

	Case Name: JobFair Gent	Sector	Event management	
	OR-AS Operations Research - Applications and Solutions www.or-as.be info@or-as.be	Baseline schedule	Schedule with resources	
			Schedule with costs	
		Risk analysis	Random Simulation	
Submitted by	Mayté & Thymo		One of nine std. scenarios	
Date	2017		User defined distributions	
File Name	C2017-05 JobFair Gent	Project Control	Automatic tracking	
			Tracking based on user input	

## 1. Project description

Project Authenticity

The project consists of *activity*, *resource* and *cost* data that were obtained directly from the actual project owner.

## 2. Project properties

### 2.1. Baseline schedule

General	
# Activities	30
Planned Duration (PD)	126 days*
Budget at Completion (BAC)	€ 34.720,00
Renewable Resources	6
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	41%
Activity Distribution (AD)	54%
Length of Arcs (LA)	0%
Topological Float (TF)	54%

\* Standard eight-hour working days

### 2.2. Risk analysis

Random simulation by ProTrack was performed using the default symmetric triangular risk distribution profiles.

	Cost sensitivity		
	avg (%)	std dev (%)	skew (-)
CRI-r	16,17	15,22	1,9
CRI-rho	17,18	14,60	1,8
CRI-thau	12,93	12,41	1,4

	Time sensitivity	
	avg (%)	std dev (%)
CI	24,1	35,3
SI	50,0	34,6
SSI	6,9	15,4
CRI-r	13,8	14,0
CRI-rho	14,7	13,3
CRI-thau	12,1	12,4

	Resource sensitivity		
	avg (%)	std dev (%)	skew (-)
CRI-r	33,33	25,40	1,4
CRI-rho	34,17	25,61	1,3
CRI-thau	23,00	20,83	1,7

skew (-)
1,4
0,2
2,9
2,2
2,1
1,5