



REPUBLIC OF SLOVENIA  
COURT OF AUDIT

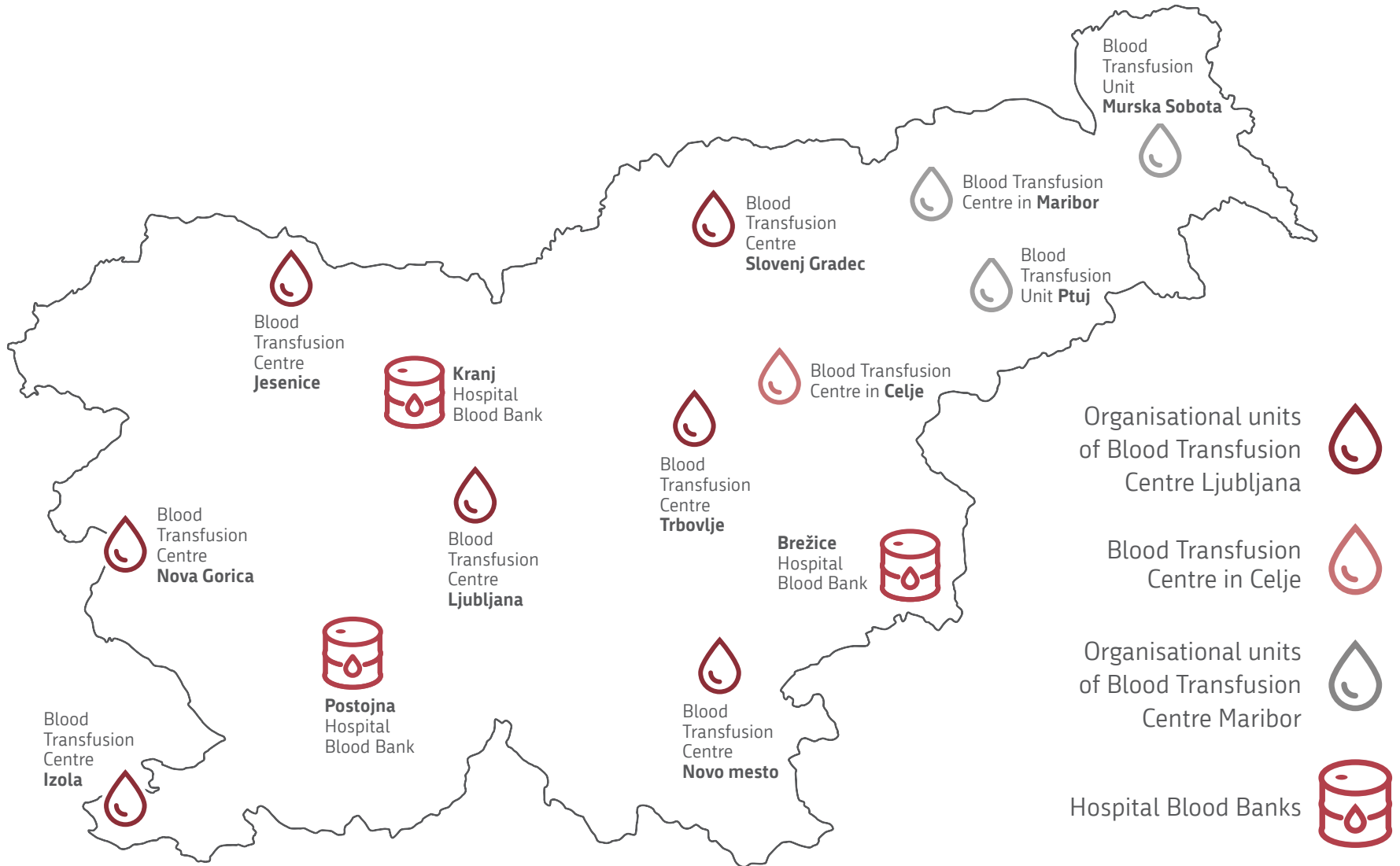
# AUDIT REPORT

## Setting up a unified IT system supporting blood transfusion services

**Performance Audit**

Audited period: 1 January 2009 to 30 April 2016

# Blood supply in the Republic of Slovenia



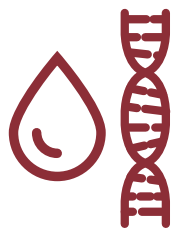
# Scope of work of the Blood Transfusion Centre of Slovenia



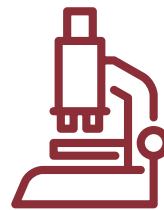
**70,000**  
blood donors  
per year



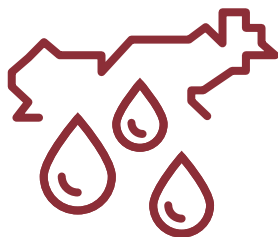
**100,000**  
units of blood  
products per year



**5,000**  
different  
therapeutic  
services



**310,000**  
different tests  
for patients and  
external users



**Blood Transfusion Centre of Slovenia** should manage **unified IT system** supporting transfusion services in line with the Blood Supply Act.

## THE EXISTING SYSTEM

The existing transfusion IT system was introduced in  
**1990**

- ➖ **Not optimal** from the **information security** point of view
- ➖ Demands the **data to be typed and manually processed**
- ➖ Demands many **manual controls** to provide **patients' safety**
- ➖ **Limited possibilities of data exchange** with other information systems and medical devices
- ➖ **Does not support all areas of work** at the Blood Transfusion Centre

**2000**  
last major upgrading  
of the existing  
IT system

**2006**  
adopted  
**Blood Supply Act**  
foreseeing the  
IT system

**2011**  
public  
procurement  
successfully  
completed

**2017**  
setting up of  
the IT system not  
yet completed

1990

1995

2000

2005

2010

2015

# Public procurement and setting up new unified transfusion IT system

## PUBLIC PROCUREMENT

- ✓ **Detailed** and transparent functional and technical **demands**
- ✓ **Contract fully protecting interests** of Blood Transfusion Centre of Slovenia
- ✓ **Best value for money** tender for setting up and 5-year maintenance of the new IT system amounting to **€ 1,449,500**



Blood Transfusion Centre of Slovenia **was efficient in building new IT system**

## SETTING UP THE IT SYSTEM

- **The selected solution** was partially different from the one in the tender – **not supporting work of the laboratories**
- **Blood Transfusion Centre did not follow some best practices** of project management
- **Introduction of the system** at other blood supply services **was not clear**
- ✓ Blood Transfusion Centre **paid only 7%** of contractual value of the solution and **had full control over the costs**



Kljub temu zavod **pri izvajanju projekta vzpostavitve** novega informacijskega sistema **ni bil uspešen**