

# **Our vision:**

# **Knowledge for Health**

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Director

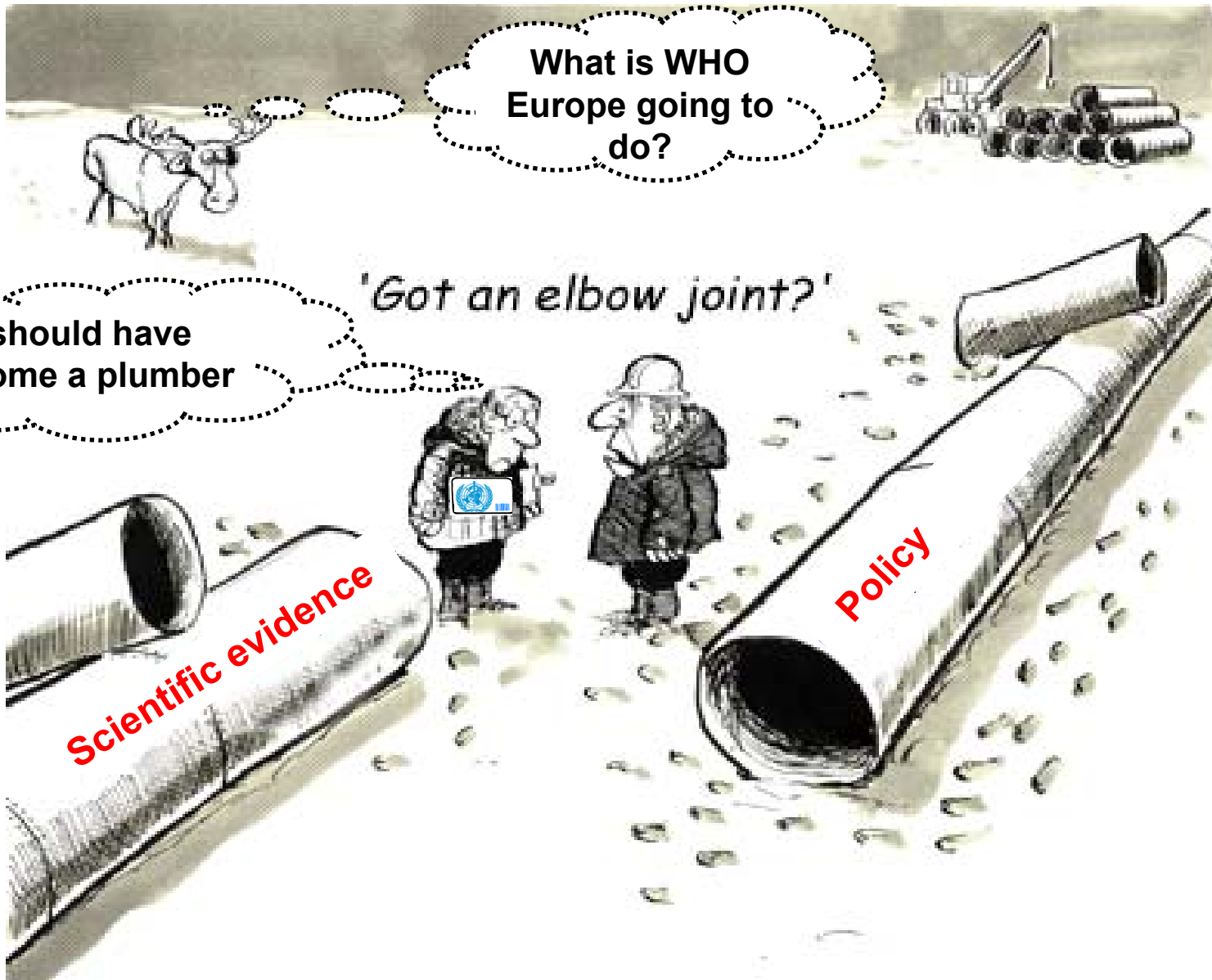
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**World Health Organization**

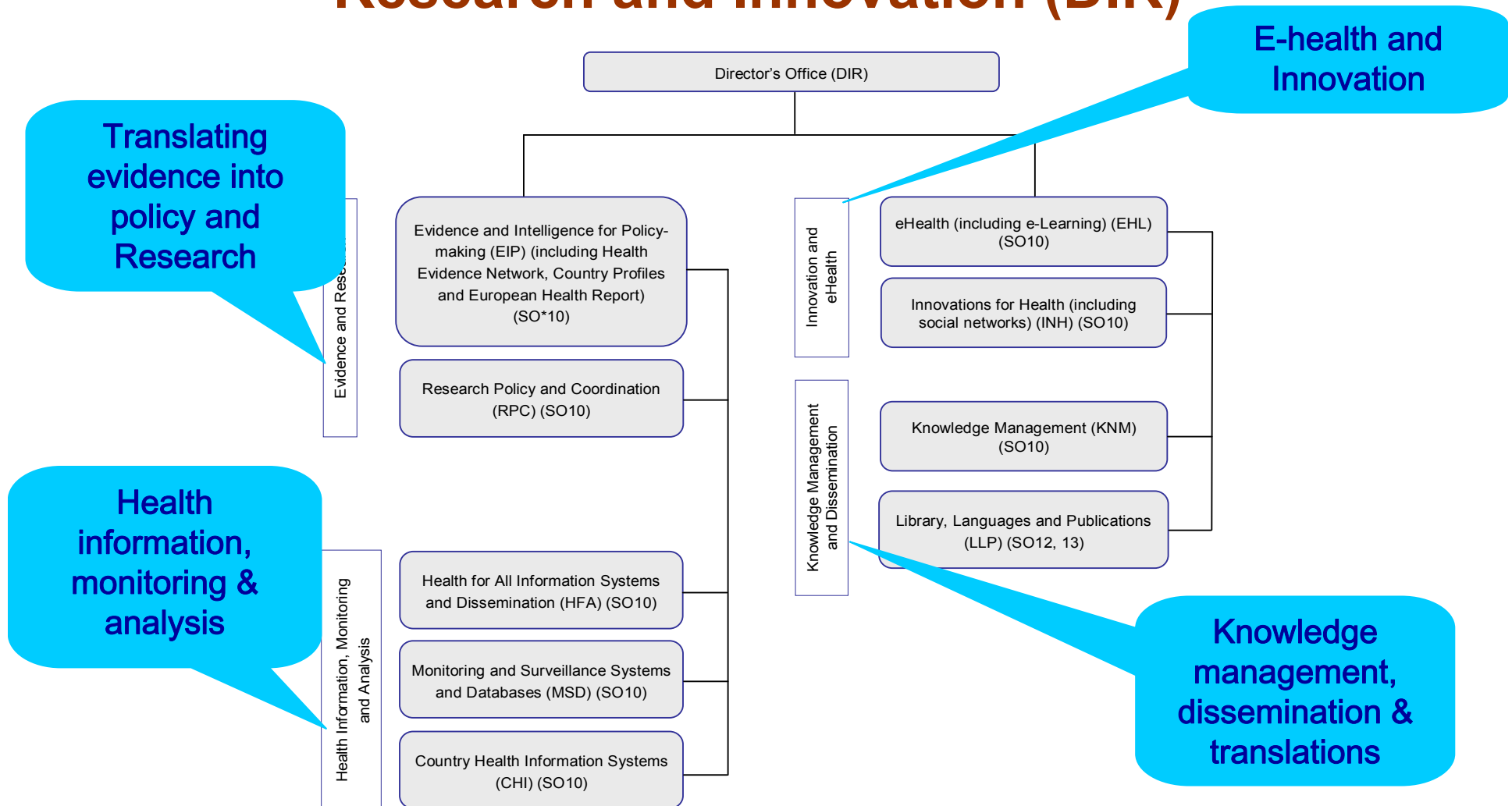
Regional Office for Europe



World Health  
Organization

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# The Division of Information, Evidence, Research and Innovation (DIR)



**World Health Organization**

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## WHO European Region

# WHO databases in action

- Regional head office
- Regional out-posted centres
- WHO country offices



- **53 Member States**
- **Geographic spread from Atlantic to Pacific (incl. territories)**
- **900 million population**
- **Heterogeneity: income, demographics, epidemiology**
- **Established health systems v new health systems**

# Information held at WHO Europe

- Centralized Information System for Infectious Diseases (CISID)
  - STI and HIV/AIDS
  - Tuberculosis control and joint ECDC/EURO surveillance
  - ~~Vaccine-preventable diseases and immunization~~
- Health for All (HFA) database
- Mortality, morbidity and hospital discharge databases
- Nutrition, Obesity and Physical Activity - NOPA
- Tobacco control database
- Health Evidence Network (HEN) sources of evidence database
- Health inequalities resource database
- Environmental Health Information System - ENHIS (planned)
- Alcohol control, prison health (under revision)

**Home**

WHO/Europe home page

**Where we work**

Our work in European countries

**What we do**

Data and evidence, health topics

**What we publish**

Books, fact sheets, press releases, reports

**Who we are**

About us, our partners and networks

What we do > Data and evidence > Databases



**European health for all database (HFA-DB)**  
 World Health Organization Regional Office for Europe  
 Updated: July 2010

Select parameters Maps Graphs Tables Definitions Languages Help Quit

Follow the steps below

1.	<ul style="list-style-type: none"> <li>Click on "Select parameters" to open dialogue window for selecting indicators, countries and years</li> <li>Click on a box with sign+ in front of indicator group title to access the list of indicators</li> <li>Select required indicators, countries and years by ticking appropriate boxes in front of their titles and then click on OK</li> </ul>
2.	Select required graphical or tabular data display option from the above menu
3.	Repeat steps 1-2 to select and display data on other indicators, countries or years
4.	Click on Definitions to view definitions and notes on data quality and sources for selected indicators
5.	If another supported language required, click on menu item "Language"
6.	Check Help for more detailed instructions. Make sure that your browser allows popup windows from this Web site
7.	Download and use off-line version of the HFA-DB for more advanced data display and export options

**More information**

**Offline version**

For frequent use, plus access to additional output options. For this version, download two compressed files.

**HFA-DB user manual (PDF)**

Includes installation instructions and other useful information.

**Data Presentation System software (DPS)**

Installation files and manual

**External resources**

National health indicator databases



Indicators

- 01 DEMOGRAPHIC AND SOCIO-ECONOMIC INDICATORS
- 02 MORTALITY-BASED INDICATORS
- 03 MORBIDITY, DISABILITY AND HOSPITAL DISCHARGES
- 04 LIFE STYLES
- 05 ENVIRONMENT
- 06 HEALTH CARE RESOURCES
- 07 HEALTH CARE UTILIZATION AND EXPENDITURE
- 08 MATERNAL AND CHILD HEALTH

Selected indicators

- 0270 Real gross domestic product, PPP\$ per capita
- 1070 Probability of dying before age 5 years per 1000 live births
- 1071 Probability of dying before age 5 years per 1000 live births, m
- 1072 Probability of dying before age 5 years per 1000 live births, fe
- 1073 Estimated probability of dying before age 5 years, per 1000 liv
- 1100 Estimated infant mortality per 1000 live births (World Health R

Clear

Load

Countries

- EUROPE
  - 0001 Albania
  - 0002 Andorra
  - 0003 Armenia
  - 0004 Austria
  - 0005 Azerbaijan
  - 0006 Belarus
  - 0007 Belgium
  - 0008 Bosnia and Herze
  - 0009 Bulgaria

Clear

Load

Selected countries

- 0054 European Region
- 0055 EU
- 0056 EU members before May
- 0057 EU members since 2004 c
- 0058 CIS

Years

- 2005
- 2006
- 2007
- 2008
- 2009

Clear

OK

Cancel



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# The WHO interactive Atlases of Health Inequalities in Europe – from description to user-analysis

Home

WHO/Europe home page

Where we work

Our work in European countries

What we do

Data and evidence, health topics

What we publish

Books, fact sheets, press releases, reports

What we do > Data and evidence > Databases

<http://data.euro.who.int/equity>

What we do ▲

Data and evidence ▲

Equity in Health

Project overview

Technical documentation

Interactive atlases

Correlation map

Inequalities

Regional comparison

Web-based resource

Introduction

Usage

Audience

Companion publication

## Inequalities in Health System Performance and Their Social Determinants in Europe

### Tools for Assessment and Information Sharing

#### Multi-Donor Action led by WHO Europe and the European Commission

One of the main goals of the project is to improve availability of and access to evidence on inequalities in health system performance, including quality of care and the structural determinants of such inequalities across countries and regions in Europe .

To fulfill this goal, several interactive atlases have been developed in the project. Publicly available data from EUROSTAT databases have been used to produce the atlases. You may consult the EUROSTAT database for metadata and definitions. The geographical unit of



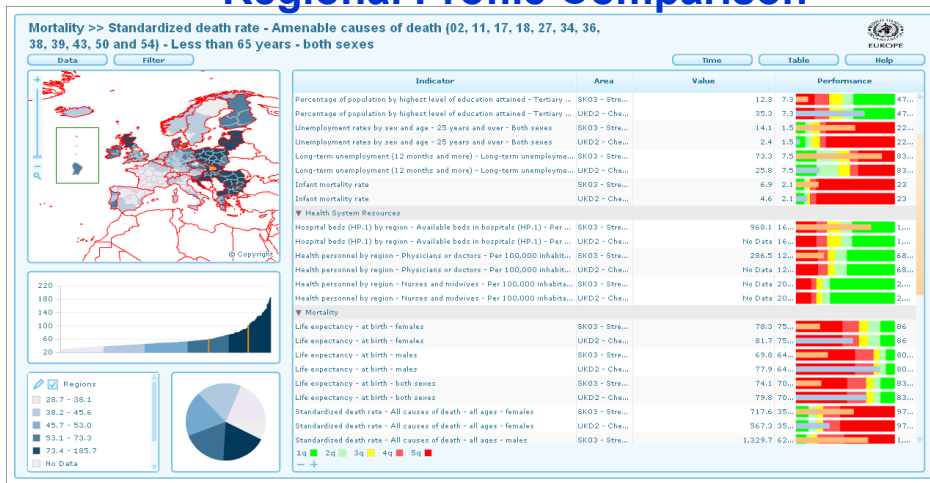
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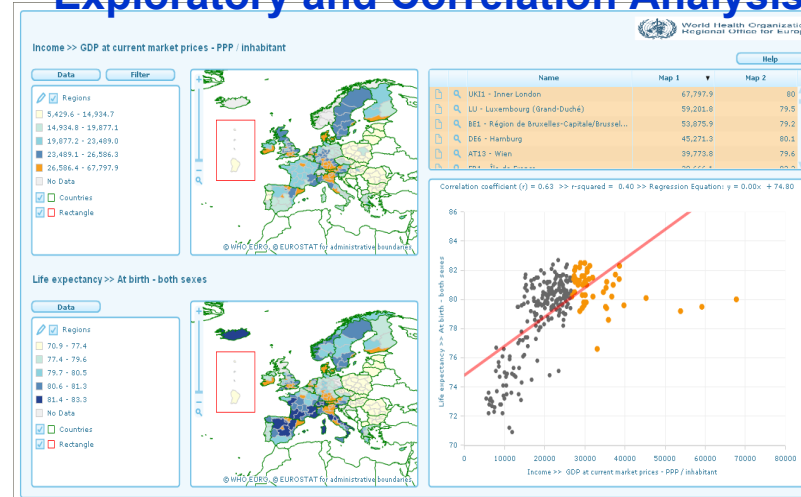


# Health Atlases

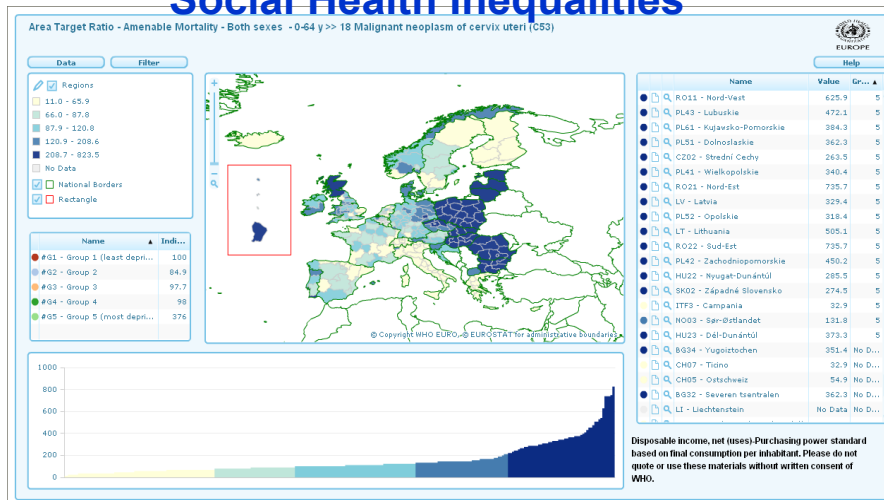
## Regional Profile Comparison



## Exploratory and Correlation Analysis



## Social Health Inequalities



# Information held at WHO Europe

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1. Review of all databases
2. WHO/EURO common platform for all data ('one-stop-shop')
3. New visualization tools

## Caveats:

**Definitions, coverage, quality, completeness, etc.**

# Single integrated Health Information System for Europe (53 Member States)

- Roadmap with European Commission agreed in 2011



# Agreed roadmap for Health Information System for Europe

1. Conduct mapping exercises for existing health information systems in the agencies;
2. Conduct reviews of the quality and architecture of information systems → criteria;
3. Conduct landscaping of current and potential partners and stakeholders and engage them → in progress;
4. Define common needs and constraints,
5. Discuss a concrete way forward based on the above steps and devise an action plan.

Including at  
country level  
→ resource  
implications

Requires good  
coordination &  
agreement on  
elements









# We want to hear from our Member States:

- Where do you see the main advantages and benefits of this system?
- Where do you see the challenges and threats?
- How far should a common platform go – a ‘one-stop-shop’?
- Any other comments you would like to make



# Mapping health information at country level – the contribution of the European *Health 2020* policy

- Emphasis on **health and wellbeing**
- The **right to health and access** to care
- People at the centre
- Addressing the determinants of **health**
- **Whole of society** approach
- **Whole of government** approach
- Solutions that work and make a difference



# What is Health 2020?



**Health 2020 is a value-based action-oriented policy framework, adaptable to different realities in the countries of the WHO European Region.**

**Health 2020 is addressed to Ministries of Health but also aims to engage ministers and policy-makers across government and stakeholders throughout society who can contribute to health and well-being.**



# Health 2020 - a common purpose, a shared responsibility

## Health 2020 vision

A WHO European Region in which all people are enabled and supported in achieving their full health potential and well-being and in which countries, individually and jointly, work towards reducing inequities in health within the Region and beyond

## Health 2020 goal

To significantly improve health and well-being of populations, to reduce health inequities and to ensure sustainable people-centred health systems

## Health 2020 strategic objectives: stronger equity and better governance

1. Working to improve health for all and reducing the health divide

2. Improving leadership, and participatory governance for health

# Health 2020: Four common policy priorities for health

The four priority areas are interlinked and are interdependent and mutually supportive

Addressing the four priorities will require a combination of governance approaches that promote health, equity and well-being

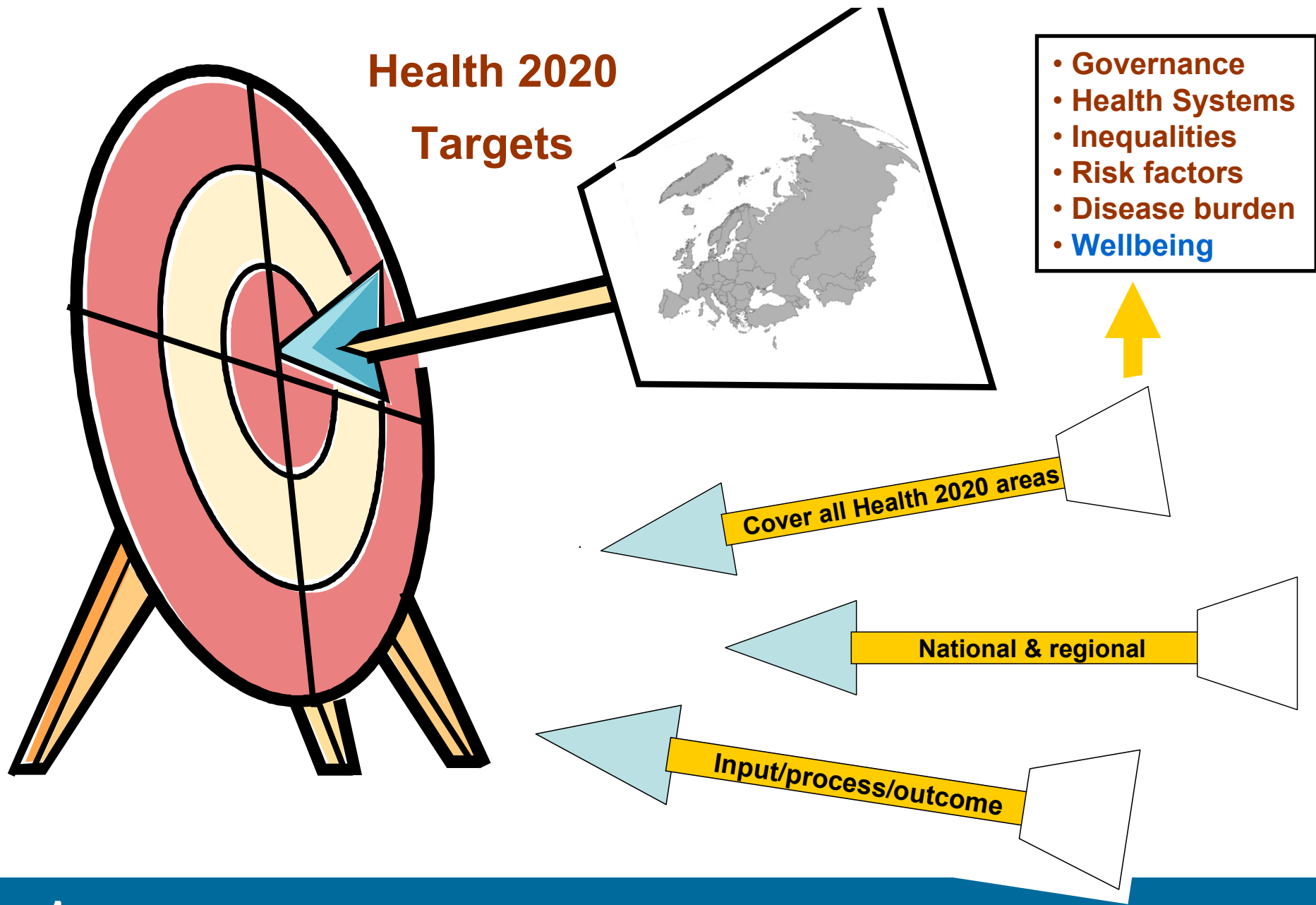
Investing in health through a life course approach and empowering people

Tackling Europe's major health challenges of non communicable diseases and communicable diseases

Strengthening people-centred health systems and public health capacities, and emergency preparedness

Creating supportive environments and resilient communities





# Targets should....

- Be few in number (10-12 maximum);
- Cover the three main areas of Health 2020:
  - Burden of disease and risk factors,
  - Healthy people, wellbeing, and determinants (life expectancy, inequalities, vulnerable groups),
  - Processes, including governance and health systems
- Be described as a REGIONAL, not national targets (although national efforts are encouraged)
- Be in line with global efforts (e.g. NCD action plan);
- Build on the target setting efforts of Health for All and Health 21.

## Setting targets for Health 2020 - proposal for the Regional Committee

Health 2020 area	Overarching' goals or targets	Content & quantification
1. Burden of disease and risk factors	1. Reduce premature mortality in Europe by 2020	1. <b>1.5%</b> relative annual reduction in overall mortality from cardiovascular disease, cancer, diabetes, and chronic respiratory disease until 2020 2. Achieve and sustain <b>elimination</b> of selected vaccine preventable diseases (polio, measles, rubella, prevention of Congenital Rubella Syndrome) 3. <b>30%</b> reduction in road traffic accidents by 2020
2. Healthy people, wellbeing and determinants	2. Increase life expectancy in Europe	Continued Increase in life expectancy at current rate coupled with <b>1) 50%</b> or <b>2) 25%</b> reduction in the difference in life expectancy between European populations by 2020
	3. Reduce inequities in health in Europe (social determinants target)	Reduce the gap in health status between population groups experiencing social exclusion and poverty and the rest of the population.
	4. Enhance well-being of the European population (to be further elaborated during 2012/13)	To be developed
3. Processes, governance and health systems	5. Universal coverage and "right to health"	Funding systems for health care guarantee universal coverage, solidarity and sustainability by 2020
	6. Member States set national targets/goals	National target setting processes established and targets formulated

Health 2020 area	'Overarching' goals or targets	Content & quantification	Justification	Potential menu of indicators (for which routine data exists, e.g. HFA)	Type of target	Link with Health 2020 Strategic objective	Link with Health 2020 Policy priority
1. Burden of disease and risk factors	1. Reduce premature mortality in Europe by 2020	<p>1. <b>1.5%</b> relative annual reduction in overall mortality from cardiovascular disease, cancer, diabetes, and chronic respiratory disease until 2020</p> <p>2. Achieve and sustain <b>elimination</b> of selected vaccine preventable diseases (polio, measles, rubella, prevention of Congenital Rubella Syndrome)</p> <p>3. <b>30%</b> reduction in</p>	<p>1. In line with global target setting effort in <u>NCDs</u></p> <p>2. In line with global efforts and resolutions</p> <p>3. Health 21</p>	<p>1a. Premature mortality per 100,000 from CVD, cancer, diabetes and CRD (43 countries)</p> <p>1b. Reduction in prevalence of daily tobacco smoking in population aged 15 years and over by 2020 (38 countries)</p> <p>1c. Reduction in episodes of heavy drinking by 2020 (align with global efforts)</p> <p>2a. % of children vaccinated against measles, polio and rubella (51 countries).</p> <p>3a. Standardized mortality rates per 100,000 from</p>	Outcome	1 – Improving health for all and reducing the health divide	2 – Tackling the Region's major health challenges of <u>NCDs</u> and CDs

**PLACEHOLDERS ONLY:**  
Final proposals from expert group meeting 18/19 June

Link country assessments with indicators for Health 2020?

## Assessment of HIS

in 6 areas, approx. 20 indicators



# Linking country assessment for the HIS with Health 2020

- Targets and indicators agreed by 53 Member States (MS);
- Indicators largely from routinely collected sources;
- Could focus on countries where indicators are a challenge;
- HIS would have immediate policy application (agreed by all MS) although broad;
- HIS would double up as monitoring platform for Health 2020;
- Several MS are investing in infrastructure for Health 2020.



- Develop definition and framework for well-being in the context of health;
- Advise on measurement and target setting for well-being;
- Form core of an international alliance to measure well-being (EC, OECD, Gallup, MoHs, etc)

**Next meeting  
of group:  
25/26 June  
2012**

## WHO/EURO initiative on measurement and target setting for well-being

First meeting of experts, 8-9 February 2012,  
Copenhagen

# Health Information Strategy for Europe:

## Framework 'menu'

What do we mean by:

- *Health* information?
- Evidence?
- Health information systems?
- Public (health) policy?
- ....

→ 'Menu' of definitions?



## Vision statement

Countries collect, analyse and interpret high quality health information in effective health information systems, and translate evidence into public (health) policy for the improvement of health outcomes.





## WHO's Mission

„...shall be the attainment by all peoples of the highest possible level of health.“

Source: WHO's Constitution

### WHO is responsible for:

- providing leadership on global health matters,
- setting norms and standards,
- providing technical support to countries,
- monitoring and assessing health trends,
- shaping the health research agenda,
- articulating evidence-based policy options.

**WHO is the lead agency to conduct these activities in a comprehensive way for all its Member States**

## Objectives, strategic goals and outputs of the strategy

The *strategic goals* may include:



Member States level	WHO Regional Office for Europe level
Capacity to collect, analyse and interpret high quality health information	Support countries to develop or enhance health information systems
Demonstrated use of health information and evidence for policy-making	Support countries to use health information and evidence for policy-making
Direct contribution to international comparisons of health information in Europe	Provide international comparisons of health information in Europe

The *outputs* of the strategy may include:

Member States level	WHO Regional Office for Europe level
	Detailed action plan for European Health Information Strategy
Publication of high quality health information reports	Publication of high quality European health information reports and provision of tools for reporting
Fully functioning electronic health information systems with appropriate linkages	Single European Health Information System hosted at WHO
Fully functioning mechanisms for the translation of evidence into policy and the evaluation of the impact of policies on health	Provision of tools and platforms for knowledge translation





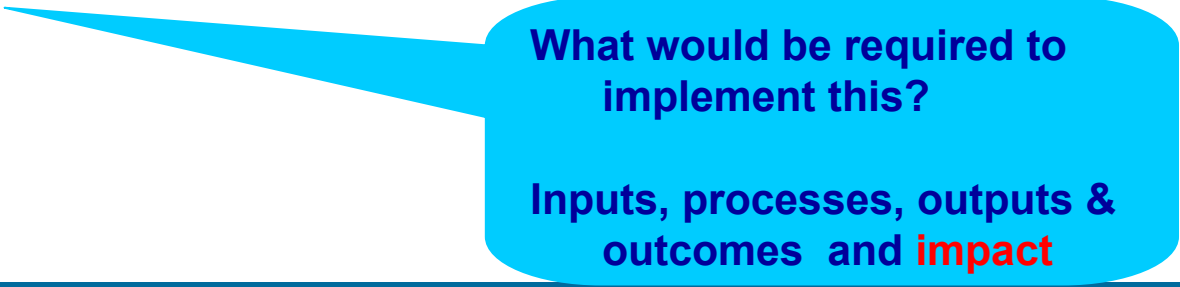
# Expected outcomes



Strategic goals 'broken down' & operationalized

**Member States use this strategy to plan for the:**

- Assessment and analysis of existing health information systems;
- Enhancement of existing or development of health information systems;
- Monitoring and evaluation of improvements in health information systems;
- Collation, analysis, interpretation and use of health information for policy-making;
- Tracking and mapping of health outcomes at country-level over time;
- Capacity building to support the above activities.



**What would be required to implement this?**

**Inputs, processes, outputs & outcomes and **impact****

# Impact

1. Adoption & monitoring of evidence-informed policies (incl. Health 2020)
2. Improvement of health outcomes and wellbeing in Europe



# Partnerships & collaborations

## Existing networks to be formalized and new partners to be added

- Relevant partners to date:
  - WHO EURO (incl. European Observatory) & headquarters
  - WHO Collaborating Centres
  - Other United Nations orgs (UNICEF, WB, United Nations Pop Division, others)
  - Member States (specifically SCRC)
  - International consortia on health information
  - EU (incl. ECDC, Eurostat, etc)
  - OECD
  - NGO sector – including Gallup
  - Academia (incl. EACHR, etc)
- New partnerships:
  - Industry? (particularly in ICT and Innovation)

## Monitoring & evaluation (M&E)

- Propose framework for M&E (including milestones) on inputs, process, outputs, and outcomes – this should be separate for EURO and MS;
- Assign EURO resources (incl. staffing) to M&E at year 1 (RC 63 – 2013) and beyond (evaluation will be externally conducted);
- Involve the European Advisory Committee on Health Research (EACHR) in M&E;
- Secretariat to report back regularly to RC and SCRC for its own accountability.

# Recommendation by Member States – establish an expert working group

## Terms of Reference:

- Advise on the content of the elaboration of the following elements of the framework:
  - Vision, mission statement, target audience and background;
  - Objectives, strategic goals, outputs and expected outcomes;
  - Elements required for implementation, partnerships, and evaluation;
  - Implementation plan and definition of indicators;
- Facilitate dialogue between Member States and health policy community on the elements of the framework, including its implementability;
- Advise on the consultation with Member States which is to be coordinated by the WHO Regional Office for Europe;
- Advise on the final version of the Health Information Strategy to be presented at RC63 (2013) or RC 64 (2014).

**Request for nominations to go out shortly**

# THE MAGIC ROUNDABOUT

## Ring road



**Thank  
you  
for  
your  
feedback**



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