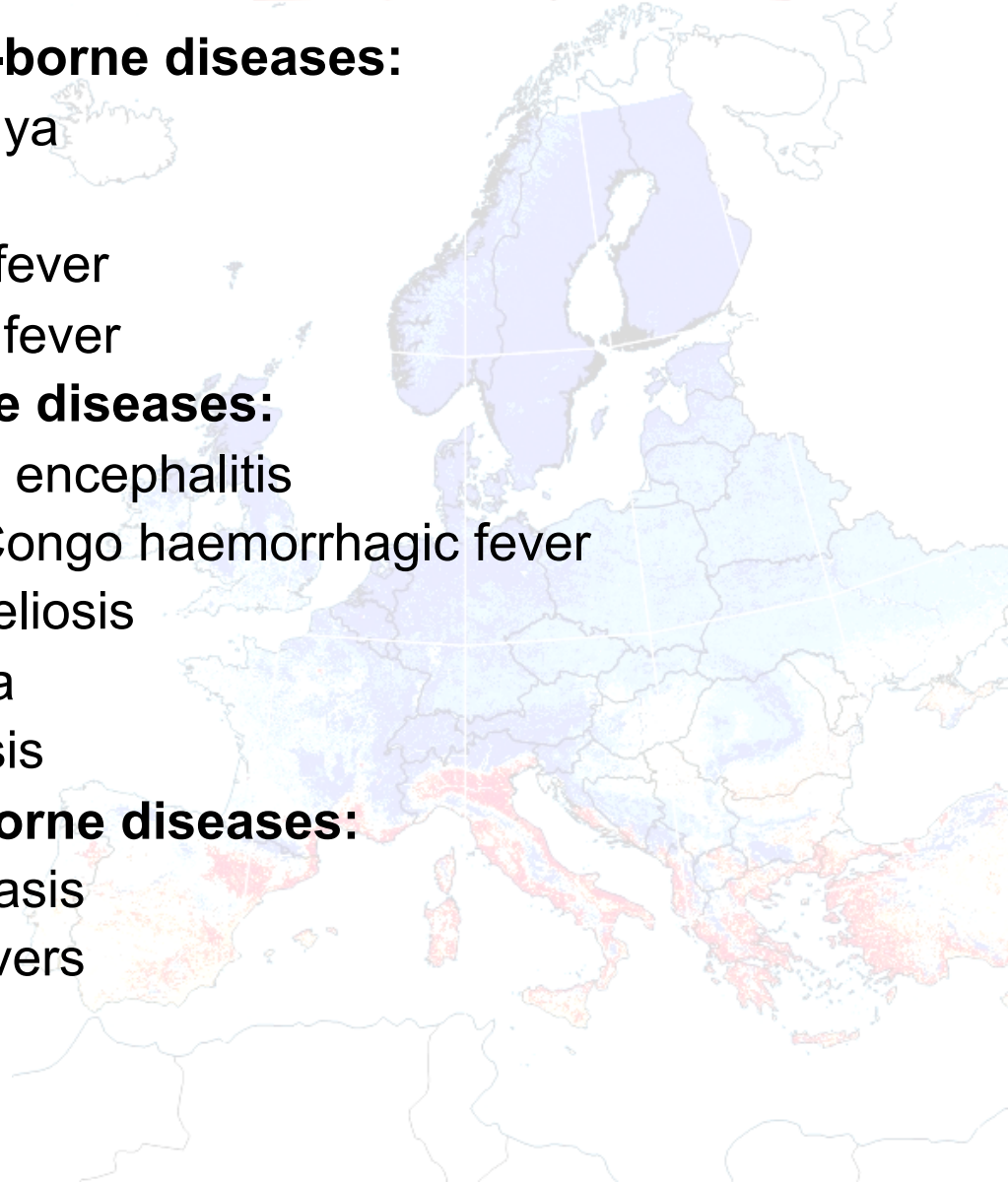
- To establish an inventory of Vector-borne disease and related public health activities and expertise in Europe through questionnaires.
- The survey consists of eleven questions, targeted to the person responsible for national surveillance on vector-borne diseases and / or nationally acknowledged experts in special health issues.
- Identify PH experts per MS
- This survey is conducted by ECDC (formal PH links)

Achievement : Development of a PH Questionnaire

- Surveillance activities (e.g. laboratory surveillance, notifiable by law or voluntary) regarding vector-borne diseases among humans, animals and in vectors.
- Other efforts to estimate the occurrence of vector-borne disease (e.g. by cross-sectional studies).
- The extent of information exchange between public health, vector and animal surveillance systems.
- The availability of surveillance or contingency plans, and public health communication campaigns about personal prevention against vector-borne diseases.
- What experts would be interested to contribute to VBORNET.

Q1: Are activities performed in your country regarding surveillance of human cases for the following vector-borne diseases?

- **Mosquito-borne diseases:**
- Chikungunya
- Dengue
- West Nile fever
- Rift Valley fever
- **Tick-borne diseases:**
- Tick-borne encephalitis
- Crimean-Congo haemorrhagic fever
- Lyme borreliosis
- Tularaemia
- Rickettsiosis
- **Sandfly-borne diseases:**
- Leishmaniasis
- Sandfly fevers



Future activities

- PH-questionnaire already available via VBORNET website
- Information will be send out by ECDC to MS
- Return of questionnaire and analysed by WP4
 - Identified PH expertise and experts
 - Identify networks and expert input for the database
 - Surveillance activities VBD in MS
 - Identified gaps for future action plans and strategy paper

Deliverables year 1

- Strategic paper describing the findings of the VBORNET network.
- Paper Outline year 1:
 - Relevance of vector- and VBD surveillance for Public Health. Structuring vector surveillance incl pathogen detection and VBD surveillance in Europe; special emphasis on Lyme disease in Europe.
 - Finalised in September 2010
 - To be discussed during ECDC meetings in November 2010
- Paper will be discussed tomorrow by Marieta Braks