Health Information and Knowledge

Perspectives for the future

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Outline

- **Health information and knowledge – Research State of play**

- **Challenges**

- **Horizon 2020 - Perspectives for the future**

Research
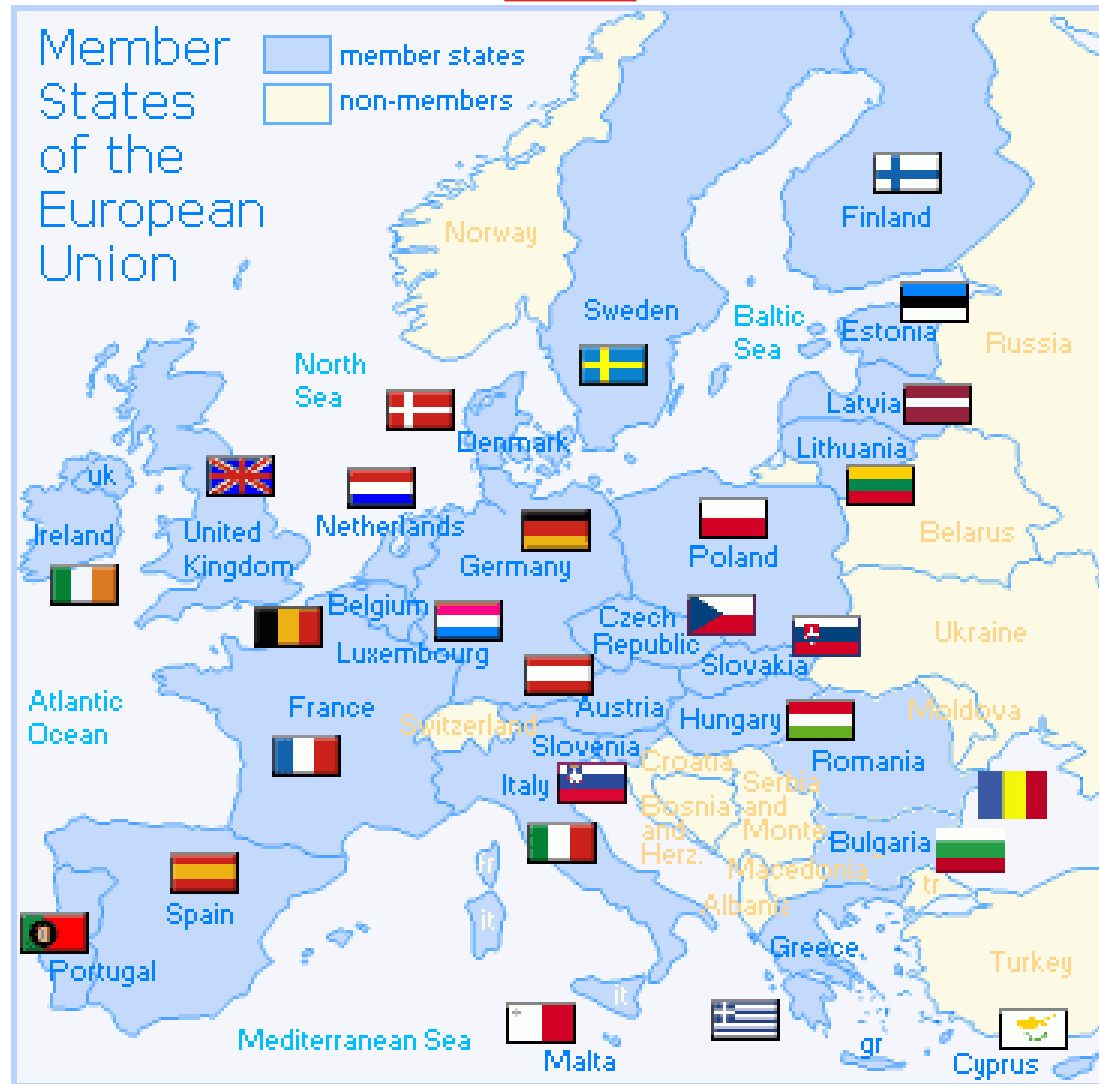# Health information & knowledge – State of play

- **Observational studies; clinical trials; cohorts**

- **Population data; health service & administrative data**

- **Methodological work**

  - New measures and indicators

  - Interoperability of ICT systems

Research
Health information & knowledge – State of play

EuroREACH
www.euroreach.net

Eurocourse
www.eurocourse.org

EuroDRG
www.eurodrg.eu

ECHO
www.echo-health.eu

HIVERA
www.hivera.eu

FluModCont
www.flumodcont.eu

RD Platform
www.rdplatform.org

ENGAGE
www.euengage.org

SHELTER
http://lnx.starcomitaliaweb.eu

CHDplatform

Member States of the European Union

Health information and knowledge – Challenges for research

- **To capitalise on Europe's diversity**

  - Comparability of data sets across countries/regions

  - Linking data bases /registries

  - Sustainability of infrastructure

- **Current situation not cost efficient and time consuming**

Health information and knowledge - Opportunities

- **Horizon 2020 – The new EU Research framework programme -** http://ec.europa.eu/research/horizon2020/index_en.cfm

- Future of EU public health research – **recommendations from Independent Expert Group**

Budget ?

Setting sail for Horizon 2020

Europe needs cutting edge research and innovation

Essential to ensure competitiveness, growth and jobs

Vital to tackle pressing societal challenges

3% of GDP invested in R&D: headline target of Europe 2020

HORIZON 2020

Horizon 2020 expected timeline

- **From 30/11** **Parliament and Council negotiations on the basis of the Commission proposals**

- **Ongoing** **Parliament and Council negotiations on EU budget 2014-20 (including Horizon 2020)**

- **By end 2013** **Adoption of legislative acts by Parliament and Council on Horizon 2020**

- **January 2014** **Horizon 2020 starts; launch of first calls**

Horizon 2020

~ Budget ?

Health, demographic change & wellbeing - the Commission's proposal for Horizon 2020

1.1 Understanding health, wellbeing and disease

1.2 Preventing disease

1.3 Treating and managing disease

1.4 Active ageing & self-management of health

1.5 Methods & data

1.6 Health care provision and integrated care

1.7 Specific implementation aspects

Health, demographic change & wellbeing

- the partial general approaches reached by Council 11 December 2012 on the specific programme

1.5 Methods and data

1.5.1. Improving health information and better use of health data

1.5.2. Improving scientific tools and methods to support policy

making and regulatory needs

Public Health Research

- **Public health: Since 2000, over € 450 M in 190 projects (120 ongoing). Population health and health systems research.**

  http://ec.europa.eu/research/health/public-health/index_en.html

Independent Expert Group on Public Health

Learn from the past:

- What research results/data have been generated in EU funded projects?
- Have they been exploited/used (in particular for policy making)?
- How could the use of existing data be maximised?

Orientations for the future:

- What should the future thematic priorities be (within H2020)?
- How do we better structure the Public Health research in the future?
- How to develop stronger links and synergies between national research activities and policy agendas ?
- How to improve uptake of evidence generated from Public Health Research to Public Health policy?

Recommendations from the independent expert group regarding future thematic priorities within Horizon 2020

❖ **Areas of research**

  ❖ Health promotion

    ❖ A.O: Understanding the conditions for success of complex population health interventions that reduce inequality

  ❖ Disease prevention

    ❖ A.O: Cost effectiveness of existing population based disease prevention programmes

  ❖ Health services

    ❖ Innovations that improve the humanity, quality, safety and efficiency of care and encourage a shift towards prevention

Research and Innovation

Recommendations from the independent expert group regarding future thematic priorities within Horizon 2020

❖ **Areas of research**

  ❖ Health policy

    ❖ A.O: Focus on major policy challenges (impact of globalisation; including global supply chain, climate change)

  ❖ Methods

    ❖ A.O: Development of new measures of societal well-being and the impact of public health exposures and interventions.

    ❖ A.O: Research that examines the extent to which health information systems across Europe can be combined and exploited to solve major public health challenges.

❖ ***To improve uptake of evidence -*** establish a readily accessible, flexible, long term repository of research outputs.

Easy access to robust and comparable health related data are key to further knowledge in the EU

Thank you