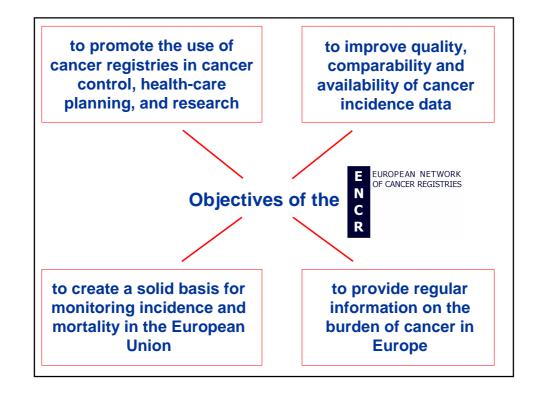


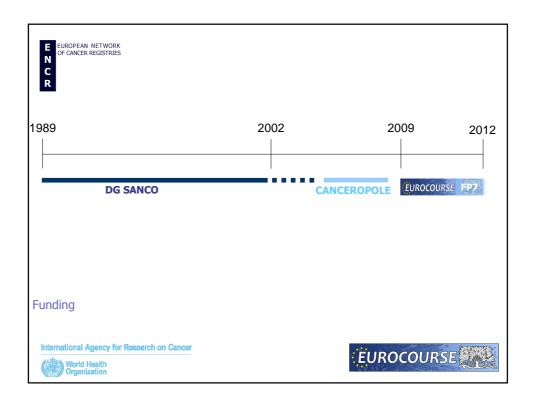
Background













# **Objectives:**

- to improve quality, comparability and availability of cancer incidence data, and thus strengthen the basis for monitoring cancer incidence and mortality;
- to provide regular and timely information on the burden of cancer;
- to develop a strategy for programme owners for monitoring cancer and for promoting research on cancer using existing databases.



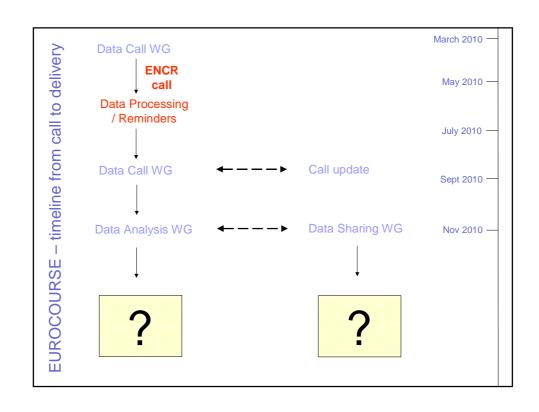


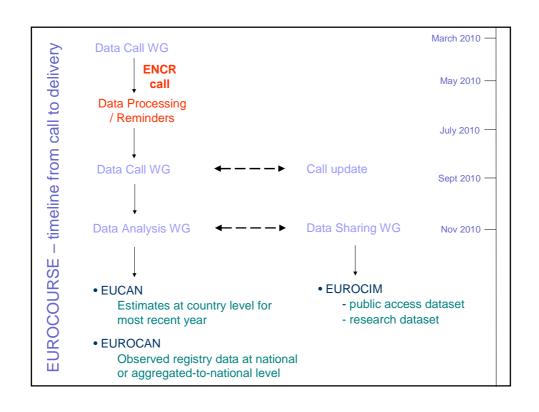
# WP4 The development, analysis, harmonization and exchange of European cancer registry data for monitoring cancer control

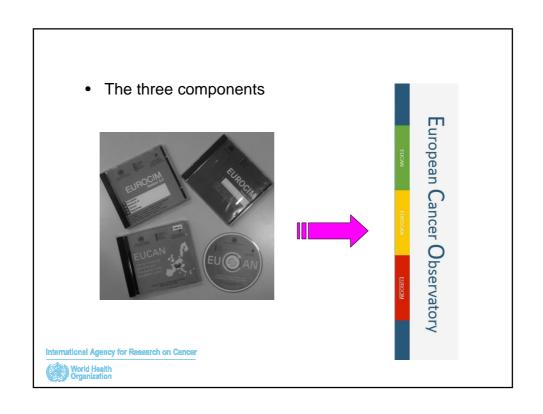
- Creation of a quality-controlled data submission mechanism to manage incoming and outgoing European registry data
- Develop analytic capacity to produce, from this data, key statistics and reports on the cancer burden in Europe
- Produce a public access dataset as well as a research dataset with more restricted access



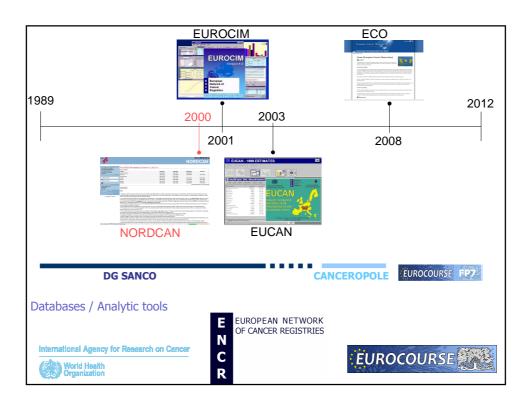




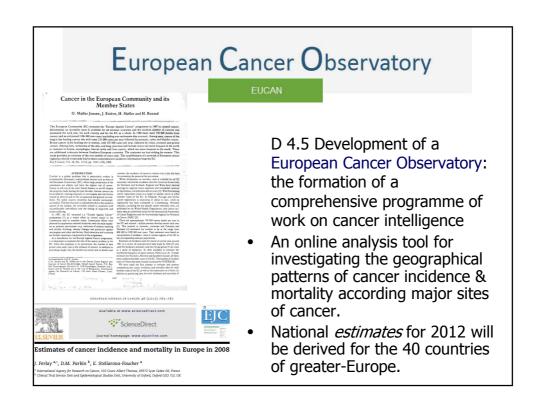












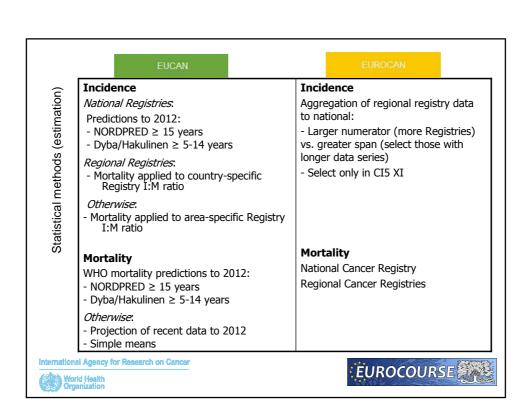
# European Cancer Observatory

**EUROCAN** 



D 4.5 Development of a European Cancer Observatory: the formation of a comprehensive programme of work on cancer intelligence

- Tabular and graphical analyses of country-specific patterns and trends on the basis of:
  - 1. recorded data from national registries or
  - 2. via aggregation of *recorded data* from regional registries to the national level.



### **EUCAN**

### EUROCAN

Presentation (graphics)

# Maps

- registration coverage in Europe
- mortality coverage based on WHO
- ASR/CR by country (2012)

# Bar charts (for 2012)

- Cancer-specific #/rates by country/sex
- Country-specific #/rates by cancer/sex

### Line charts

Age-specific incidence rates by country/cancer/sex

# Maps

- registration coverage in Europe
- span of data series by Registry
- ASR/CR by Registry\*

# Bar charts (for specified period)

- Cancer-specific rates by Registry/sex
- Country-specific rates by cancer/sex

### Line charts

Age-specific incidence rates by Registry/cancer/sex

- Trends
- Rates versus period by age
- Rates versus period by age
- ASR/CR versus period by country/cancer/sex

International Agency for Research on Cancer





# Web technology - in with the new..

# THE OLD

# Inconsistent design & layout of disparate websites

- Built in ASP old technology
- Export options are limited and user-unfriendly
- Options for modifying graph appearance limited
- Graphing technology outdated
- Poor validation empty graphs / tables can appear

# **THE NEW**

- New websites built from scratch
- Built-in ASP.Net technology (.Net 2.0)
- Single, consistent point of entry for EUCAN, EUROCAN, EUROCIM
- Uses current UI design technologies
  - JQuery, AJAX and MooTools
- Tables and graphs:
  - Dynamic appearance editing (fonts, sizing, themes etc.)
  - Based on dynamically generated XML & built-in Microsoft Reporting Services (RDLC)
  - Graphs based on FusionCharts & PowerCharts

# European Cancer Observatory

EUCAN

**EUROCAL** 

FUROCIN

# **EUCAN 2012**

- online analysis tool for investigating:
  - patterns of incidence & mortality
  - By country & cancer site
  - for most recent year available
- National *estimates* for 2012 for the 40 countries of greater-Europe.

### **EUROCAN**

- online analysis tool for investigating:
  - time trends in incidence & mortality
  - by country & cancer site
  - for available data series
  - 1. Recorded data from national registries, or
  - 2. Via *aggregation* of *recorded* data from regional registries (to the national level).

### **EUROCIM**

- A data extraction tool:
  - Public access dataset
  - · Research dataset

Future steps / Timeline







# **Future steps**

- EUCAN
  - Update of incidence and mortality estimates for 2012.
    - Methods for estimating national incidence → EUROCOURSE WP3 WG
- FUROCAN
  - · Inclusion criteria
    - Representativeness of national vs. regional registries → EUROCOURSE WP3 WG
- EUROCIM
  - Public and research datasets content and to whom
    - Data Sharing and Ownership WP4 WG
- Integration of components of European Cancer Observatory
  - Further analyses: predictions 2015-2030 (incidence and mortality)
  - Other indicators: Prevalence Survival DALYs
- · Establish:
  - · Beta-testing group
  - EUROCAN Steering Group
    - · Springboard for research?
- Communication
  - EUROCOURSE Executive Board, ENCR Steering Committee and ENCR Members
  - · Other Networks

# **Tentative timeline to launch**

- June-Dec 11: development of ECO
- · Oct 11: beta-testing group established
- Nov 11: beta-testing (EUROCAN)
- Dec 11: beta-testing (EUCAN)
- Jan 11: beta-testing (EUROCIM)
- Feb 11: ECO steering group appointed
- Feb 11: ECO trial version to ENCR Members
- Apr 12: launch of ECO





