



HEARTFAID

**D47–Report on raising public
participation and awareness**

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HEARTFAID

A KNOWLEDGE BASED PLATFORM OF SERVICES FOR SUPPORTING MEDICAL-CLINICAL MANAGEMENT OF THE HEART FAILURE WITHIN THE ELDERLY POPULATION

Project summary	
Project acronym:	HEARTFAID
Project identifier:	IST – 2005 – 027107
Duration of the Project:	01/02/2006 – 30/04/2009
Project Co-ordinator:	UNICAL University of Calabria (Italy)
Thematic Priority:	Information Society Technology
Instrument:	Specific Targeted Research or Innovation Project

Consortium
<ul style="list-style-type: none"> ➤ UNICAL- Università della Calabria (Italy) ➤ UNICZ- Università degli studi Magna Graecia di Catanzaro (Italy) ➤ UNIMIB- Università degli studi di Milano Bicocca (Italy) ➤ JUMC- Jagiellonian University Medical College (Poland) ➤ VMWS- Virtual Medical World Solutions Ltd (United Kingdom) ➤ FORTHNET S. A.- Hellenic Telecommunications and Telematic Applications Company S. A. (Greece) ➤ SYNAP- Synapsis s.r.l. (Italy) ➤ CNR- Consiglio Nazionale delle Ricerche (Italy) ➤ FORTH-Foundation for Research and Technology Hellas (Greece) ➤ RBI- Rudjer Boskovic Institute (Croatia) ➤ AUXOL- Istituto Auxologico Italiano (Italy)



D47 – Report on raising public participation and awareness

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Short description
This document contains an overview of the activities that have been carried out during the HEARTFAID project by the consortium in order to increase public participation and awareness. In particular, a detailed description of the related activities performed by each partner, along the project life, is given.

Change record		
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Executive Summary

This document provides a description of the dissemination actions aimed to spread the knowledge “extracted” from the overall activities of HEARTFAID project and to take advantage from the collaboration with other organizations involved in similar research areas.

An **Introduction**, gives a brief overview of the deliverable and introduces the strategies applied by HEARTFAID consortium in raising public awareness and participation. The section named **Implemented Actions** details the actions accomplished during the project to increase public participation and awareness. The actions directed towards the scientific community and the general public have been separately analysed. After a list of **Participations in EC Events**, **Links With Other Projects** and **HEARTFAID Citations**, the **Future Plans** section presents the steps that will be taken in the future to raise public participation and awareness. The actions presented in this section are those that have been decided upon, but more actions may be organised.



1 Introduction

Activities related to raise public participation and awareness of the HEARTFAID consortium aim at spreading the knowledge and information related to the project results as widely as possible and to establish a close cooperation with end-users, scientific and professional communities.

In order to widely spread HEARTFAID knowledge, consortium has used individual efforts by all the partners with the provision of an uniform image of the consortium itself.

The second section of this document (Implemented Actions) describes the steps that have already been taken in order to improve public participation and awareness about HEARTFAID project. Moreover it consists of two main subsections related to the actions oriented to the scientific community and the actions oriented to the general public, respectively.

In the following sections we report other relevant activities that have already been made by the partners of consortium, such as participations in EC events, links with other projects and HEARTFAID citations.

The last section of the deliverable (Future Plans) describes the future actions that have been planned by the consortium for the near and far future, aimed at further increasing public participation and awareness.



2 Implemented Actions

This section of the deliverable focuses on the actions that have already been taken from the HEARTFAID consortium to increase public participation and awareness in the area. In particular a description of the actions oriented to the Scientific Community that have been made by each partner of the consortium is reported: events organised, publications in journals, participations and publication in conferences and workshops. Finally, the actions undertaken by HEARTFAID consortium and oriented to the general public are described.

2.1 Scientific Community

UNICAL Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
02/02/06 Lucerne (CH)	Concertation Workshop of IST projects	Conference	Coordinators of related EU projects. About 15 people	EU	UNICAL
02/02/06 Lucerne (CH)	Consultation Workshop on PHS	Conference	Research. About 50 people	EU	UNICAL
23- 24/02/06 Cosenza (IT)	Heartfaid Kick-Off Meeting	Press release (press/radio/ TV)	General public	Italy	UNICAL
23- 24/02/06 Cosenza (IT)	Heartfaid Kick-Off Meeting	Film/Video	General public	Italy	UNICAL
05/06 Rende (IT)	Establishment of the first version of Heartfaid Web Site	Project Web- site	General public	All over the World	UNICAL
07/06/06 The Hague (NL)	Int Council for Medical Care and Compunetics (ICMCC 2006)	Conference	Physicians, Medical Doctors, Computer Scientists, Expert in Health Care delivery. About 50 people.	All over the World	UNICAL
07/06/06	Contribution	Publication	General public	All over	UNICAL



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.		and research	the World	
29-30/06/06 Brussels (BE)	ICT for Biomedical Sciences 2006	Conference	Project coordinators. Professional related to EU projects. About 200 people.	All over the World	UNICAL
10-20/07/06 Erice (IT)	Int. Workshop "Mathematics and Medical Diagnosis"	Conference	Research	All over the World	UNICAL
Oct 06	Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300	Publication	General public and research	All over the World	UNICAL
Oct 06	Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).	Publication	General public and research	All over the World	UNICAL
15/01/07	Heart Failure 2007	Conference Abstract submission	Research	All over the World	UNICAL
<i>Dates and Place</i>	<i>Event</i>	<i>Type</i>	<i>Type and Size of Audience</i>	<i>Countries addressed</i>	<i>Partner responsible /involved</i>
12-13 Feb 2007	Int. Conf. on Personal Health	Meeting	About 8 people involved in FP6 EU e-	EU	UNICAL FORTH



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>Brussels Belgium</i>	<i>Systems - Internal Meeting with the ref. of MyHeart and ACGT</i>		<i>Health projects</i>		
<i>22-23-24 Oct. 2007 Rende (CS) Italy</i>	<i>“HEALTH CARE” module of the Master in Computational Science organized by NEC-CESIC</i>	<i>Lectures</i>	<i>About 20 students</i>	<i>Italy</i>	<i>UNICAL</i>
<i>13-15 Dec. 2007-03-19 Bari Italy</i>	<i>AITIM 2007 National Congress of the Italian Association of Medical Informatics</i>	<i>Conference</i>	<i>About 100 experts among medical informatics and medical doctors</i>	<i>EU</i>	<i>UNICAL</i>
<i>18-20 Dec. 2007 Bari Italy</i>	<i>4th Workshop on Semantic Web Applications and Perspectives (SWAP 2007)</i>	<i>Conference</i>	<i>About 140</i>	<i>EU</i>	<i>UNICAL CNR FORTH UNICZ</i>
<i>30 Jan 2008 Madeira Portugal</i>	<i>Int. Conference on Health Informatics HEALTHINF2 008 – Special Session on Knowledge Discovery and Decision Support Systems in Health Information Systems</i>	<i>Organiz. of the Event and Paper Presentation</i>	<i>About 30 experts in e-Health issues</i>	<i>EU</i>	<i>UNICAL FORTH CNR</i>
<i>14-17 July 2008 Las Vegas, USA</i>	<i>the 2008 International Conference on Semantic Web and Web Services</i>	<i>Oral Presentation</i>		<i>International</i>	<i>CNR, UNICAL, VMWS</i>
<i>14-17 Sept. 2008</i>	<i>35th annual Computers in Cardiology</i>	<i>International Conference</i>	<i>100 International medical &</i>	<i>International</i>	<i>CNR, UNICAL, UNICZ,</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>Bologn, Italy</i>	<i>Conference</i>		<i>technical audience</i>		<i>UNIMIB, JUMC, AUXOL, FORTH, RBI</i>
<i>14-17 Sept 2008 Bologna Italy</i>	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>International</i>	<i>CNR, UNICAL, UNICZ</i>

UNICZ Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>07/06/06</i>	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>UNICZ</i>
<i>Oct 06</i>	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>UNICZ</i>
<i>Oct 06</i>	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>	<i>Publication</i>	<i>General public and resarch</i>	<i>All over the World</i>	<i>UNICZ</i>
<i>15/01/07</i>	<i>Heart Failure</i>	<i>Conference</i>	<i>Research</i>	<i>All over</i>	<i>UNICZ</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	2007	Abstract submission		the World	
Jan 07	Health Care professional associations	Meeting Conference	Cardiologists, Internal Medical Doctors	Italy	UNICZ
<i>Dates and Place</i>	<i>Event</i>	<i>Type</i>	<i>Type and Size of Audience</i>	<i>Countries addressed</i>	<i>Partner responsible /involved</i>
April 19-21, 2007 Vibo Valentia (Italy)	Sicily and Calabria Congress of the Italian Society of Internal Medicine	Oral presentation	300-350 Specialized doctors (Cardiology, Internal Medicine, Geriatry) and General practitioners	Italy	UNICZ
April 15, 2007 Amantea (Italy)	Advanced School in Nursing Science, organized by the Italian Society of Cardiology	Oral presentation	100 Specialized Nurses	Italy	UNICZ
September 28-29, 2007 Crotona (Italy)	The Fourth Magna Graecia Meeting	Oral presentation	150-200 Specialized doctors (Cardiology, Internal Medicine, Geriatry)	Italy	UNICZ
October 20-23, 2007 Rome (Italy)	The National Congress of the Italian Society of Internal Medicine	paper	About one-thousand of Specialized doctors	Italy	UNICZ/all the consortium
December 15-18, 2007 Rome (Italy)	The National Congress of the Italian Society of Cardiology	paper	About three-thousands of Specialized doctors	Italy	UNICZ/all the consortium
December 18-20, 2007 Bari (Italy)	The 4th Semantic Web Workshop	Oral presentation /paper	About 140 informatics	Italian /International	CNR (responsible)/ UNICZ, UNICAL



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
January 28-31, 2008 Madeira (Portugal)	International Conference on Health Informatics	Oral presentation /paper		International	CNR (responsible)/ UNICZ, UNICAL, FORTH
14-17 Sept. 2008 Bologna, Italy	35th annual Computers in Cardiology Conference	International Conference	100 International medical & technical audience	International	CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI
14-17 Sept 2008 Bologna Italy	35th annual Computers in Cardiology Conference	International Conference	100 International medical & technical audience	International	CNR, UNICAL, UNICZ
October 25-28, 2008 Genova, Italy	The National Congress of the Italian Society of Internal Medicine (SIMI)	Poster presentation		Italy	UNICZ, UNICAL

UNIMIB Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
07/06/06	Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3 , pp. 108 – 125, IOSPress, Amsterdam, 2006.	Publication	General public and research	All over the World	UNIMIB
Oct 06	Contribution to: The	Publication	General public and research	All over the World	UNIMIB



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	<i>Journal of Information Technology in Health Care</i> 4(5)(2006) 283-300				
Oct 06	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>	<i>Publication</i>	<i>General public and resarch</i>	<i>All over the World</i>	<i>UNIMIB</i>
15/01/07	<i>Heart Failure 2007</i>	<i>Conference Abstract submission</i>	<i>Research</i>	<i>All over the World</i>	<i>UNIMIB</i>
14-17 Sept. 2008 Bologn, Italy	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>Internatio nal</i>	<i>CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI</i>

JUMC Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
27/03/06	<i>Polish Cardiac Society Meeting</i>	<i>Conference</i>	<i>Physicians, cardiologists, members of the Polish Cardiac Society. About 100 people</i>	<i>Poland</i>	<i>JUMC</i>
07/06/06	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>JUMC</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	3, pp. 108 – 125, IOS Press, Amsterdam, 2006.				
Oct 06	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>JUMC</i>
Oct 06	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>JUMC</i>
23/10/06	<i>Polish Cardiac Society Meeting</i>	<i>Conference</i>	<i>Cardiologists. About 200 people</i>	<i>Poland</i>	<i>JUMC</i>
15/01/07	<i>Heart Failure 2007</i>	<i>Conference Abstract submission</i>	<i>Research</i>	<i>All over the World</i>	<i>JUMC</i>
13.11.2008, Cracow, PL	<i>Meeting of Department's staff</i>	<i>Scientific event</i>	<i>Medical staff, about 20 persons</i>	<i>PL</i>	<i>JUMC</i>
09.01.2008, Cracow, PL	<i>Meeting of Cracow Division of Polish Hypertension Society</i>	<i>Scientific event</i>	<i>Physicians, about 100 persons</i>	<i>PL</i>	<i>JUMC</i>
14-17 Sept. 2008 Bologn, Italy	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>International</i>	<i>CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI</i>
13.02.2009	<i>Meeting of Department's staff and Cracow Division of Polish</i>	<i>Scientific event</i>	<i>Physicians, about 20 persons</i>	<i>Cracow, PL</i>	<i>JUMC</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	<i>Hypertension Society Scientific event</i>				

VMWS Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>07/06/06 The Hague (NL)</i>	<i>Int Council for Medical Care and Compunetics (ICMCC 2006)</i>	<i>Conference</i>	<i>Physicians, Medical Doctors, Computer Scientists, Expert in Health Care delivery. About 50 people.</i>	<i>All over the World</i>	<i>VMWS</i>
<i>07/06/06</i>	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>VMWS</i>
<i>Oct 06</i>	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>VMWS</i>
<i>Oct 06</i>	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>VMWS</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	(Greece).				
14-17 July 2008 Las Vegas, USA	<i>the 2008 International Conference on Semantic Web and Web Services</i>	<i>Oral Presentation</i>		<i>International</i>	<i>CNR, UNICAL, VMWS</i>
9-11 July 2008 London, UK	<i>The Leading International Event on ICT in Medicine and Care - the annual platform of the International Council on Medical and Care Compunetics</i>	<i>International Conference</i>		<i>International</i>	<i>VMWS</i>
14-17 July 2008 Las Vegas, Nevada, USA	<i>WORLDCOM P'08 - The 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing</i>	<i>Conference</i>	<i>over 2,000 computer science and Engineering researchers from 82 countries</i>	<i>All the world</i>	<i>VMWS</i>
16-19 October 2008, Fiuggi (IT)	<i>World Academy of Biomedical Sciences and Technologies, Best for Health, World WABT Forum, Fuggi, Italy</i>	<i>International Forum</i>	<i>General Purpose</i>	<i>International</i>	<i>VMWS</i>

FORTHNET Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
07/06/06 The Hague	<i>Int Council for Medical Care and</i>	<i>Conference</i>	<i>Physicians, Medical Doctors,</i>	<i>All over the World</i>	<i>FORTHNET</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
(NL)	<i>Compunetics (ICMCC 2006)</i>		<i>Computer Scientists, Expert in Health Care delivery. About 50 people.</i>		
07/06/06	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>FORTHNET</i>
Oct 06	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>FORTHNET</i>
Oct 06	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>	<i>Publication</i>	<i>General public and resarch</i>	<i>All over the World</i>	<i>FORTHNET</i>

SYNOPSIS Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
07/06/06 The Hague (NL)	<i>Int Council for Medical Care and Compunetics</i>	<i>Conference</i>	<i>Physicians, Medical Doctors, Computer</i>	<i>All over the World</i>	<i>SYNAP</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	(ICMCC 2006)		Scientists, Expert in Health Care delivery. About 50 people.		
07/06/06	Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.	Publication	General public and research	All over the World	SYNAP
Oct 06	Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300	Publication	General public and research	All over the World	SYNAP
Oct 06	Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).	Publication	General public and research	All over the World	SYNAP
Oct 06	Mednet 2006 11 th Conf on Internet in Medicine	Conference	General public and research	All over the Worlds	SYNAP

CNR Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
07/06/06	Int Council for	Conference	Physicians,	All over	CNR



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>The Hague (NL)</i>	<i>Medical Care and Compunetics (ICMCC 2006)</i>		<i>Medical Doctors, Computer Scientists, Expert in Health Care delivery. About 50 people.</i>	<i>the World</i>	
<i>07/06/06</i>	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>CNR</i>
<i>13/07/06</i>	<i>Mass Data Analysis of Image and Signal. Leipzig (Germany)</i>	<i>Conference</i>	<i>Computer scientists, Physicists, Mathematicians, Engineers. About 40 people</i>		
<i>Oct 06</i>	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>CNR</i>
<i>Oct 06</i>	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>CNR</i>
<i>Oct 06</i>	<i>Mednet 2006 11th Conf on Internet in Medicine</i>	<i>Conference</i>	<i>General public and research</i>	<i>All over the Worlds</i>	<i>CNR</i>
<i>18/11/06</i>	<i>3^o Steering Meeting (Pisa)</i>	<i>Press release (press/radio/ TV)</i>	<i>General public</i>	<i>Italy</i>	<i>CNR</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
20-23 August 2007 Ettlingen Germany	7th Open German-Russian Workshop on Pattern Recognition and Image Understanding	2 Oral presentations	200 participant among computer scientists, mathematicians, and engineers	International	CNR
17 September 2007 Milan, Italy	DSP Application Day, University of Milan, Department of Computer Science and Communication. Seminar on "Methods for image processing" featuring the description of the activity carried out within HEARTFAID Project as example	2-hours long seminar	~100 participants among computer science students and researchers	Italy	CNR
23-24 October 2007 Cosenza, Italy	"HEALTH CARE" module of the Master in Computational Science organized by NEC-CESIC. Seminar on "Biomedical image processing" featuring the description of the activity carried out within HEARTFAID Project as example	4-hours long seminar	~20 participants (students)	Italy	CNR
18 July 2007 Leipzig	International Conference of mass-data	Conference Organization	~70 participant among computer scientists,	International	CNR



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>Germany</i>	<i>analysis of images and signals in Medicine, Biotechnology and Chemistry MDA 2007</i>		<i>mathematicians, and engineers</i>		
<i>18-20 December 2007 Bari, Italy</i>	<i>4th Workshop on Semantic Web Applications and Perspectives (SWAP 2007)</i>	<i>Oral presentation</i>	<i>140 among computer scientists and information engineers</i>	<i>International</i>	<i>CNR – UNICZ- UNICAL</i>
<i>22-23 January 2008 Funchal, Madeira, Portugal</i>	<i>First Workshop on Image Mining. Theory and Applications. In conjunction with VISAPP2008</i>	<i>2 oral presentation</i>	<i>30 among computer scientists, mathematicians and information engineers</i>	<i>International</i>	<i>CNR</i>
<i>30 January 2008 Funchal, Madeira, Portugal</i>	<i>Int. Conference on Health Informatics HEALTHINF2008 – Special Session on Knowledge Discovery and Decision Support Systems in Health Information Systems</i>	<i>Paper Presentation + Organization</i>	<i>30 among computer scientists, mathematicians, physicians and information engineers</i>	<i>International</i>	<i>CNR - FORTH- UNICZ- UNICAL</i>
<i>14 July 2008 Leipzig, Germany</i>	<i>Int. Conf. on Mass-Data Analysis of Images and Signals in Medicine, Biotechnology, Chemistry and Food Industry</i>	<i>Oral presentation</i>	<i>35 international Computer Scientists</i>	<i>International</i>	<i>CNR, FORTH</i>
<i>16-18 July 2008 Leipzig, Germany</i>	<i>8th Industrial Conference on Data Mining ICDM'2008</i>	<i>Oral Presentation</i>	<i>100 International Computer Scientists</i>	<i>International</i>	<i>CNR</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
14-17 July 2008 Las Vegas, USA	<i>the 2008 International Conference on Semantic Web and Web Services</i>	<i>Oral Presentation</i>		<i>International</i>	<i>CNR, UNICAL, VMWS</i>
14-17 Sept. 2008 Bologn, Italy	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>International</i>	<i>CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI</i>
14-17 Sept 2008 Bologna Italy	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>International</i>	<i>CNR, UNICAL, UNICZ</i>
November 18-20, 2008 NATO-NURC La Spezia, Italy	<i>Geospatial Data in the Operational Decision Making Process</i>	<i>Presentation</i>	<i>30 among Computer Scientists and Engineers from US, Italy, UK</i>	<i>International</i>	<i>CNR</i>
16 December 2008 Genova, Italy	<i>Workshop: Multimodal and Multidimensional Content and Media – CNR ICT Department Project</i>	<i>Seminar</i>	<i>80 industrial and academic audience</i>		<i>CNR</i>
January 14, 2009 University of Central Lancashire, Preston, UK	<i>Engineering and Computational Science for Oncology Network (ECSON) Seminars</i>	<i>Seminar</i>	<i>20 among Computer Scientists and Mathematicians</i>	<i>International</i>	<i>CNR</i>
5-8 February 2009 Lisboa, Portugal	<i>Second Workshop on Image Mining. Theory and Applications; within Int. conf. on</i>	<i>Paper Presentation</i>	<i>About 100 participants</i>	<i>International</i>	<i>CNR</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	<i>Computer Vision: Theory and Application</i>				

FORTH Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
07/06/06 The Hague (NL)	<i>Int Council for Medical Care and Compunetics (ICMCC 2006)</i>	<i>Conference</i>	<i>Physicians, Medical Doctors, Computer Scientists, Expert in Health Care delivery. About 50 people.</i>	<i>All over the World</i>	<i>FORTH</i>
07/06/06	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>FORTH</i>
Sept 06	<i>Computers in Cardiology. Valencia (Spain)</i>	<i>Conference</i>	<i>Physicians, Physicists, Computer Scientists</i>	<i>All over the World</i>	<i>FORTH</i>
Oct 06	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>FORTH</i>
Oct 06	<i>Contribution to: IEEE EMBS Int. Special Topic</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>FORTH</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	<i>Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>				
<i>Oct 06</i>	<i>Meeting in Bioinformatics and Medical Informatics. Academy of Athens, Foundation for Biomedical Research</i>	<i>Conference</i>	<i>Research</i>	<i>Greece</i>	<i>FORTH</i>
<i>Dec 06</i>	<i>Contribution to: IEEE Trans. On Biomedical Engineering</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>FORTH</i>
<i>Dates and Place</i>	<i>Event</i>	<i>Type</i>	<i>Type and Size of Audience</i>	<i>Countries addressed</i>	<i>Partner responsible /involved</i>
<i>12-13 Feb. 2007</i>	<i>Int. Conf. on Personal Health Systems Internal Meeting with the ref. of MyHeart and ACGT</i>	<i>Oral Presentation</i>	<i>Members of FP6 e-Health projects About 8 participants</i>	<i>EU</i>	<i>FORTH UNICAL</i>
<i>20-22 June 2007</i>	<i>pHealth 2007</i>	<i>Invited presentation</i>	<i>50 participants</i>	<i>EU</i>	<i>FORTH</i>
<i>30 Sep. - 3 Oct. 2007</i>	<i>Computers in Cardiology 2007</i>	<i>Oral Presentations</i>	<i>300 participants (engineers, computer scientists and cardiologists)</i>	<i>World Wide</i>	<i>FORTH</i>
<i>30 January 2008</i>	<i>Int. Conference on Health Informatics HEALTHINF2 008 – Special Session on Knowledge Discovery and Decision</i>	<i>Organiz. of the Event and Paper Presentation</i>	<i>About 30 experts in e-Health issues</i>	<i>EU</i>	<i>UNICAL FORTH CNR</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	<i>Support Systems in Health Information Systems</i>				
14 July 2008 Leipzig, Germany	<i>Int. Conf. on Mass-Data Analysis of Images and Signals in Medicine, Biotechnology, Chemistry and Food Industry</i>	<i>Oral presentation</i>	<i>35 international Computer Scientists</i>	<i>International</i>	<i>CNR, FORTH</i>
14-17 Sept. 2008 Bologna, Italy	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>International</i>	<i>CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI</i>

RBI Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
07/06/06 The Hague (NL)	<i>Int Council for Medical Care and Compunetics (ICMCC 2006)</i>	<i>Conference</i>	<i>Physicians, Medical Doctors, Computer Scientists, Expert in Health Care delivery. About 50 people.</i>	<i>All over the World</i>	<i>RBI</i>
07/06/06	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress,</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>RBI</i>



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	Amsterdam, 2006.				
Oct 06	Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300	Publication	General public and research	All over the World	RBI
Oct 06	Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).	Publication	General public and research	All over the World	RBI
Oct 06	Marie Curie Workshop Zagreb & Belgrade Celebrating Nikola Tesla	Research	Researchers and students from technical domains and natural science domains. About 100 people	Croatia and Serbia	RBI
Jan 07	PAKDD 2007 Abstract submission	Conference		All over the World	RBI
Jan 07	PAKDD 2007 Abstract submission	Conference		All over the World	RBI
<i>Dates and Place</i>	<i>Event</i>	<i>Type</i>	<i>Type and Size of Audience</i>	<i>Countries addressed</i>	<i>Partner responsible /involved</i>
21.-25. May 2007. Opatija Croatia	MIPRO - International Convention 2007	conference	conference participants, mainly computer scientist, 150 participants	mainly Croatia	RBI
8-10 June 2007. Nanjin, China	PAKDD 2007, 11th Pacific-Asia Conference on Knowledge Discovery and Data Mining	conference	conference participants, mainly computer scientist, 350 participants	Pacific Rim	JSI + RBI
25.-28.	ITI 2007, 29th	conference	conference	Croatia	RBI



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
June 2007. Cavtat, Croatia	International Conference Information Technology Interfaces		participants, mainly computer scientist, 200 participants	and Slovenia	
26.-30. June 2007. Ljubljana, Slovenia	MEDICON 2007, 11th Mediterranean Conference on Medical and Biological Engineering and Computing	conference	conference participants, mainly technical scientist, 250 participants	Slovenia and Mediterranean region	JSI + RBI
07.-11. July 2007 Amsterdam, The Netherlands	11th Conference on Artificial Intelligence in Medicine AIME2007	conference	conference participants, mainly computer scientist, 100 participants	Europe + partially USA	RBI
20.-28. August 2007 Leuven, Belgium	ACAI 2007 Logic for Artificial Intelligence	summer school	PhD students in computer science participating the summer school, 50 participants	Europe	RBI
3. Aug. 2007. Zagreb, Croatia	Croatian Cardiology Society	message to the official web site	Croatian cardiologist, 150 members of the society	Croatia	RBI + dr. Krstačić
4. Oct. 2007. Stanford, USA	-	request for sharing the results	scientists from Stanford University	USA	RBI
28. Jan. 2008. Vienna, Austria	Lecture at Ludwig Boltzmann Institute for Traumatology	invited talk	medical doctors, 30 participants	Austria	RBI
30. Jan. 2008. Funchal Portugal	HealthInf 2008	conference	conference participants, mainly computer scientist, 20 participants	Europe	RBI
26.-27. March 2008. Bohinj/Slovenia	Fifth international workshop on knowledge technologies	invited presentation	35 computer scientists from Slovenia and Croatia	Slovenia/Croatia	RBI



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
25.-28. May 2008. Goeteborg Sweden	Conference Medical Informatics in Europe (MIE 2008)	oral presentation at the conference	200 scientists mainly from Europe	Europe	RBI
23.-26. June 2008. Cavtat/ Dubrovnik Croatia	International Conference on Information Technology Interfaces	oral presentation at the conference	150 scientists mainly from Croatia and Slovenia	Croatia and Slovenia	RBI
14.-17. September 2008. Bologna Italy	Conference Computers in Cardiology	Poster presentation	About 200 conference participants	All the World	RBI+dr. Goran Krstacic
17.-19. October 2008. Porec, Croatia	Workshop on Knowledge Discovery Applications	Organization and oral presentation	28 Croatian scientists in the field of artificial intelligence	Croatia	RBI
14-17 Sept. 2008 Bologna, Italy	35th annual Computers in Cardiology Conference	International Conference	100 International medical & technical audience	International	CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI
15.-19. December 2008. Hanoi, Vietnam	Tenth Pacific Rim International Conference on Artificial Intelligence	Oral presentation	computer scientists mainly from Asia, USA, and Australia, 300 participants	International	RBI
24. December 2008. Ho Chi Minh City, Vietnam	Presentation at Faculty of Computer Science of Ho Chi Minh City University of Technology	Invited talk	professors and computer science students, 25 persons	International	RBI
5. February 2009. Zagreb, Croatia	Professional meeting at Clinic of Cardiovascular Diseases, Clinical Medical	Invited talk	30 medical doctors working in the hospital	Croatia	RBI



Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
	<i>Centre Rebro</i>				
<i>2.-4. March 2009. Bohinj, Slovenia</i>	<i>Sixth International Ljubljana-Zagreb Workshop on Knowledge Technologies</i>	<i>Oral presentation</i>	<i>50 scientists in computer science mainly from Slovenia</i>	<i>Slovenia</i>	<i>RBI</i>
<i>3. April 2009. Zagreb, Croatia</i>	<i>RBI seminar</i>	<i>Oral presentation</i>	<i>20 scientists mainly from RBI</i>	<i>Croatia</i>	<i>RBI</i>

AUXOL Overview Table

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
<i>07/06/06 The Hague (NL)</i>	<i>Int Council for Medical Care and Compunetics (ICMCC 2006)</i>	<i>Conference</i>	<i>Physicians, Medical Doctors, Computer Scientists, Expert in Health Care delivery. About 50 people.</i>	<i>All over the World</i>	<i>AUXOL</i>
<i>07/06/06</i>	<i>Contribution to: L. Bos, L. Roa, K. Yogesan, B. O'Connell, A. Marsh, B. Blobel, eds., Medical and Care Compunetics 3, pp. 108 – 125, IOSPress, Amsterdam, 2006.</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>AUXOL</i>
<i>Oct 06</i>	<i>Contribution to: The Journal of Information Technology in Health Care 4(5)(2006) 283-300</i>	<i>Publication</i>	<i>General public and research</i>	<i>All over the World</i>	<i>AUXOL</i>



Oct 06	<i>Contribution to: IEEE EMBS Int. Special Topic Conf. on Information Technology in Biomedicine, Ioannina (Greece).</i>	<i>Publication</i>	<i>General public and resarch</i>	<i>All over the World</i>	<i>AUXOL</i>
14-17 Sept. 2008 Bologn, Italy	<i>35th annual Computers in Cardiology Conference</i>	<i>International Conference</i>	<i>100 International medical & technical audience</i>	<i>Internatio nal</i>	<i>CNR, UNICAL, UNICZ, UNIMIB, JUMC, AUXOL, FORTH, RBI</i>

2.2 General Public

Raising public participation and awareness is a strategic activity of the whole project, which has involved all the partners. In order to create a wider project awareness impact, the main objectives of raising public participation and awareness are the effective involvement of all relevant intermediaries, actors and stakeholders, with particular attention to European regional governmental bodies, health care professional associations, patient associations and Higher Education institutions.

With the contribution of all the partners, an inner circle of User Interest Groups made of healthcare organizations and institutions from the 5 countries of the consortium has been established. In the different countries, a larger circle of a User Interest Group is also going to be established, to publicise by seminars in each country the project to a wider audience of healthcare institutions. The involvement and interaction with end-users health care organizations will encourage further experimentation and clinical validation of the developed systems, services and tools.

Strong interactions have been established also with the interested intermediary organisations (European regional governmental bodies, healthcare professional associations and patient associations), by holding, in cooperation, seminars and workshops.

Particular attention has been devoted to the interaction with European higher education institutions (i.e. Universities and Colleges), with the end to disseminate the innovative results of HEARTFAID to young student at several grade levels (bachelor, master and PhD).

Especially at the launch of the project, but also during its run, particular attention has been paid to the issue of press releases, in order to give wide public resonance to the overall project's activities.

Finally, a public available website has been created for disseminating project results, publications and public deliverables. The website is the major



dissemination mean at the current point towards the general public. The website presents the objectives of HEARTFAID, a brief summary of the project, the work packages organization and a comprehensive contact details list of all partners involved in the project.

3 Participation in EC Events

In this section of the documents, we highlight all the HEARTFAID partners participations in EC events.

Dates and Place	Event	Type	Type and Size of Audience	Countries addressed	Partner responsible /involved
02/02/06 Lucerne (CH)	Concertation Workshop of IST projects	Conference	Coordinators of related EU projects. About 15 people	EU	UNICAL
02/02/06 Lucerne (CH)	Consultation Workshop on PHS	Conference	Research. About 50 people	EU	UNICAL
12-13 Feb 2007 Brussels Belgium	Int. Conf. on Personal Health Systems - Internal Meeting with the ref. of MyHeart and ACGT	Meeting	About 8 people involved in FP6 EU e- Health projects	EU	UNICAL FORTH
20-22 June 2007	pHealth 2007	Invited presentation	50 participants	EU	FORTH
30 Jan 2008 Madeira Portugal	Int. Conference on Health Informatics HEALTHINF2 008 – Special Session on Knowledge Discovery and Decision Support Systems in Health Information Systems	Organiz. of the Event and Paper Presentation	About 30 experts in e- Health issues	EU	UNICAL FORTH CNR



4 Links with other Projects

This section identifies current and potential future horizontal activities of the HEARTFAID project. This includes joint work with other projects as well as further co-operations and exchange activities. Moreover, the participation to concertation and clustering activities organized by EU Commission has been taken into account.

From the beginning of the project, it became obvious that there are many projects and initiatives with which a co-operation should in principle be possible. HEARTFAID is generally open to all these co-operation activities. However, mainly because of resource issues, each co-operation opportunity needs to be evaluated carefully, considering resource requirements, mutual benefits and synergies, and time lines of the different activities.

The HEARTFAID partners have agreed on a process within the consortium to handle these co-operation activities. The key points are:

- A free exchange of overview information with any other activity that shows interest in HEARTFAID (or, with activities to which HEARTFAID partners would like to set-up a contact).
- In case that there is mutual interest and certain activities or potential working areas are defined, the consortium will agree on whether HEARTFAID shall engage in this co-operation.
- If the consortium supports such an activity, a responsible contact person (“liaison officer”) will be appointed, representing HEARTFAID and acting as key interface to the other project.
- The definition of co-operation details, including topic areas and formal steps that might be required, will be defined on a case-by-case basis.

During the first reporting period, some potential links to other European projects have been identified. In fact, very interesting relationships have been established with the following FP6 projects:

- **MYHEART** (IST-2002-507816): MyHeart mission is to empower citizens to fight cardio-vascular diseases by preventive life style and early diagnosis. This is achieved by a continuous monitoring of the vital signs of the individual. The approach is therefore to integrate system solutions into functional clothes with integrated textile sensors.
- **ACGT** (IST-2004-026996): the project is developing a biomedical GRID infrastructure supporting seamless mediation services for sharing clinical and genomic expertise for diagnosis and treatment of cancer. The development of a knowledge GRID infrastructure for the distributed mining and knowledge extraction from data repository is one of the key issue of the project.
- **@neurIST** is an integrated project aiming at developing integrative decision support systems based on multi-scale computational suites for personalised brain aneurysm rupture risk assessment and treatment.



The overall activities of HEARTFAID project could take into account, extend and integrate, in a suitable way, the results of the above mentioned projects. Furthermore, during the first year of activities, HEARTFAID participated to all the relevant concertation and clustering activities organized by the EC. Moreover, particular attention has been devoted to the participation to IST events (conference, workshop, exhibition) held during the 2006.

A very important clustering event has been organized during the second reporting period. In fact, exploiting the opportunity offered by the International Conference “Healthinf 2008” (held in Madeira – Portugal – on 28-31 January 2008), a Special Session has been organized about “Knowledge Discovery and Decision Support Systems in Health Information Systems”.

The main aim of the Special Session has been to present, analyze and discuss new research trends about the devising and development of advanced approaches for medical ontologies and medical knowledge discovery, representation and management and how these issues can impact on the architectural organization and development of effective and efficient Clinical Decision Support Systems. These topics has been deeply discussed and assessed through the current activities of EU FP6 projects, strongly involved in the development and application of the mentioned technologies and methodologies within several clinical domains, namely **HEARTFAID**, **ACGT**, **MyHEART** and **@neurIST**.

All the above projects are working on the design and development of new and more efficient approaches for heterogeneous biomedical data acquisition and integration, for the development of effective medical knowledge bases and the implementation of inference engines in order to realize reliable and useful Clinical Decision Support Systems within the Cardiovascular and Oncology domains.

Chairs

Domenico Conforti, Università della Calabria, Italy, HEARTFAID Coordinator.

Joël Bacquet, European Commission, Information Society & Media DG, ICT for Health Unit, Belgium.

Keywords

Decision Support Systems, Medical Ontologies, Medical Knowledge Discovery, Medical Knowledge Representation, Medical Knowledge Management.

Programme of the Special Session

✚ *INITIAL RESULTS ON KNOWLEDGE DISCOVERY AND DECISION SUPPORT FOR INTRACRANIAL ANEURYSMS*

Christoph M. Friedrich, Martin Hofmann-Apitius, Robert Dunlop, Ioannis Chronakis, Miriam C. J. M. Sturkenboom, Roelof Risselada, Baldo Oliva and Ferran Sanz

✚ *MY-HEART PROJECT: ANALYSIS OF SLEEP AND STRESS PROFILES FROM BIOMEDICAL SIGNAL*

Sergio Cerutti, Anna M. Bianchi and Martin O. Mendez



- ✚ *A SEMANTIC GRID SERVICES ARCHITECTURE IN SUPPORT OF EFFICIENT KNOWLEDGE DISCOVERY FROM MULTILEVEL CLINICAL AND GENOMIC DATASETS*
Manolis Tsiknakis, Stelios Sfakianakis, Stefan Rueping, Oswaldo Trelles, Thierry Siestang, Brecht Claerhout and Vasiilis Virvilis
- ✚ *DECISION SUPPORT AND IMAGE & SIGNAL ANALYSIS IN HEART FAILURE - A Comprehensive Use Case*
Sara Colantonio, Massimo Martinelli, Davide Moroni, Ovidio Salvetti, Francesco Perticone, Angela Sciacqua, Franco Chiarugi, Domenico Conforti, Antonio Gualtieri and Vincenzo Lagani
- ✚ *MYHEART - Fighting Cardio-vascular Diseases by Prevention and Early Diagnosis*
Ralf Schmidt, Jörg Habetha and Matthew Harris
- ✚ *ONTOLOGY BASED INTEGRATION OF DISTRIBUTED AND HETEROGENEOUS DATA SOURCES IN ACGT*
Luis Martín, Alberto Anguita, Víctor Maojo, Erwin Bonsma, Anca Bucur, Jeroen Vrijnsen, Mathias Brochhausen, Christian Cocos, Holger Stenzhorn, Manolis Tsiknakis, Martin Doerr and Haridimos Kondylakis
- ✚ *MEDICAL KNOWLEDGE REPRESENTATION WITHIN HEARTFAID PLATFORM*
Dragan Gamberger, Marin Prcela, Alan Jovic, Tomislav Šmuc, Ganfranco Parati, Mariaconsuelo Valentini, Kalina Kawecka-Jaszcz, Katarzyna Styczkiewicz, Andrzej Kononowicz, Antonio Candelieri, Domenico Conforti and Rosita Guido.

5 HEARTFAID Citations

The most relevant HEARTFAID citation is related to EU FP7 project *HeartCycle* (www.heartcycle.eu). “In the scope of HeartCycle, ontologies are particularly useful in order to construct a terminology and controlled vocabulary in the service-oriented architecture [...]. In this regard, domain knowledge on HF and CHD may be also employed, the level of which is going to be determined as the project evolves. Towards this aim, the potential of using existing relevant domain ontologies constructed in other research projects such as **HeartFaid** and PIPS are currently investigated.” (from HeartCycle Publishable Deliverable 4.B, page 77).

Moreover, “In particular, the **HeartFaid ontology** encapsulates a detailed taxonomic overview of the HF domain including relevant relations among concepts (i.e. descriptive knowledge about the domain), description of actions, typically in the form of suggestions for patients and medical personnel (i.e. procedural knowledge), resulting in a descriptive and procedural knowledge base for HF.”, and finally, “We are looking forward for a fruitful cooperation with **HeartFaid**.” (from HeartCycle Publishable Deliverable 4.B, page 86).



6 Future Plans

As far as the future plans are concerned, HEARTFAID Consortium has strong interests and motivations for further improving the wide awareness of the project results.

In particular, further interactions with all the relevant intermediaries, actors and stakeholders will be pursued.

More specifically:

- ❖ European Regional Governmental Bodies of:
 - Italy, Regional Health Care Systems of:
 - Calabria
 - Lombardia
 - Toscana
 - Poland
 - Greece
 - Croatia
 - UK

- ❖ Health Care Professional Associations:
 - European Society of Cardiology
 - Heart Failure Association
 - Italy:
 - Italian Society of Cardiology (SIC)
 - Italian Society of Hospital Cardiologists (ANMCO)
 - Italian Society of Internal Medicine (SIMI)
 - Italian Society of Gerontology and Geriatric (SIGG)
 - National Societies of Cardiology of:
 - Poland
 - Greece
 - Croatia
 - UK
 - National Societies of General Practitioners
 - European Medical Association (EMA)
 - National Associations of Cardiovascular Nursing

- ❖ Cardiovascular Patient Associations
 - Italy: “CONACUORE” Association
 - UK: “British Cardiac Patients Association”

