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*Naložba v vašo prihodnost*  
OPERACIJO DELNO FINANCIRA EVROPSKA UNIJA  
Evropski socialni sklad

# eHealth PROJECT IN SLOVENIA





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# FORMAL FRAMEWORK OF THE PROJECT

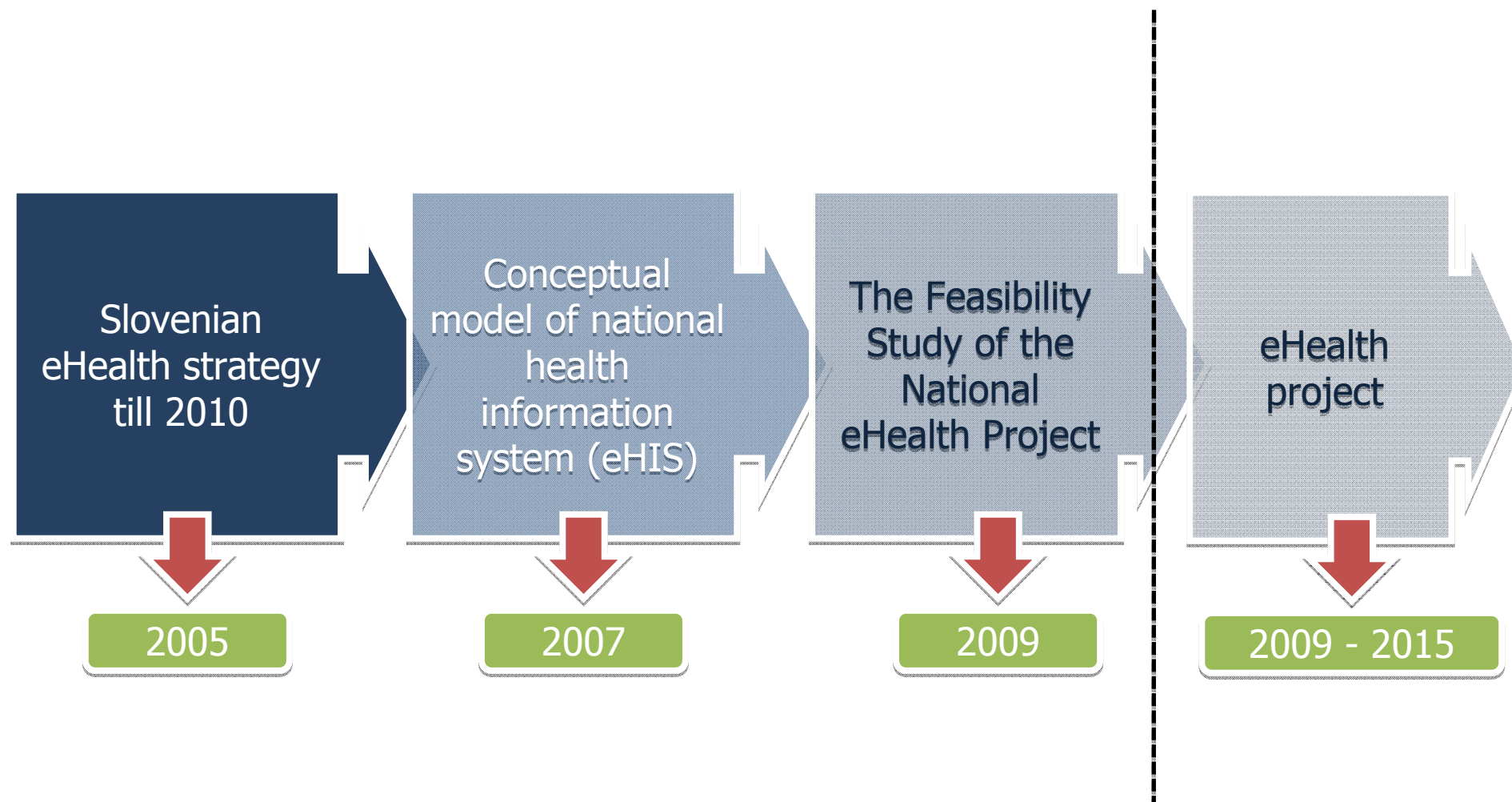
- **Project name:** eZdravje (eHealth)
- **Project duration:** September 2008 – June 2015
- **Number of (sub)projects:** 18 + sample (pilot) projects
- **Number of current active projects:** 11 (including sample projects)
- **Sources of funding:** European social fund, Budget of the Ministry of Health, other public funds
- **Estimated value of the project (until 2015):** approximately 67 million €
  - *European social fund: 27.042.167 €*
  - *Budget of Ministry of Health: 25.967.468 €*
  - *Other public funds: 14.551.000 €*
- **Estimated value of the investment (until 2023):** approximately 133 million €

## STRATEGIC GOALS OF THE PROJECT

- Increasing active role and responsibilities of citizens for their health care
- Improved access to all necessary information and ability of citizens to participate in the development of qualitative health care services
- Providing secure and reliable access to all key patient information for all health care providers, GPs, specialists, pharmacists within EHR and other data sets.
- Easier planning and management within health organizations or health care sector as a whole on the grounds of qualitative and authentic economic, administrative and clinical data
- Improved access to health care services for groups of people which are usually excluded due to their reduced abilities, age or any other reason.

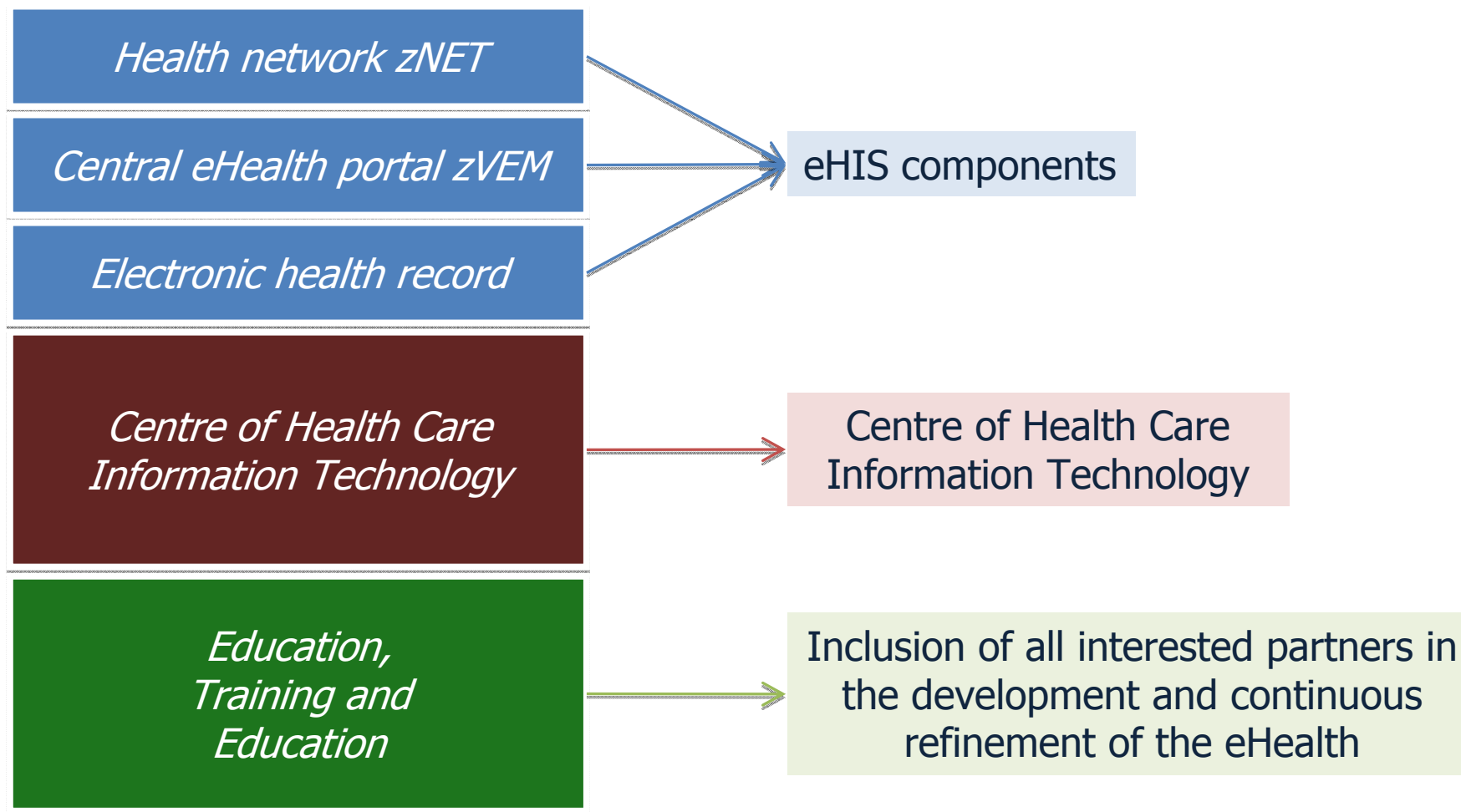


# MAIN STARTING POINTS





# eHEALTH PROJECT STRUCTURE



## eHIS COMPONENT - ZVEM

- **zVEM – the national eHealth portal**

- Central eHealth portal
- Search, exchange and provide health care information and data
- Secured and controlled use of national eHealth services

- **Planned projects**

- Framework and basic services of the portal
- National waiting lists and eReferral
- Telemedicine and Telecare
- Personal health record
- Knowledge base and information about Health care (Disease information, etc)
- Health data access control
- Health care quality monitor
- Reporting, health care statistics, quality data
- Exchange of eDocuments (ePrescription, eDischarge Letter, eReferral ...)

- **Plan 2010**

- framework and basic services of the portal
- national waiting lists and eReferral
- implementation of exchange of some eDocuments



## eHIS COMPONENT - EHR

- **Standardized structure of electronic health care records EHR**
  - refers to individual citizens,
  - parts of the EHR shall be collected by the health provider who treats citizen,
  - the administrator of the main EHR for citizen is his selected general practitioner,
  - the critical data and pointers to the locations of the EHR for citizen are expected to be kept in the central registry (Patient summary)
- **Planned project**
  - National information model (EHR model)
  - Establishment of national EHR (including patient summary)
  - Implementation of standards
- **Plan 2010**
  - the development of a EHR model
  - setting standardization process



## eHIS COMPONENT - ZNET

- **zNET - the national eHealth network**
  - which ensures secure exchange of health care data,
  - reliable and suitably efficient,
  - flowing environment for the data exchange
- **Plan 2009 / 2010**
  - December 2009 central equipment and approx 250 end points in 2010



# CENTRE FOR INFORMATION TECHNOLOGY IN HEALTH CARE (CIZ)

- **Establishment of CIZ**

- The central entity of the star-like structure of eZIS
- Project management of the development of strategic infrastructure components (zVEM, zNET, EZZ),
- Central support to the national projects,
- Administrator and distributor of good practices

- **Plan 2010**

- Legal framework for establishment of CIZ

# PROMOTION, TRAINING AND EDUCATION

- **Improvement health care process for all groups**
  - different target groups
  - different forms PTE activities realization
  - different areas of knowledge
- **Planned activities**
  - Promotion of eHealth
  - Training for general areas of work and knowledge (ICT security, project management BPR ...)
  - Training and education for use of specific eHealth services for different target groups
- **Plan 2009 / 2010**
  - ICT security and reliability
  - Project management
  - Business process reengineering

## COMPLEMENTARY PROJECTS

- **Redesign of current health insurance card (HIC)**
  - The Health Insurance Institute of Slovenia
- **New HIC**
  - Allows also the storage of digital certificates.
  - The new HIC is an access key and no longer a data carrier
  - Access to data in the network is only possible with an HIC → patient consent
- **New HPC**
  - Each HPC is a digital certificate carrier: Enabling secure e-communications.
  - The physician's and pharmacist's HPC is the carrier of a qualified certificate: enabling e-signatures, equal to hand-written signatures.
  - The new HPC enables secure e-communications in the health care sector.

## BENEFITS OF NEW HIC AND HPC

- **For citizens**

- Increased confidence and independence through comprehensive security measures and access to their own data
- Simplified procedures (no card updates ...)

- **For healthcare workers**

- Less time for administrative processes
- Additional administrative data for communication between healthcare workers
- Additional medical data for increased quality of treatment

- **For health insurance providers**

- Better control of health insurance status and rights of insured persons

- **For all**

- Reliable, secure and open infrastructure for eHealth