

BIMP is a fast and simple web-based user interface to simulate business process models using the QBP Simulator.

See the [getting started guide](#) to read more about the features. BIMP can be used for free for academic and trial purposes. Choose the version below:

- Academic
- Trial
- Members

BIMP - Academic

Academic version of BIMP is supported by University of Tartu and the Estonian Research Council.

Active BPMN file

TO-BE (2).bpmn

BPMN Diagram with results heat map

Save results

Save scenario

Back to edit data

Simulation Results

General information

Completed process instances 10000

Total cost 0 EUR

Total simulation time 49.6 weeks

Charts

Process cycle times including off-timetable hours

0 s - 55 s

55 s - 1.8 m

1.8 m - 2.8 m

2.8 m - 3.7 m

3.7 m - 4.6 m

0

5,000

10,000

Process cycle times excluding off-timetable hours

0 s - 55 s

55 s - 1.8 m

1.8 m - 2.8 m

2.8 m - 3.7 m

3.7 m - 4.6 m

0

5,000

10,000

Process waiting times

0 s - 1 s

9,999

10,000

10,001

Process costs (EUR)

0 - 1

9,999

10,000

10,001

Resource utilization %

Information Systems Manager

Data Analyst

Data Entry Clerk

ML Engineer

0.00

0.02

0.04

0.06

Scenario Statistics

	Minimum	Maximum	Average
Process instance cycle times including off-timetable hours	0 seconds	9 minutes	1.7 seconds
Process instance cycle times excluding off-timetable hours	0 seconds	9 minutes	1.7 seconds
Process instance costs	0 EUR	0 EUR	0 EUR

Activity Durations, Costs, Waiting times, Deviations from Thresholds

Name		Waiting time			Duration			Duration over threshold			Cost		Cost over threshold			
	Count	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
DATA ANALYST: CHECK DATA BALANCING	3	0 s	0 s	0 s	12.3 s	12.3 s	12.3 s	0 s	0 s	0 s	0	0	0	0	0	0
DATA ANALYST: CHECK DATA QUALITY	3	0 s	0 s	0 s	25.4 s	25.4 s	25.4 s	0 s	0 s	0 s	0	0	0	0	0	0
DATA ANALYST: COMPARE THE TARGETS PROVIDED BY THE INGESTION SYSTEM AND BY THE BASE STATION	6	0 s	0 s	0 s	6.5 s	6.5 s	6.5 s	0 s	0 s	0 s	0	0	0	0	0	0
DATA ENTRY CLERK:
ANALYZE MISSION SPECIFICS	6	0 s	0 s	0 s	4 s	4 s	4 s	0 s	0 s	0 s	0	0	0	0	0	0
DATA ENTRY CLERK:
REGISTER NEW MISSION	6	0 s	0 s	0 s	5 s	5 s	5 s	0 s	0 s	0 s	0	0	0	0	0	0
FOREST FIRE INSPECTOR: NOTE DOWN TARGETS	519	0 s	0 s	0 s	29.5 s	29.5 s	29.5 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
CONFIGURE DEVELOPMENT SYSTEM	9	0 s	0 s	0 s	13.6 s	13.6 s	13.6 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
CONFIGURE EXECUTION SYSTEM	9	0 s	0 s	0 s	13.6 s	13.6 s	13.6 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
CONFIGURE INGESTION SYSTEM	9	0 s	0 s	0 s	13.6 s	13.6 s	13.6 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
CONFIGURE MONITORING SYSTEM	9	0 s	0 s	0 s	13.6 s	13.6 s	13.6 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
CONFIGURE PREPARATION SYSTEM	9	0 s	0 s	0 s	13.6 s	13.6 s	13.6 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
CONFIGURE SEGREGATION SYSTEM	9	0 s	0 s	0 s	13.6 s	13.6 s	13.6 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
LAUNCH DEVELOPMENT SYSTEM	9	0 s	0 s	0 s	3.3 s	3.3 s	3.3 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
LAUNCH EXECUTION SYSTEM	9	0 s	0 s	0 s	3.3 s	3.3 s	3.3 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
LAUNCH INGESTION SYSTEM	9	0 s	0 s	0 s	3.3 s	3.3 s	3.3 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
LAUNCH MONITORING SYSTEM	9	0 s	0 s	0 s	3.3 s	3.3 s	3.3 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
LAUNCH PREPARATION SYSTEM	9	0 s	0 s	0 s	3.3 s	3.3 s	3.3 s	0 s	0 s	0 s	0	0	0	0	0	0
INFORMATION SYSTEM MANAGER:
LAUNCH SEGREGATION SYSTEM	9	0 s	0 s	0 s	3.3 s	3.3 s	3.3 s	0 s	0 s	0 s	0	0	0	0	0	0
IT CONSULTANT:
ACCEPT MISSION REQUEST	6	0 s	0 s	0 s	10.7 s	10.7 s	10.7 s	0 s	0 s	0 s	0	0	0	0	0	0
ML ENGINEER: ADJUST NUMBER OF GENERATIONS	9	0 s	0 s	0 s	27.3 s	27.3 s	27.3 s	0 s	0 s	0 s	0	0	0	0	0	0
ML ENGINEER: ADJUST NUMBER OF GENERATIONS	1	0 s	0 s	0 s	27.3 s	27.3 s	27.3 s	0 s	0 s	0 s	0	0	0	0	0	0
ML ENGINEER: CHECK TEST ERROR AGAINST TEST ERROR TOLERANCE	3	0 s	0 s	0 s	34.1 s	34.1 s	34.1 s	0 s	0 s	0 s	0	0	0	0	0	0
ML ENGINEER: CHECK TRAINING ERROR PLOT	13	0 s	0 s	0 s	34.1 s	34.1 s	34.1 s	0 s	0 s	0 s	0	0	0	0	0	0
ML ENGINEER: SELECT BEST MODEL	3	0 s	0 s	0 s	27.3 s	27.3 s	27.3 s	0 s	0 s	0 s	0	0	0	0	0	0

