

# How far have we come?

## Measuring eHealth progress in EU and EEA Member States

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## Outline

- **Study objectives**
- **Methodology**
- **Draft country reports**
- **Preliminary results**
- **Lessons learned**
- **Next steps**


## Overview & Objectives

- **Update of eHealth ERA (2006/2007) analyses of national eHealth policies and implementations**
- **Objectives**
  - **Describe, measure and assess**
    - national eHealth policies, strategies and implementation measures
    - progress achieved, focusing on selected eHealth Action Plan priorities
  - **Identify good practice cases of national activities**
- **Output**
  - **Country reports**
  - **European overview and progress report / brochure**

# Methodology

- **Survey of national status via online questionnaire**
  - **Guiding principle: EU eHealth Action Plan priorities**
  - **Structured questions in 6 main domains on plans, initiatives, achievements:**
    1. National eHealth strategy (documents, foci, ...)
    2. Key eHealth infrastructure elements and applications
    3. Legal and Regulatory Facilitators
    4. Administrative and Process Support
    5. Financing and Reimbursement Issues
    6. Evaluation initiatives
  - **Drop-down menus**
  - **Free-text fields**
  - **Detailed handbook for guidance**
  - **Collection of references, background material, contacts to national experts**
- **European Network of National Correspondents**

# Information gathering: online questionnaire



The screenshot shows the eHealth Strategies online questionnaire interface. At the top left is the eHealth Strategies logo. To the right are navigation buttons: Search for sources, Notification, Logoff, Export, Statistics, Categories, Text fields, Users, and Manage CS form. Below the navigation is a search bar with a magnifying glass icon. On the left side, there is a 'SEARCH SOURCES' section with a 'Search for words' input field, a 'Refine Search' button, and 'Page settings' with 'Adjust your fontsize:' and 'A+', 'A', 'A-' buttons. The main content area has a 'back' button and a 'print' button. The 'General Information' section contains a welcome message and instructions: 'Please be aware of the fact that you are logged off by the server after some time. Therefore we ask you to save your entries on a regular basis!', 'Please take a minute to go through the entire questionnaire in order to familiarise yourself with the sequence of questions before you start answering any of them.', 'Please remember to reference as much as possible concerning any information provided. Use the icons on the right border of the textboxes to upload images, documents and urls.', 'If you have extensive text to include in the textbox, we recommend to draft this text in a word document and then copy and paste it into the box.', and 'For further explanations please have a look at the [Survey Guide](#). For every section you will again have the opportunity to follow a link (just click on the headline) to the relevant chapter of the Survey Guide.' Below this is a 'Country' dropdown menu with 'Finland' selected.

Please save your input every 30 minutes!

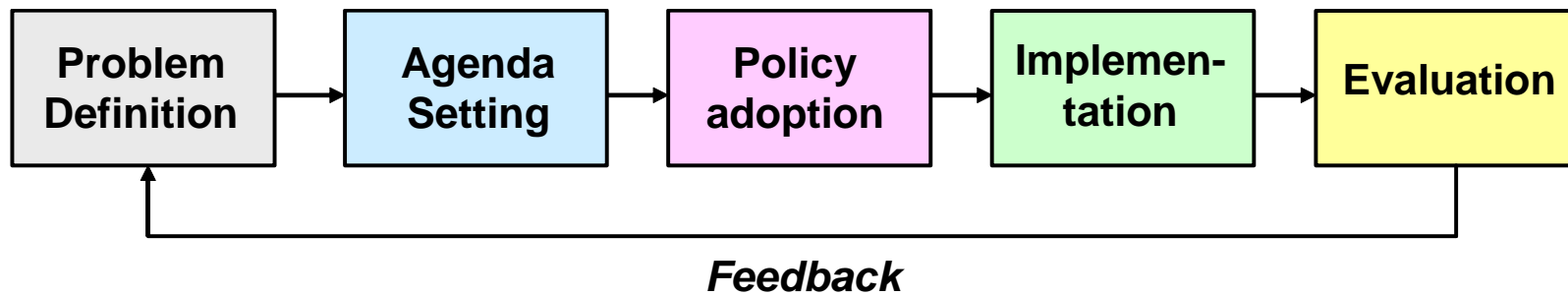
## 1. National eHealth Strategy

### National Document

1.1 Is there a national document or piece of legislation addressing the eHealth strategy of your country?

If there is more than one relevant document, please start with the one which you think is most relevant, then fill in the other(s) in one of the following question slots and/or free text boxes.

# The policy-cycle



# Country report structure

## Main chapters:

- 1 Introduction**
- 2 National health system**
- 3 eHealth setting in the country**
- 4 eHealth Strategies survey results**
  - 4.1 eHealth policy action**
  - 4.2 Administrative and organisational structure**
  - 4.3 Deployment of eHealth applications**
  - 4.4 Technical aspects of implementation**
  - 4.5 Legal and regulatory facilitators**
  - 4.6 Financing and reimbursement issues**
  - 4.7 Evaluation: results, plans, activities**
- 5 Outlook**

## Chapter 4: eHealth survey results

### 4.1 eHealth policy action

### 4.2 Institutional and process support structure(s)

### 4.3 Deployment of eHealth applications

#### 4.3.1 Patient summary and electronic health record (EHR)

#### 4.3.2 ePrescription

#### 4.3.3 Telemedicine

### 4.4 Infrastructure aspects of national implementation

#### 4.4.1 Unique identification of patients

#### 4.4.2 Unique identification of health professionals

#### 4.4.3 The role of eCards

#### 4.4.4 Standards

### 4.5 Legal and regulatory facilitators

### 4.6 Financing and reimbursement issues

### 4.7 Evaluation and feedback: results, plans, activities

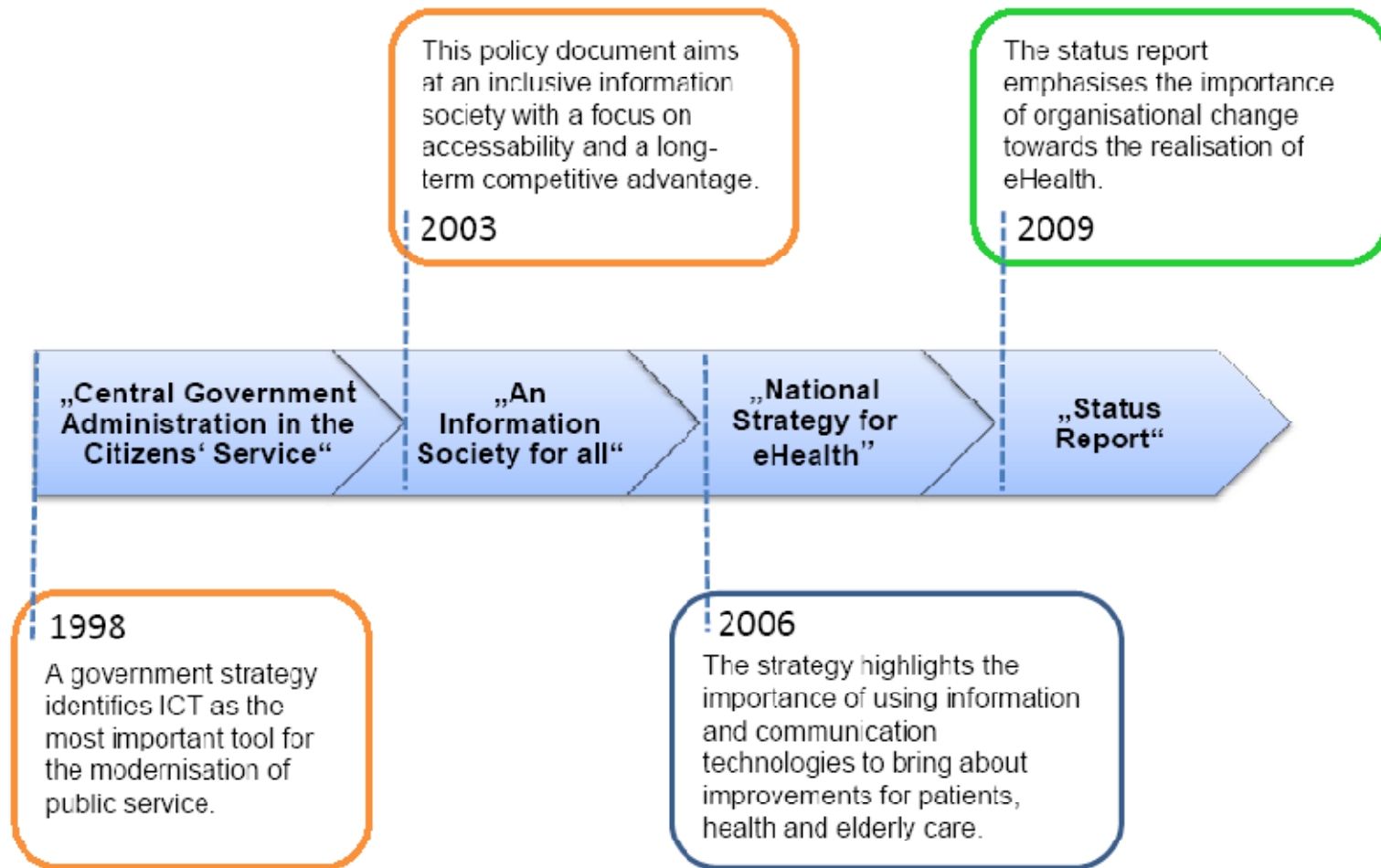
## Preliminary results (example)

# Types of national eHealth policy documents

- **Separate policy document - dedicated eHealth Strategy, Action Plan or Roadmap**  
*(SE: National Strategy for eHealth, FI: eHealth Roadmap for Finland)*
- **Included in eGovernment strategy**  
*(IS: Iceland the e-Nation)*
- **Part of Information Society strategies**  
*(MT: National ICT Strategy for Malta)*
- **No specific document, incorporated in legal & regulatory documents dealing (also) with health service provision**  
*(DE: healthcare modernisation law, FR: social security law)*

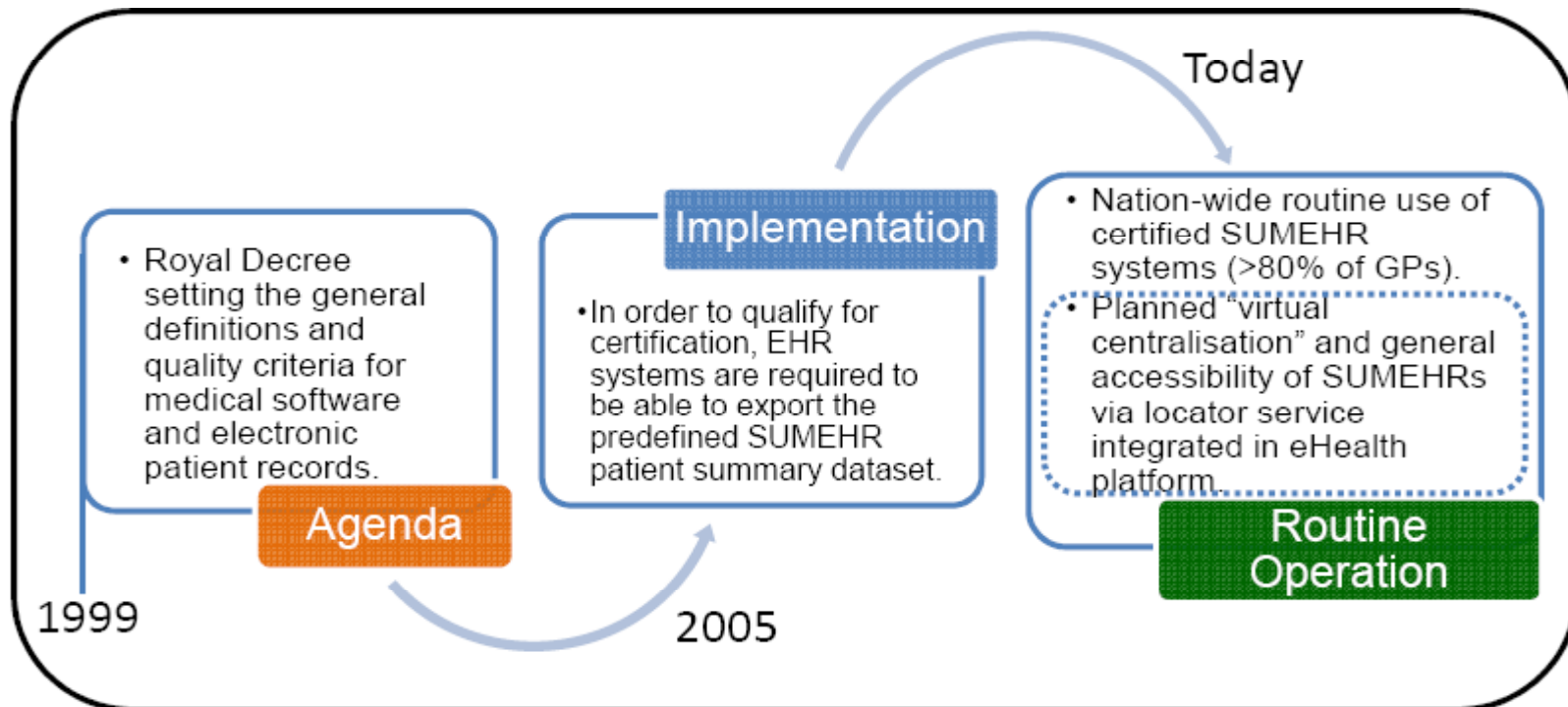
# Illustrating trends

## eHealth policy documents: e.g. Sweden



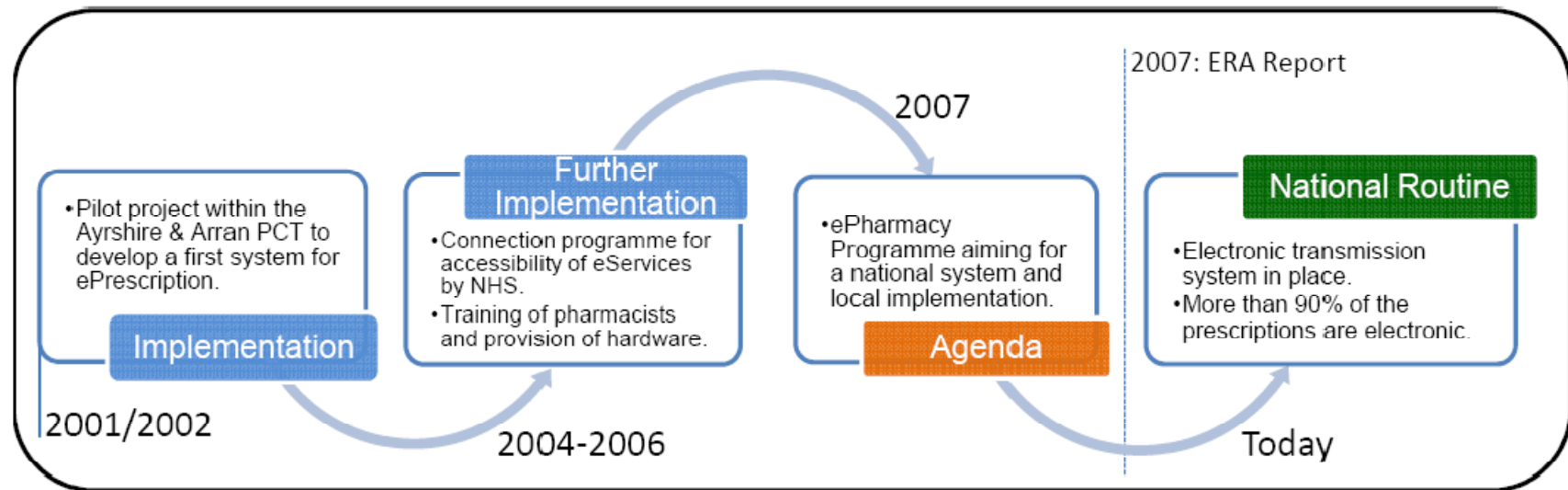
# Patient Summary / EHR: key eHealth application in many countries

## example Belgium



# Illustrating trends ePrescription

example UK, Scotland



## Priority and activity fields mentioned in national policy documents

preliminary results

Reported eHealth activities	Total 2007 eH ERA	Total 2010 eH Strategies	DELTA
EHR/Patient summary	27	27	+0
Standards (technical and semantic)	19	25	+6
ePrescription	16	18	+2
Citizen card	22	23	+1
Professional card	7	10	+3
Patient ID	24	26	+2
Professional ID	13	17	+4
Telemedicine	23	27	+4
Evaluation	5	13	+8
Legal Activities	14	18	+4

## Some lessons learned:

**Countries seem to be successful which:**

- **have a coherent policy strategy**, which includes different eHealth applications
- **include GPs**, hospitals and patients from the **beginning** and work with existing systems
- **manage to adapt the legal and financing framework quickly**
- **adopt an incremental approach**
- **have large-scale pilots in combination with an evaluation**

## Next steps for the study

- **Currently: finalisation of draft country reports**
- **June 2010: feedback from representatives of the i2010 subgroup on eHealth**
- **July 2010: drafting of the European level progress report**
- **Autumn 2010: release of the final reports together with a summary brochure**

## Thank you for your attention!

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