



BRIDGEHEALTH

BRidging Information and Data Generation
for Evidence-based Health Policy and Research

www.bridge-health.eu

Euro-Peristat in the new BridgeHealth Project

OBJECTIVES

- **Ensure sustainability of key health information activities** run under the past EU-health and research framework programmes and **enhance synergy** among these activities;
- Enhance the **transferability of health information and data** for policy
- improve the **use of data** in policy making, public health surveillance and health care
- Reduce **health information inequality** in EU and MS
- Enhance information on **regional variations** of indicators, on **inequalities** and on specific population groups such as **children and the elderly**

OBJECTIVES

Develop a blueprint for a sustainable and integrated EU Health information system by developing common methods:

- standardizing the **collection and exchange of health information** between MS
- ensuring **data quality**, including procedures for internal and external validation of health indicators
- undertaking **priority setting** exercises for health information
- addressing **ethical and legal issues** associated with the collection and use of health data

Structure *BRIDGE*Health

Research Fields



Horizontal activities

1. Transferability of health information and data for policy
2. Reduction of health information inequality within the EU and MS
3. Health information on regional level
4. Standardization of collection and exchange of health information
5. Data quality, including internal and external validation methods of indicators
6. Health information priority setting
7. Ethical and legal issues

Expected outcomes

➤ Outcomes

- ❖ blue prints for a future European health information system
- ❖ transferability of health information and data for policy
- ❖ improvement of the utility and use of data for stakeholders
- ❖ reduction of health information inequality within the EU
- ❖ information on regional variations in health indicators,
- ❖ information on health inequalities and on the health of specific population groups such as children and the elderly;

➤ a blueprint for developing common methods for

- ❖ standardizing the collection and exchange of health information
- ❖ ensuring data quality,
- ❖ priority setting in health information
- ❖ ethical and legal issues in health information systems

Beneficiaries

Austria	Healthsystemintelligence (HSI)
Austria	MEDIZINISCHE UNIVERSITAET WIEN (Medical University Of Vienna (MUW))
Belgium	Institut Scientifc De Santé Publique (ISP) - coordinator
Belgium	Vlaams Instituut Voor Technologische Ontwikkeling (VITO)
Denmark	Kobenhavns Universitet (Ku)
Denmark	Syddansk Universitet (University Of Southern Denmark (SDU))
Finland	Terveyden Ja Hyvinvoinnin Laitos (Thl)
France	Institut National De La Sante Et De La Recherche Medical (Inserm)
France	Institut De Recherches Et De Documentation En Economie De La Santé (IRDES)
France	Ecole Pratique Des Hautes Etudes, Paris (EPHE)
Germany	Robert Koch Institute (Rki)
Germany	Beratungsgesellschaft Für Integrierte Problemlösungen (Bipro)
Germany	Umwelt Bundesamt (Uba)
Germany	Technische Universität Berlin (TUB)
Hungary	Semmelweis Egyetem (Semmelweis University (Su))
Ireland	Dublin City University (Dcu)
Italy	Istituto Superiore Di Sanita (Iss)
Italy	Hub Internazionale Per La Ricerca Sanitaria (Hirs)
Italy	University Bocconi (Ub)
Netherlands	Rijksinstitute Voor Volksgezondheid En Milieu (Rivm)
Netherlands	European Association For Injury Prevention And Safety Promotion –Eurosafe (Es)
Norway	Folkehelseinstituttet (FHI) /Norwegian Institute Of Public Health (NIPH)
Norway	Universitetet I Oslo (University Of Oslo (UIO))
Portugal	Faculdade De Economia Da Universidade Nova De Lisboa (Lisbon Economics Faculty (FE-UNL))
Slovenia	Nacionalni Inštitut Za Javno Zdravje (NIJZ)
Spain	Fundació Centre De Recerca En Epidemiologia Ambiental (CREAL)
Spain	Instituto De Salud Carlos III (ISCIII)
Spain	IIS Aragón Centro De Investigación Biomédica De Aragón (IACS)
Sweden	Karolinska Institutet (Ki)
UK	Swansea University (Su)

Beneficiaries WP7

Reproductive, maternal,
newborn, child and
adolescent health (RMNCH)

Norwegian Institute Of
Public Health (NIPH)
Frederik Froen (PI)

INSERM
Euro-Peristat Project
Jennifer Zetlin (PI)

Fundació Centre De Recerca
En Epidemiologia Ambiental
(CREAL) - Chicos project
Martine Vriheid (PI)

Dublin City University
(Dcu) - Riche Project
Anthony Staines



7.2 Euro-Peristat - Objectives

1. Support sustainable reporting by maintaining and expanding the Euro-Peristat network
2. Reinforce capacity and reduce inequalities in data production, transfer, sharing, analysis and use of perinatal health indicators from routine data systems
3. Harmonize and integrate Euro-Peristat health indicators, methods and tools within an EU health information system



Task 7.2A - Maintain and expand network

- Identify partners in Bulgaria and Croatia
- Update list of scientific committee members and maintain website
- Organise a network meeting in 2016
- Collaborate on analysis and reporting
- Create and distribute a newsletter



Task 7.2B Reinforce capacity/reduce information inequality

- Develop protocol for individual person data repository pilot study (moving from aggregate to individual)
 - Objectives: improve data quality and transmission (logistics and cost-effectiveness)
 - Methods: Generate Euro-Peristat tables from individual data
 - Collaboration with Eurostat being explored
- Promote linkage of routine maternal and newborn data and develop recommendations
 - Data collection and background papers completed



Task 7.2C harmonize and integrate Euro-Peristat health indicators within an EU system

- Collaboration with WP7 and other projects in BridgeHealth
 - Use directory to create links between partners in BridgeHealth projects
 - Create links between Eurostat official partners and Euro-Peristat partners (as part of microdata pilot)
 - Collaborate with other partners in WP7
- Participate in Bridgehealth meetings
- Identify potential synergies with other projects and make proposals for change to improve these



7.2 – Outcomes thus far

- New partners in Bulgaria and Croatia
- Updated website and network list
- Scientific publications (5)
- EUPHA presentations (availability/linkage)
 - 2 workshops in 2015 (session on BridgeHEALTH and one in Data linkage Section)
- Network meeting (April in Paris)
- Newsletter
- Microdata pilot study protocol (+ SGA project)

Participation in EUPHA workshops

Title of presentation: The availability of data on maternal and newborn health in routine systems in 29 European countries

Workshop: Availability, comparability and quality of data for health information in Europe- 2nd workshop submitted by BridgeHealth (Hanna Tolonen and Simona Giampaoli)

Title of presentation: Possibilities for monitoring social inequalities in perinatal health using routine sources in Europe

Workshop: Observe the gap: Possibilities and approaches for routine monitoring of social health inequalities. EUPHA sections on Public Health Monitoring and Reporting and on Public Health Economics (Nicole Rosenkötter)

Specific objective 2.A	Support sustainable perinatal health reporting from routine health information systems in Europe by maintaining the existing Euro-Peristat network of 29 countries and expand it with the joint RMNCH network	
Process indicators	Output indicators	Outcome indicators
Training sessions held with new member countries (yes/no)	Report on test of data collection process in new members using 2010 data published (yes/no)	Addition of Bulgaria and Croatia to the network (yes/no)
Meeting of the Euro-Peristat network attended by at least 80% of member countries	Report on analysis of Euro-Peristat Health Indicators published (yes/no)	Publications in peer reviewed journals on Euro-Peristat data (n=2)
Website maintained and enhanced (number of new articles, page visits)	Newsletter published and disseminated to Euro-Peristat stakeholders	Greater involvement of stakeholders .(10 stakeholders to participate in specific objective 2C)
Euro-Peristat network members attend RMNCH Meetings (yes/no)	Report on Euro-Peristat's members feedback about RMNCH Blueprint published and disseminated to other partners (yes/no)	Countries participating in Euro-Peristat that have endorsed RMNCH Roadmap (number)

Specific objective 2.B	Reinforce capacity and reduce inequalities in data production, transfer, sharing, analysis and use of perinatal health indicators from routine data systems on the national and European levels by implementing cross-cutting health surveillance and research actions identified in the Euro-Peristat project	
Process indicators	Output indicators	Outcome indicators
Meetings of working group on data linkage to improve perinatal health indicators (yes/no)	Action research report on extending reporting capacity through data linkage published (yes/no)	Countries have improved availability of indicators (number)
Meetings of working group to improve transfer of perinatal health data (yes/no)	Protocol for experimental micro-data repository using data on 2015 births published (yes/no)	Improved quality and cost-effectiveness of data transmission, operationalised in at least 10 countries for 2015.(number)
Meetings of working group on priority setting for perinatal health indicator reporting (yes/no)	Reporting interface protocol involving policy makers, clinicians, statisticians, users and researchers on a selected theme published. (yes/no)	Consensual list of priorities on selected theme (yes/no)

Specific objective 2.C	Under the systems framework of this proposal, harmonize and integrate Euro-Peristat health indicators, methods and tools within an EU health information system	
Process indicators	Output indicators	Outcome indicators
Involvement of Euro-Peristat members in Bridge activities relevant to objectives (yes/no)	Report on synergies between perinatal health information and other health information projects published (yes/no)	Modifications to Euro-Peristat's data collection and reporting procedures (at least 3 changes). (number)

Task 7.2 To Optimize the sustainability, timeliness, comprehensiveness, quality and use of perinatal health information from routine systems as specified in the Euro-Peristat roadmap (INSERM in collaboration with NIPH, CREAL, DCU)

- Support sustainable perinatal health reporting from routine health information systems in Europe by maintaining the existing Euro-Peristat network of 29 countries and expand it with the joint RMNCH network
 - Training sessions held with new member countries
 - Meeting of the Euro-Peristat network
 - Report and scientific publications on analysis of Euro-Peristat Health Indicators published
- Reinforce capacity and reduce inequalities in data production, transfer, sharing, analysis and use of perinatal health indicators from routine data systems on the national and European levels by implementing cross-cutting health surveillance and research actions identified in the Euro-Peristat project
 - Action research report on extending reporting capacity through data linkage published
 - Protocol for experimental micro-data repository using data on 2015 births published
 - Reporting interface protocol involving policy makers, clinicians, statisticians, users and researchers on a selected theme published
- To harmonize and integrate Euro-Peristat health indicators, methods and tools within an EU health information system
 - Report on synergies between perinatal health information and other health information projects published

AIMS of **BRIDGEHEALTH**

- Use the comprehensive experience and assure a knowledge transfer from past health and research frameworks:
- to work towards a European health information and data generation network covering major EU health policy areas that is:
 - ❖ comprehensive, integrated and sustainable
 - ❖ supports evidence-based health policy and research for the EU and Member States
 - ❖ Provides blueprints and/or concepts of building blocks for a future EU-HI research infrastructure consortium (ERIC-HI)
- to bridge key EU projects in domains of population and health system monitoring and indicator development, health examination surveys, environment and health, population injury and disease registries, clinical and administrative health data collection systems and methods of health system monitoring and evaluation.