

	Case Name: C2017-04	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	Project Control	User defined distributions	
File Name	C2017-04		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	49
Planned Duration (PD)	148 days*
Budget at Completion (BAC)	€ 78.350,00
Renewable Resources	1
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	45%
Activity Distribution (AD)	31%
Length of Arcs (LA)	7%
Topological Float (TF)	35%

\* 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	0,00	0,00	N/A
CRI-rho	100,00	0,00	N/A
CRI-thau	100,00	0,00	N/A

	Resource sensitivity		
	avg (%)	std dev (%)	skew (-)
CRI-r	0,00	0,00	N/A
CRI-rho	100,00	0,00	N/A
CRI-thau	100,00	0,00	N/A

	Time sensitivity		
	avg (%)	std dev (%)	skew (-)
CI	26,5	44,1	1,1
SI	9,4	16,7	3,8
SSI	6,0	12,8	2,9
CRI-r	9,5	13,4	2,5
CRI-rho	23,1	19,7	0,6
CRI-thau	43,1	34,3	0,9