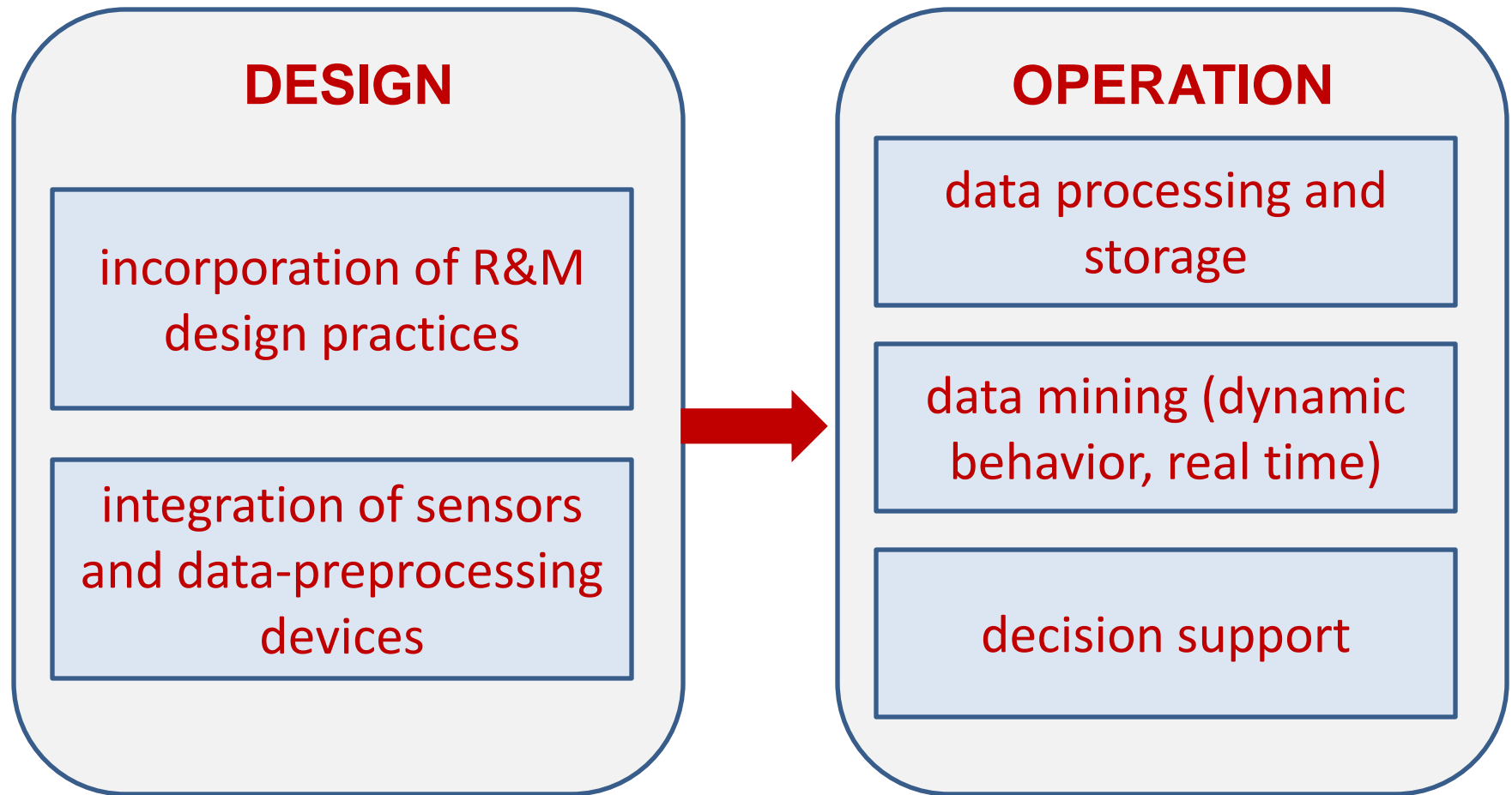


Objectives

- 1.development of preventive maintenance methods based on intelligent methods for collecting and organising data
- 2.development of reliability and maintainability design practices at early design stage
- 3.integrating sensors and data pre-processing capabilities into the product
- 4.development of new datamining methodologies for detection of potential failure, stoppage and reducing repair cost

Expected Results

- 1.reduction in the downtime of equipment 15%
- 2.energy saving by 20%
- 3.labor cost saving from overtime by 40%



- Previous Experience
 - Maintenance Planning and Scheduling – Mitsubishi Corporation, Japan
 - Data Mining for Dynamic, Mixed-Data and Multi-Group Systems
 - Design of Manufacturing Equipment
 - Sensor Networks
 - Wireless Communication Networks
 - Integration with ERP including MRP
 - 3 FP7 Projects: 2 Regions of Knowledge, 1 PPP:FI

- Partners Sought
 - Equipment Manufacturers
 - SMEs in manufacturing sector
 - Research Organizations