



City hospital in Amsterdam, with main locations in Oost and West.

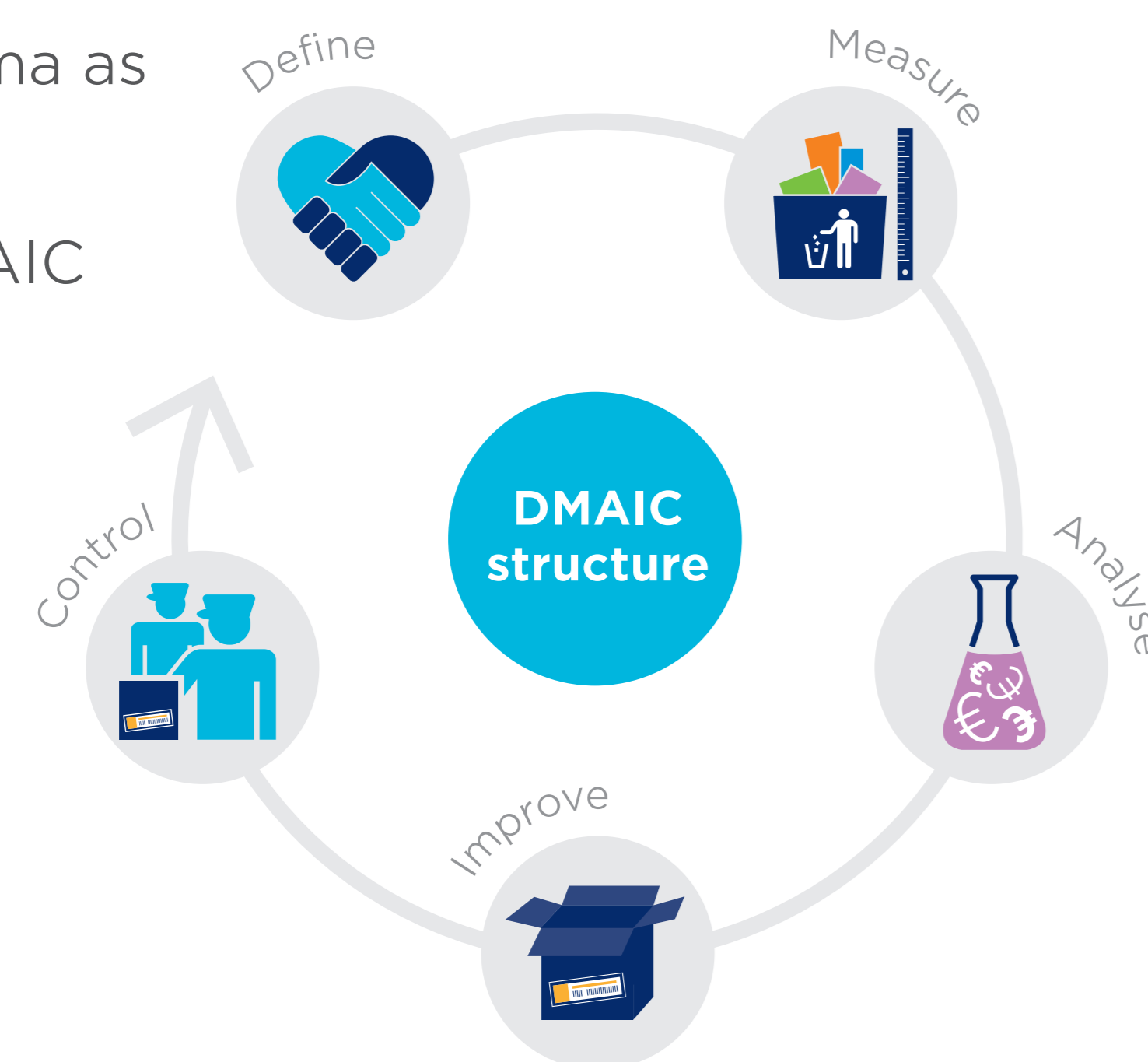
- 5700 employees
- 500.000 patients each year

## Background

- High waste of materials
- Insufficient knowledge of what was in stock at operating theatres. At start: **value 1.4 million euros**
- Need for more organized inventory process

## Approach

Lean Six Sigma as improvement method, DMAIC structure



**100% traceability = increased patient safety**



**Cost savings > €100.000,- every year**



## Solution

- Using GS1 standards for the identification of medical devices
- Stock monitoring system
- Ordering by logistics team
- Training of employees



## Results

- 100% traceability
- Reliable recalls
- Cost savings: > €100.000 every year
- Shorter processing and registration times
- Automated ordering process
- Less waste caused by lapsing of expiry dates (-80%)
- Uncluttered workspace

## Next steps

Roll-out across every specialism and the instrument nets are also being scanned.

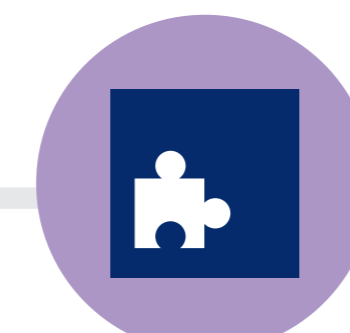
### Future:

- Blood products and costly disposables
- Roll-out at the Oost location

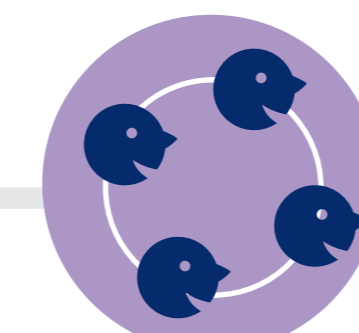
## Lessons learned



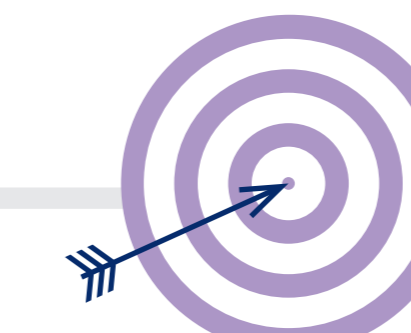
1. **Start with one specialism**



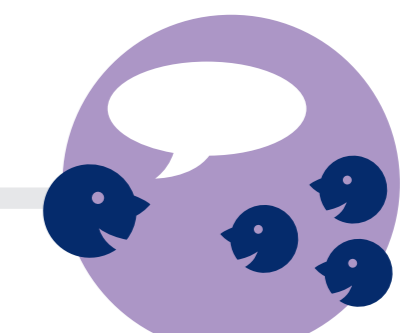
2. **Start small**



3. **Select and involve the right stakeholders**



4. **Set clear objectives**



5. **Communicate the results**