



Information and Communication Technologies

EPIWORK

Developing the Framework for an Epidemic Forecast Infrastructure

<http://www.epiwork.eu>

Project no. 231807

D8.2 Project Web Site

Period covered: months 1st – month 4th
Start date of project: February 1st, 2009
Due date of deliverable: September 30, 2009
Distribution: public

Date of preparation:
Duration:
Actual submission date: October
12th 2009
Status: Draft

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Lead contractor for this deliverable:

Work package participants

The following partners have taken active part in the work leading to the elaboration of this document, even if they might not have directly contributed writing parts of this document:

- **ISI – Institute for Scientific Interchange Foundation**
- **FGC-IGC – Fundação Calouste Gulbenkian**
- **TAU – Tel Aviv University**
- **MPG – Max Planck Gesellschaft zur Foerderung der Wissenschaften E.V.**
- **AIBV – Acquisto Inter BV**
- **SMI – SMITTSKYDDS Institutet**
- **KUleuven – Katholieke Universiteit Leuven**
- **CREATE-NET – Center for Research And Telecommunication
Experimentation for NETworked communities**

Change log

Version	Date	Amended by	Changes
1	08/10/09		
2	09/04/10	ISI	

Executive Summary

According to the contract, the public will be informed about the Epiwork project by a continually updated website. It will give an overview about the project and give compile press material and publications.

This website is located at

<http://www.epiwork.eu>

The web site is hosted by seeweb s.r.l. (<http://www.seeweb.it>).

This web site will be promoted by links from the partners web sites as well as from the Cordis web site.

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1 Content of the web site

1.1 Logo of the project

Central to the web site is the project logo:



It contains a pattern that recalls complex networks while the “o” is a merging between a stylized complex network and a virus.

The logo wants to communicate the idea that epidemic processes can be studied in a comprehensive fashion, in a manner that addresses the complexity inherent to the biological, social and behavioral aspects of health related problems.

1.2 Pages of the Web Site

On the top side of every page there is a navigation bar which allows the access to each of the six main pages. The content area is on the central part of each page. On the right side of each page there is a sidebar containing links to access further information about the web site.

The web site contains the following content pages reachable from tabs on a top bar in the home page:

Home: <http://www.epiwork.eu/> a very brief introduction to the project and a diagram highlighting the main components of the Epiwork project and their integration to reach the overall aim of the project. The home page is form of a blog, therefore, under the project introductions, it displays news and update about the project, the work packages and the partners. It is shown in figure 1.

The Project: <http://www.epiwork.eu/the-project/> A more detailed introduction to the project. It contains a graphic depicting of the different work packages integration (see figure 2). The page contains three sections: “Concepts and Objectives”, “Progress beyond the state of the art”, “S/T methodology and associated work plan”.

About: <http://www.epiwork.eu/about/> A brief introduction of members of the Epiwork project, together with links to their web sites, the logo of their institution and the name of the team leader for each partner. It contains also a graphic depicting of the interaction among the different partners (see figure 3).

Publications: <http://www.epiwork.eu/publications/> List of editorial material, scientific publications and international conferences and seminars by consortium members which are linked to Epiwork. The Editorial material section contains links to dissemination movies, dedicated features in international journals etc

H1N1: <http://www.epiwork.eu/2009-h1n1-flu/> This page is dedicated to the progress made by the several teams during the H1N1 2009 pandemic.

Resources: <http://www.epiwork.eu/resources/> This page contains a subset of pages illustrating demos and prototypes developed in the scope of the different Work Packages:

- **WP2:** Spatially structured models and human mobility
<http://www.epiwork.eu/resources/wp2-spatially-structured-models-and-human-mobility/>
- **WP3:** Epidemic Marketplace <http://www.epiwork.eu/resources/wp3-epiwork-epidemic-marketplace/>
- **WP4:** Computational Modelling Platform
<http://www.epiwork.eu/resources/wp4-computational-modeling-platform/>

- **WP5:** ICT monitoring and reporting systems
<http://www.epiwork.eu/resources/wp5-ict-monitoring-and-reporting-systems/>
- **WP6:** Reporting systems comparative analysis and evaluation
<http://www.epiwork.eu/resources/wp6-reporting-systems-comparative-analysis-and-validation/>

In the press: <http://www.epiwork.eu/in-the-press/> Press release, articles on TV, radio etc.

Events: <http://www.epiwork.eu/events/> This page contains announcements about international events organized by the several partners participating to the Epiwork project.

Login: <http://www.epiwork.eu/restricted/> This page is dedicated to the sharing of restricted material among the partners and European Officers.

EPIWORK

HOME THE PROJECT ABOUT PUBLICATIONS H1N1 RESOURCES PRESS EVENTS LOG IN

Developing the framework for an epidemic forecast infrastructure

The EPIWORK project proposes a multidisciplinary research effort aimed at developing the appropriate framework of tools and knowledge needed for the design of epidemic forecast infrastructures to be used in by epidemiologists and public health scientists. The project is a truly interdisciplinary effort, anchored to the research questions and needs of epidemiology research by the participation in the consortium of leading epidemiologists, public health specialists and mathematical biologists.

[DOWNLOAD THE PROJECT PRESENTATION](#)

[more »](#)

Posted February 3rd, 2009

Epidemic Planet at Edinburgh International Science Festival

The 22nd edition of the [Edinburgh International Science Festival](#), running from April 3 to 17, 2010, features a special event, [Meet the Medics and Vets](#), with the contribution of:

Epidemic Planet – explore how H1N1 influenza travels around the world and how intervention measures may help

Epidemic Planet is the visualization application developed in the context of the [Epiwork Computational Modeling Platform](#), which enables its users to interactively compare and learn about the effect of a number of intervention scenarios on a pandemic, simulated using [GLEaM](#) (Global Epidemic and Mobility model). Its first public appearance was at the 3 months long [INFECTIOUS Art & Science](#) exhibition at the [Science Gallery](#), Trinity College, Dublin, Ireland.

In collaboration with the British Society for Immunology, Epidemic Planet lands at the Edinburgh International Science Festival. In this installation, visitors will observe the evolution of the 2009 H1N1 influenza pandemic since its early origin in Mexico, and will discover how the air traffic and commuting flows determined the spreading patterns of the flu worldwide.

Moreover, through a large screen coupled with a touch-screen interface, visitors will be able to explore different scenarios of propagation of the H1N1 pandemic according to different initial conditions (what if the flu started in Edinburgh? what if it were more contagious?) and different intervention measures. In this way, they will learn how the flights ban or the early distribution of vaccines could have affected the spreading of the pandemic.

The venue of the Epidemic Planet exhibition will be Hawthornden Court, in the National Museum of Scotland. Check out the [programme](#) of the Festival!

Come and visit the Epidemic Planet in Edinburgh!

Posted March 25th, 2010

Links

[EDS](#) [SCIENCE](#) [EPIWORK](#)

FUNDING OPPORTUNITIES

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FUTURE & EMERGING TECHNOLOGIES scheme

PNAS

Communicating and pandemic prediction

physicsworld

Meta

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[Log out](#)
[Entries RSS](#)
[Comments RSS](#)
[WordPress.org](#)

Categories

[Latest news](#)
[Main](#)

Figure 1: Home page of the web site

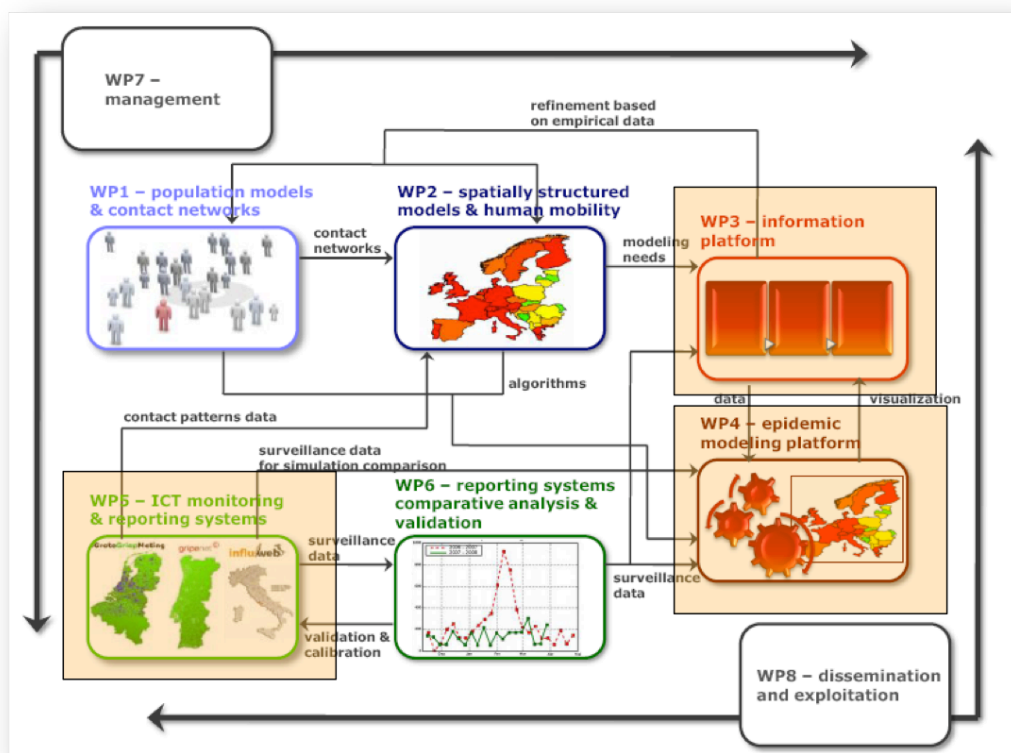


Figure 2: Graphical presentation of the project components

The diagram above sketches the information flow and functional dependencies among the different work packages composing the project. The diagram also shows that all WPs units bear to the Management (WP7) and Dissemination and exploitation (WP8) WPs.

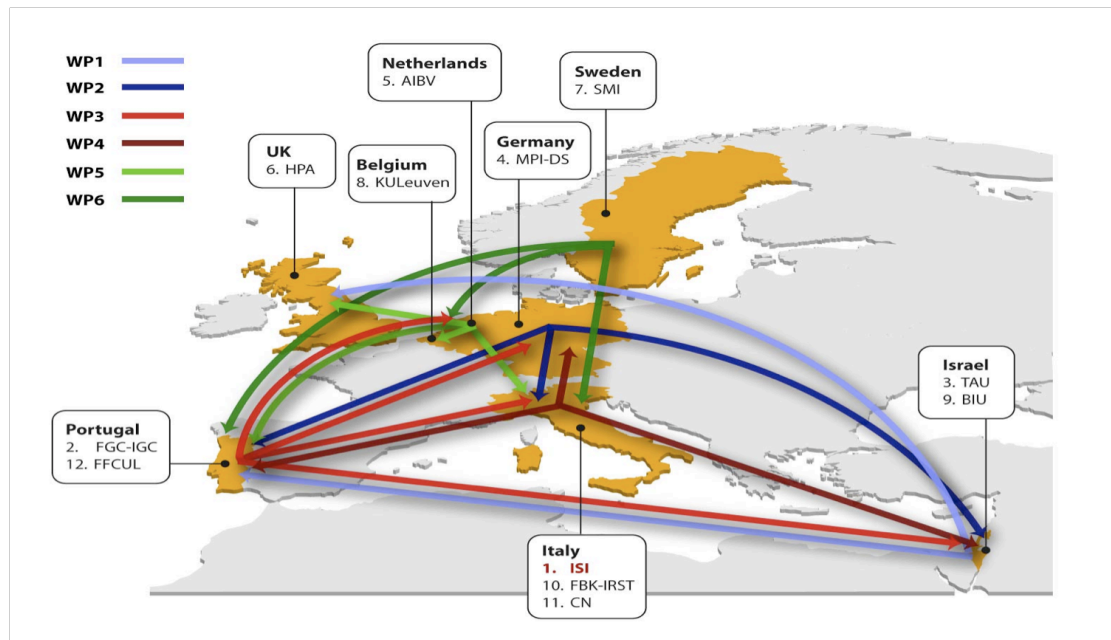


Figure 3: Illustration of the Consortium

The map shows the partners of the Consortium and the collaborations envisioned by the project for each research work package. Arrows depart from the country of each WP leader.

2 Technical Details

The web site is implemented by using the publishing platform WordPress (<http://wordpress.org>), with a customized header and two-columns layout.