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EUROpean treatment & Reduction of Acute Coronary Syndromes cost analysis

The EUROTRACS Project

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The EUROTRACS Project

Main beneficiary



ConSORCI Mar Parc de Salut de Barcelona (IMIM-PSMAR). *Spain*

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Hellenic College of Cardiology



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Department of Epidemiology, Health Authority Roma E



Faculdade de Medicina da Universidade do Porto (FMUP), *Portugal*
University of Porto Medical School



Helmholtz Zentrum München - Deutsches Forschungszentrum für Gesundheit und Umwelt (HMGU), *Germany*
Helmholtz Center Munich - German Research Center for Environmental Health



Per la Ricerca Scientifica
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Research and Prevention on Cardiovascular Diseases – The Toulouse MONICA Project



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LIST OF CONTENTS

INTRODUCTION	1
1) EXPLOITATION AND DISSEMINATION OF THE RESULTS	3
A) DISSEMINATION OF THE RESULTS	3
1. Directed to citizens:	3
2. Directed to health policy makers and hospital and healthcare managers:.....	3
3. Directed to scientists, and clinical practitioners:	3
3.1 Scientific papers.....	4
3.2 Conferences and workshops.....	4
B) POLICY RELATED BENEFITS	4
2) GENERAL – MAIN BENEFICIARY	6
3) PARTNERS’ SPECIFIC CONTRIBUTIONS	9
ASSOCIATED BENEFICIARIES	9
<i>Hellenic College of Cardiology, Greece</i>	9
<i>Department of Epidemiology, Health Authority Roma E (DEASL), Italy</i>	9
<i>University of Porto Medical School (FMUP), Portugal</i>	9
<i>Helmholtz Center Munich - German Research Center for Environmental Health (HMGU),</i> <i>Germany</i>	10
<i>Health Science Foundation Onlus (ESREFO), Italy</i>	10
<i>Research and Prevention on Cardiovascular Diseases – The Toulouse MONICA Project</i> <i>(AEPMCV), France</i>	10
<i>National Institute of Health in Italy (ISS), Italy</i>	11
<i>European Hospital and Healthcare Federation (HOPE), Belgium</i>	12
<i>CINECA Consortium of Universities</i>	12

INTRODUCTION

Despite significant reductions observed in most EU countries in the last three decades, coronary artery disease (CAD) remains one of the most common cause of death in Europe, accounting for 76.5 deaths per 100 000 inhabitants across the EU-27 in 2010. The Council of Ministers of the European Union has emphasized, during the 2586th Council Meeting on Employment, Social Policy, Health and Consumer Affairs held in Luxembourg on 1–2 June 2004, that cardiovascular disease is the “*largest cause of sickness and morbidity*”, and is a “*major cause of death and premature death*” and “*of reduced quality of life*” for the citizens of the European Union.

CAD costs over €49 billion to the EU yearly, including direct health costs (€24 billion), productivity losses (€17 billion) and informal care (€9 billion). These figures send the message of how much could be saved in years of life and resources if CAD incidence and mortality could be diminished in Europe. To transform this message into action and allow a more rational allocation of health resources in European countries, cost-effectiveness analysis of population interventions aimed at lowering risk factors of CAD, and of hospital CAD procedures, becomes a health priority.

EUROTRACS (EUROpean Treatment Reduction of Acute Coronary Syndromes cost analysis) is a project funded by the European Commission ("Executive Agency for Health and Consumers") under the Second Programme of Community Action in the Field of Public Health (2008–2013), the main instrument the European Commission uses to implement the EU Health Strategy. The Second Programme of Community Action in the Field of Public Health (2008–2013) came into force on 1 January 2008 and followed the first Programme of Community action in the field of public health (2003-2008). It is intended to complement, support and add value to the policies of the Member States and contribute to increase solidarity and prosperity in the European Union by protecting and promoting human health and safety and by improving public health.

The programme has the following three overarching objectives:

1. improve citizens' health security, promoting actions related to patient safety through high quality and safe healthcare, scientific advice and risk assessment, safety and quality of organs, substances of human origin and blood
2. promote health and reduce health inequalities, increasing healthy life years and promoting healthy ageing
3. generate and disseminate health information and knowledge, exchanging knowledge and best practice on health issues

EUROTRACS acts in the priority area relevant to the actions under the second objective “Promote health”, the specific Action being “prevention of major and rare diseases” and the sub-Action “Preventing chronic diseases – Examine the cost-effectiveness of integrated approaches to chronic disease prevention with a particular focus on diabetes, cardiovascular diseases or respiratory diseases”.

Coronary heart disease is very frequent in EU and is the origin of many admissions, patient management and procedure use.

EUROTRACS will develop an interactive Internet-based model predictive of the 10-year CAD event incidence obtained by modifying the population prevalence of the selected risk factors (smoking, hypertension, dyslipidemia) and estimate the Quality-Adjusted Life Year (QALY) gained by decreasing CAD incidence at 10-years with selected interventions. In addition the optimal percutaneous intervention use rate will also be determined in CAD patients > 64 years old.

Health contributes to the quality of life and well-being, and human health is fundamental to sustainable development. Thus, the objectives of the EUROTRACS project are fully in line with the objectives of the Second Programme of Community Action in the Field of Public Health

(2008–2013) and with the strategy for sustainable development formulated by the European Union and renewed by the European Council in June 2006. In fact, EUROTRACS results will allow policy makers to design national and international public health actions aimed at decreasing CAD morbidity and mortality in the most cost-efficient manner and increasing European citizens' quality of life and healthy longevity.

Defining a policy about the dissemination of health knowledge is mandatory within this context. Exchanging knowledge and best practices in the development and validation of specific tools, supporting policy makers in defining actions supporting the decrease of CAD morbidity and mortality, and sharing the results with different audience groups such as hospitals, Public Health Divisions, general population becomes a key issue for EUROTRACS success.

The website (www.eurotracs-project.eu) will be the main tool for the dissemination during the project development. It will provide information about the involved partners and about the project. Information about events of interest involving EUROTRACS will be provided by means of specific "News" published in the website.

The results of the project will be spread, at the end of the project, within the scientific community by means of dedicated publications in high indexed scientific peer reviewed journals and presentations in international congresses. Then, the specific functions developed within EUROTRACS will be available for the public, simulating different scenarios as a result of specific actions aimed at reducing CAD morbidity and mortality (reducing smoking, cholesterol, hypertension) and the related benefits in term of reduction of costs.

However, the dissemination strategy will go beyond setting up a website, publishing in peer reviewed journal and participating in conferences. The existence of the opportunity for all the interested stakeholders to use the developed functions and to know the possible related benefits in term of costs will be made known to the academia, policy makers, public health institutions, other European projects and international organisations such as the WHO and the OECD. The dissemination network of each participant in the consortium, the cooperation set up with other projects, the EU public health portal, and all the addressees suggested by CHAFEA will be useful channels to implement this activity. The dissemination strategy will be planned by also considering the collection of feedback (comments, suggestions) received from the addressees.

This document describes how EUROTRACS has been disseminating the project objectives and will disseminate the obtained results. The dissemination plan will be updated according to all the new input that will be provided during the project.

The dissemination plan is organized in three sections related to:

1. the dissemination policy approved by the consortium
2. some proposals for the dissemination of the results in a general context
3. specific actions to be undertaken by all the partners to disseminate the results in their countries.

1) EXPLOITATION AND DISSEMINATION OF THE RESULTS

This document was prepared by the EUROTRACS working group on dissemination (partners: ISS - coordinator of the working group -, HOPE, CINECA), supervised by the project coordinator. The first revision (rev0) was discussed during the first annual meeting held in Athens on 5-6 June 2014, approved by the consortium during the webex conference of the 10 July 2014 and submitted to the Commission on 29 July 2014. A new release (rev1), summarizing the strategies for the dissemination of the results achieved by the project and the policy-related benefits, including an extended description of the activities that would be implemented by the Main Beneficiaries and the specific contributions sent by every Associated Beneficiary, was sent to the Commission on 26 February 2015, according to the milestones stated in the Grant Agreement. The present revision (rev2) include the most recent updating from some partners.

A) Dissemination of the results

Dissemination strategies are divided in several general categories according to the targeted people.

1. Directed to citizens:

The project's aims and results will be disseminated to European and international citizens as well as communication media using informative leaflets, dissemination manuscripts and electronic media .

The following items are and will be distributed to European and international citizens:

- A leaflet explaining the project is already available since October 2013 in all the languages of the countries of the Associated beneficiaries participating in the EUROTRACS consortium and downloadable from the website www.eurotracs-project.eu;
- Project characteristics on website (on-going since October 2013);
- Specific dedicated news to inform the public about the publication of scientific manuscripts directed to targeted citizens;
- All the practical results on website;
- Short summaries of the deliverables in lay language for the website;
- Laymen's version of the final report;
- Final dissemination leaflet explaining the project's results.

2. Directed to health policy makers and hospital and healthcare managers:

Technical reports related to CAD incidence reduction and the related cost analysis, dedicated access for using the functions simulating specific scenarios will be made available for policy makers and hospital managers on demand.

3. Directed to scientists, and clinical practitioners:

Results will be communicated within the scientific community through the publication of scientific papers, participation in conferences and in workshops.

3.1 Scientific papers

During the first annual meeting, held in Athens on the 5th and 6th June, 2014, the EUROTRACS working group defined a first provisional list of possible publications. They were confirmed during the Final workshop, held in Barcelona on the 7th and 8th May, 2015, and are listed here below, for each the leader is reported in brackets:

1. Projections of CAD incidence in participant countries (J Marrugat, PSMAR)
2. Differences in prognosis and management of elderly ACS patients in Europe (I Roman, PSMAR)
3. Time to PCI. In-hospital mortality (F Mataloni, DEASL)
4. Cost Analysis of changing CHD 10 year incidence and population risk factor reduction (M Brosa, OBLIKUE)
5. Cost analysis of optimizing management of elderly patients during ACS acute phase (Max Brosa, OBLIKUE).

Other publications might be proposed to the coordinator also after the end of the project activities.

As agreed by the EUROTRACS consortium, all the scientific partners, that have cooperated and have been actively involved in the specific study, will appear as authors in these papers according to the ICMJE rules. In any case, the list of authors will end with "for the EUROTRACS Study group and Investigators" and all the names of the EUROTRACS study group and investigators will be listed in a specific Appendix.

Technical reports (deliverables) will be made available on the website as soon as the scientific results are published in high ranked peer review scientific journals.

3.2 Conferences and workshops

Partners participation to present EUROTRACS in conferences and workshops will be announced by means of specific news on the website.

The list of the conferences and workshops with all the related details will be included in a dedicated webpage included in the dissemination section.

B) Policy related benefits

EUROTRACS aims to identify both the most cost-effective population intervention/s to prevent coronary artery disease (CAD) by modifying classical risk factor prevalence in European countries and the most cost-effective in-hospital procedures to treat ACS in terms of QALY reduction.

In order to identify the population interventions, a set of models to analyse CAD events and costs in a 10-year period will be developed and made available online for interactive estimations. The availability of such an application will allow policy makers to design national and international public health actions aimed at decreasing CAD morbidity and mortality in the most cost-efficient manner. Those public health actions will finally increase Europeans' quality of life and longevity. In addition, obtaining 10-year estimates of CAD mortality and CAD-associated costs will allow a more rational allocation of health resources in European countries. In order to determine if there is a difference in cost-effectiveness of interventions by sex, analyses will be performed separately for women and men; these findings are essential to design the most efficient population interventions.

Moreover, the identification of the most cost-effective in-hospital procedures to treat ACS in terms of QALY reduction will ultimately cause a decrease in ACS associated costs and an improvement of ACS patients' quality of life in European countries. Furthermore, identification of the ACS procedures associated with the minimum in-hospital mortality and best ejection fraction at discharge is an urgent requirement to update current guidelines, especially regarding the elderly. Due to insufficient clinical data, European guidelines offer only limited information

on treatment and management of elderly ACS patients. The EUROTRACS results, based on almost 100,000 European ACS cases and appropriate cost-effectiveness analysis, will provide the evidence to fill this gap.

The Amsterdam Treaty was signed on 2 October 1997. Article 153 (ex article 129A) states that *“In order to promote the interests of consumers and to ensure a high level of consumer protection, the Community shall contribute to protecting the health, safety and economic interests of consumers as well as to promoting their right to information, education and to organise themselves to safeguard their interests”* and that *“Consumer protection requirements shall be taken into account in defining and implementing other Community policies and actions”*. The Council Resolution of June 28, 1999 on Consumer Policy 1999 to 2001 (199/C 206/01) underlines the aim of the Community in *“protecting the health, safety and economic interest of consumers and their right to information”*. The Health and Consumer Protection EU Policy paper underlines (point 2 – Protection of economic interest) the aims of DG SANCO to *“ensure that the interests of consumers are given due consideration in the development of other European Union policies”* and to *“improve consumer confidence, especially by more complete and effective information and education”*.

Moreover, the second programme of Community action in the field of health (2008-13) (decision no 1350/2007/EC of the European Parliament and of the council of 23 October 2007) establishes that (point 7) *“Eight leading causes of mortality and morbidity from NCDs in the WHO European Region are cardiovascular diseases, [...]. The Programme, in synergy with other Community initiatives and funding, should contribute to better knowledge of and information on the prevention, diagnosis and control of major diseases”*.

Thus, the EUROTRACS project will fully satisfy the aims of the EU Community action on EU public health. The policy related benefits will be spread in cooperation with CHAFEA that implements the Health and Consumer Programmes and Better Training for Safer Food initiative by disseminating knowledge and best practices, fostering networks among European experts and by providing feedback to the European Commission (DG for Health and Consumers) for policy-making.

2) GENERAL – MAIN BENEFICIARY

Consorti Mar Parc de Salut de Barcelona (IMIM-PSMAR). Spain

General activities for dissemination and exploitation of the results

The results of EUROTRACS will be available in the second half of 2015, thus most of the dissemination will be carried out after the official deadline of the project (31 May 2015) and will continue after the submission of the final report.

The main beneficiary is responsible for the following items:

1. Organization of the final conference:
The final workshop of the project was held in Barcelona on the 7th and 8th May 2015. The agenda is available on the website;
2. Preparation of the General Report according to the Grant Agreement;
3. Scientific presentations at the national and international congresses;
4. Scientific publications in international journals;
5. Organization of appropriate seminars about the EUROTRACS results for health policy makers, hospital management personnel, and clinical practitioners.

Specific activities for dissemination and exploitation of the EUROTRACS results in Catalonia and Spain:

The EUROTRACS investigators at IMIM have already identified the following stakeholders in Catalonia and Spain:

1. Hospitals providing healthcare in the acute phase of ACS to elderly patients, and long-term care centres;
2. Physicians: cardiologists, epidemiologists, public health officers, general practitioners, internal medicine practitioners, and others;
3. Scientific societies (e.g., cardiologists, nephrologists, neurologists, intensive care specialists, internal medicine specialists, general practitioners, and epidemiologists);
4. General public (including ACS patients and their relatives);
5. Health care policy makers; and
6. Scientists and biomedicine researchers.

To maximize the impact of the dissemination activities advantage will be taken of the specific contacts, connections, liaisons, scientific board memberships, and other links to key stakeholders of the EUROTRACS project PIs outlined in Tables 1 and 2.

Moreover, dissemination materials (specific promotional & updated brochures) will be distributed in European conferences and congresses and in national meetings on Epidemiology, Public Health, Cardiology, General Practice, Health Economics, Internal Medicine, and among interested agencies.

Finally, IMIM will take the leadership of 2 of the 5 scientific publications planned in the general dissemination plan, and take care of organizing the kick-off and the final consortium meetings that will also allow the participants to exchange knowledge and experience among research groups, which will facilitate capacity building and will contribute to additional dissemination of EUROTRACS findings by all team members and all partners.

EUROTRACS coordinator was invited by the Health Unit of the CONSUMERS, HEALTH AND FOOD EXECUTIVE AGENCY of the EUROPEAN COMMISSION to present the project at the Chronic Diseases and Healthy Ageing (CD-HA) Workshop: Addressing chronic

diseases and healthy ageing issues in 8 countries: BE, F, DE, IE, NL, UK, LU, ES, held on 12 – 13 February 2015 at the NH Den Haag Hotel, The Hague, The Netherlands. The presentation took place in the Session 4: Cost-effectiveness of health interventions, under the title “• More efficient healthcare delivery better quality of care – Jaume Marrugat, EUROTRACS”. The project PI also participated in the Panel 2: So what to do on the EU level?

Moreover IMIM will make the following presentations in the next 8th European Public Health Conference (Health in Europe – from global to local policies, methods and practices) to be held in Milan, Italy, next 14 - 17 October 2015:

1) Main conference – Friday 16th Oct, 8:30-10:00 – Chronic Diseases –

3.K. Oral presentations: Reducing risk factors in cardiovascular disease:

3K1 – 201501708: Modelling coronary artery disease incidence in Europe based on population risk factor prevalence. Irene Dégano, Spain

2) Workshop, Oral and Pitch sessions - Friday 16th Oct, 14:50-15:5000 – Chronic Diseases -

5.K. Pitch presentations: The impact of chronic diseases

5K4 - 201501766: Impact of invasive management on the survival of acute coronary syndrome patients in Europe. Jaume Marrugat, Spain

In addition the EUROTRACS results will be presented by Irene Dégano at the Congress of the Spanish Society of Cardiology session with the following title and authors list:

1) “*Impacto de la intervención coronaria percutánea en la supervivencia hospitalaria de 89.600 pacientes con síndrome coronario agudo, ingresados en hospitales europeos en 2000-2014*”. Irene Román Dégano, Jean Ferrieres, Ana Azevedo, Christa Meisinger, Danilo Fusco, Luigi Tavazzi, John Lekakis and Jaume Marrugat.

Table 1: Board memberships of EUROTRACS project PIs and other links to key stakeholders

Board memberships of EUROTRACS project PIs	<ul style="list-style-type: none"> • Research Department of Hospital Sant Joan de Deu, Barcelona, Spain • Former Director of the Catalonia Health plan assessor committee (with access to more than 30 patient associations)
Other liaisons (patient and hospital organisations)	<ul style="list-style-type: none"> • European Heart Network (CVD patients organisation) • European Hospital and Healthcare Federation (HOPE) • National organisations for CAD patients: GICOR, CORFI, & Fundación Española del Corazón.

Table 2: Contacts of the EUROTRACS project PIs with scientific societies, healthcare administrations and scientific journals.

Scientific Societies	<ul style="list-style-type: none"> • European Society of Cardiology • Spanish Society of Cardiology • Catalan Society of Public Health & Epidemiology • Spanish Society of Epidemiology • European Public Health Association
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Health Care Administration
consultancies and Boards membership
and contacts

- Spanish and Catalan Ministries of Health
- AUnETS [Agencias y Unidades de Evaluación de Tecnología Sanitaria (Agencies and Units for Health Technology Assessment)]
- AQuAS [Agencia de Qualitat i Avaluacio Sanitàries de Catalunya (Catalan Agency for Quality and Health Assessment)]

Scientific journal's board

- Spanish Journal of Cardiology
 - Spanish Journal of Vascular Surgery
 - Epidemiology Research International
-

3) PARTNERS' SPECIFIC CONTRIBUTIONS

Specific proposals received by the partners and the representatives of other institutions and related projects are reported in this section.

Italian partners DEASL (Department of Epidemiology, Health Authority Roma E), ESREFO (Health Science Foundation Onlus), ISS (National Institute of Health in Italy), and CINECA (Consortium of Universities) have agreed to cooperate to implement a joint action for a common dissemination strategy at a national level. The contribution of every partner to the action is described in its own section.

Associated beneficiaries

Hellenic College of Cardiology, Greece

The Hellenic College of Cardiology (HCC) will take advantage of its resources, including website, publications, congresses, seminars and webinars, for the dissemination of the EUROTRACS project's results and derivatives.

More specifically, the official HCC website (<http://www.greekcardiology.gr/%CF%83%CF%85%CE%BC%CE%BC%CE%B5%CF%84%CE%BF%CF%87%CE%AE-%CF%83%CF%84%CE%BF-%CE%B5%CF%85%CF%81%CF%89%CF%80%CE%B1%CF%8A%CE%BA%CF%8C-%CF%80%CF%81%CF%8C%CE%B3%CF%81%CE%B1%CE%BC%CE%BC%CE%B1-eurotracs/>) may host leaflets and other material derived by the project, along with direct links to EUROTRACS webpage and other project's online resources .

The HCC may publish material from the project in its official publication, an international web-based open-access journal published by Willey.

The HCC organizes regularly a series of scientific and educational events, including national and local congresses, seminars and live webinars, which may serve as a platform for the presentation of the project's main features and results, as well as of any other scientific work derived by the project including papers and abstracts.

Department of Epidemiology, Health Authority Roma E (DEASL), Italy

To disseminate the main findings of the project, the Department of Epidemiology, Health Authority Roma E (DEASL) will create a page on its website, with a brief description of the project and the link to EUROTRACS website (<http://www.deplazio.net/it/attivita/71>).

Concerning the transfer of the results and instruments, DEASL will help to create a list of specific targeted audience, such as Italian Society of Cardiology (SIC) and Italian Society for Cardiac Surgery (SICCH).

The results will also be presented in national conferences and meetings, including the congress of the Italian Society of Epidemiology (AIE).

DEASL will contribute to the joint action of the four Italian partners for a common dissemination strategy in Italy. In particular DEASL will prepare a user manual of the functions developed in EUROTRACS both in Italian and in English. The manual will be made downloadable from the website.

University of Porto Medical School (FMUP), Portugal

FMUP will contribute to dissemination of the project by making the results of the project available both as scientific and informative publications for policy makers, stakeholders and citizens.

The following activities will be undertaken:

- A link to the project's website will be included in the main page of the Institute of Public Health of the University of Porto (<http://ispup.up.pt/research/research-projects/finished-projects/finished-projects/330/>);
- The information leaflets focusing on the results achieved during the project and the implications of those results for European citizens will be sent to the Portuguese Society of Cardiology and the National Priority Program for cardiovascular diseases of the General-Directorate of Health (Ministry of Health);
- the laymen's short version of the Deliverables defined as public in the Grant Agreement will be translated into Portuguese and sent to the members of a prospective cohort of acute coronary syndrome patients who are followed by our research team.

Helmholtz Center Munich - German Research Center for Environmental Health (HMGU), Germany

A link to the EUROTRACS homepage has been included in the website of the KORA Myocardial Infarction Registry (<http://www.helmholtz-muenchen.de/herzschlag-info/index.html>). The website of the KORA Myocardial Infarction Registry provides disease- and treatment-related information and is frequently accessed by patients and health professionals.

A brief description of the EUROTRACS-project and a link to the EUROTRACS homepage has been included in the section reporting data on co-morbidities / risk factors for AMI of the most recent annual report from the KORA Myocardial Infarction Registry at the German "Information System of the Federal Health Monitoring" (Das Informationssystem der Gesundheitsberichterstattung des Bundes) on the website https://www.gbe-bund.de/gbe10/ergebnisse.prc_tab?fid=6770&suchstring=eurotracs&query_id=&sprache=D&fund_typ=TAB&methode=2&vt=1&verwandte=1&page_ret=0&seite=&p_sprachkz=D&p_uid=gast&p_lfd_nr=1&p_news=&p_aid=56644128&hlp_nr=3&p_janein=J. This will be continued in future reports. Thus the main and most commonly accessed source of national health-related data will be utilized for dissemination of the project.

Abstracts for oral or poster presentations will be submitted for upcoming national congresses, including the congress of the German Cardiac Society and the German Society for Epidemiology.

Health Science Foundation Onlus (ESREFO), Italy

A dedicated page to EUROTRACS was included in the ESREFO website (www.ricercascientifica.org). This page, currently under maintenance, includes a short description of the project, the link to the project website and, as soon as available, a specific link to the developed functions.

ESREFO asked the Federazione Italiana di Cardiologia (FIC), one of the most important scientific cardiovascular societies in Italy that represents, at the international level, all the national cardiovascular societies to include in its website a reference to EUROTRACS. Following this request, a short description of the project and a link to the project website have been included in the homepage (<http://www.federcardio.it/>).

Finally, ESREFO has contributed to the joint action of the four Italian partners for a common dissemination strategy in Italy by promoting the participation of EUROTRACS during one of the most important Congresses on cardiovascular disease in Italy, organized by ANMCO (National Association of Hospital Cardiologists) on 4-6 June 2015 in Milan.

Research and Prevention on Cardiovascular Diseases – The Toulouse MONICA Project (AEPMCV), France

Our team plans to disseminate the EUROTRACS project results at several levels.

Results will be communicated to citizens during the yearly event organized by the French Federation of Cardiology (Parcours du Cœur, <http://www.fedecardio.org/pdc/parcoursducoeur>). Leaflets and posters will be provided.

Cardiologists and general practitioners will be informed via the French Society of Cardiology (<http://www.sfcardio.fr/>) and URMLs (Union régionale des médecins libéraux) respectively.

Results will also be communicated to hospital managers and health institutions (Haute Autorité de Santé - <http://www.has-sante.fr/>, Agences Régionales de Santé - <http://www.ars.midipyrenees.sante.fr/>, Institut national de prévention et d'éducation pour la santé - <http://www.inpes.sante.fr/>).

For the scientific community we plan to produce scientific papers and to present the results in meetings and conferences.

Results will be communicated to a broader public (health professionals; students in medicine, in public health...) by the mean of the bibliographic newsletter of the Midi-Pyrénées public health documentation center (<http://www.orsmip.org/centredoc/fonctionnement>).

Finally, the EUROTRACS project website will be available via our team's web page (http://www.u1027.inserm.fr/equipe-3-335085.kjsp?RH=ACC_UMR1027).

National Institute of Health in Italy (ISS), Italy

ISS is responsible of the WP2 Dissemination. The actions proposed in the WP2 will be agreed within the Eurotracs working group on dissemination (ISS, CINECA, HOPE, IMIM), and will be aimed at making the results of the project available both as scientific and informative publications for policy makers, stakeholders and citizens.

The following activities will be undertaken:

- in cooperation with CINECA, designing the structure and preparing the contents for the project website, both subjected to the approval of the Project Coordinator (IMIM). The website will be the main tool for the dissemination. It will continuously updated including information about the project and all the enrolled partners;
- in cooperation with CINECA, designing a logo to identify the project;
- preparing the dissemination plan including the dissemination policy;
- preparing the news to be included in the project website;
- in cooperation with CINECA, designing and editing the information leaflets. The first leaflet (promotional) focuses on project description, objectives and planned results (published in the website on October 2013), while the second (dissemination) will focus on the results achieved during the project and the implications of those results for European citizens. Both leaflets will be prepared by the participants and translated in all the languages spoken in the participant countries using their own internal resources;
- preparing the laymen's short version for the website of the Deliverables defined as public in the Grant Agreement;
- preparing the final project laymen's version (brochure) describing the project and the results, to be placed on the website. Together with partner CINECA, ISS will be responsible of the concept and graphic design of the laymen's version of the final report. The texts of this document will be based on the contribution of the project partners and will be released after approval of the Project coordinator. This version of the final project will describe the project results and deliverables for the wider public.
- in cooperation with HOPE and IMIM, identifying the stakeholders that will receive the final products of the project and proposing all the Partners activities suitable to promote the project;
- in cooperation with CINECA, preparing a set of standardised tools to be used when disseminating the project results (Technical report /Deliverables coversheet; Slide

scheme to be used in Congresses/conferences presentations according to the graphic project selected for the website);

- assisting the Project coordinator in promoting the project final conference through the website.

ISS will contribute to the joint action of the four Italian partners for a common dissemination strategy in Italy by cooperating in the preparation of the user manual of the functions developed in EUROTRACS. Moreover ISS made the following presentation in the last National Congress of Hospital Cardiologist, held in Milan on 4-6 June 2015: ACS Management: Hospital benchmarking and cost-effectiveness analysis. Gestione della sindrome coronarica acuta: benchmarking degli ospedali e analisi costo-efficacia. *Risultati dei progetti EURHOBOP e EUROTRACS (Results of EURHOBOP and EUROTRACS projects)*, showing the first results of EUROTRACS.

European Hospital and Healthcare Federation (HOPE), Belgium

HOPE disseminated information related to the project through the publication of a dedicated article on Hospital Healthcare Europe, disseminated all over Europe. The article highlighted the contribution of EUROTRACS (and EURHOBOP) to the EU Health Programme 2008-2013.

HOPE informed its network and members about the topics discussed during the meetings in Barcelona and Athens and the progresses of the project, so far through its monthly newsletter.

HOPE will spread the final results of EUROTRACS through its newsletter and updates, which are sent respectively to its members and network (1.600 people), to relevant EU stakeholders, and to European Institutions representatives.

HOPE will contribute to the list of useful contacts on the website by identifying European stakeholders' organizations working in the health field and related to the topic.

HOPE will help to identify seminars or European or national official meetings and conferences in the quality, performance and management fields.

HOPE will contribute to the results dissemination also by providing space in the magazine of some of its member organizations. The content could be part of the report on the project's result. This could only take place at the end of the project once the results are completed.

The activity of dissemination will facilitate the sustainability of the project in the medium and long term. It will reinforce the sense of commitment of hospitals originally participating in the network and will pave the way for the inclusion of many further hospitals.

Concerning the transfer of the results and instruments HOPE will help create a list of specific targeted audiences such as the quality, performance and management networks.

As mentioned HOPE will participate in the dissemination with its website and the web of its members.

CINECA Consortium of Universities

CINECA cooperates with ISS in the development of the WP2 Dissemination and is responsible of the following actions supporting the activity of dissemination:

- in cooperation with ISS, preparation, maintenance and updating of the project website. The site will include information on the project and partners, updated process and outcome indicators and public deliverables such as .pdf versions of leaflets and final project laymen's version. Information about scientific publications derived from the project, and other public written references to the project, will be also available in the website at least with a short description and a link to the website of the scientific journal. Only if permitted by the dissemination policy of the journal, the .pdf format of the paper will be made available in the website;
- in cooperation with the project coordinator (IMIM), development of an internet based model, built on WP4 and WP5 results, that will allow calculation of estimates of CAD

event number and cost by sex for the selected population interventions and participating countries. The model will be available first in the member area of the website only for the project partners and, on demand, for selected stakeholders. After the publication of the project results in high ranked peer reviewed scientific journals, the internet model will be made available for the public;

- in cooperation with ISS and IMIM, preparation of the dissemination materials for conferences and congresses;
- preparation of the leaflets in cooperation with ISS;
- preparation of the final project laymen's version, in cooperation with ISS. This version of the final project will describe the project results and deliverables for the wider public.

CINECA will contribute to the joint action of the four Italian partners for a common dissemination strategy in Italy by cooperating to the preparation of the user manual of the functions developed in EUROTRACS and by making it available in the project website.