

	Case Name: C2018-07	Sector		
	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	
			One of nine std. scenarios	
Submitted by	Mayté & Thymo		User defined distributions	
Date	2018	Project Control	Automatic tracking	
File Name	C2018-07		Tracking based on user input	

## 1. Project description

Project Authenticity

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

## 2. Project properties

### 2.1. Baseline schedule

General	
# Activities	10
Planned Duration (PD)	43 days*
Budget at Completion (BAC)	€ 315.271,00
Renewable Resources	-
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	22%
Activity Distribution (AD)	50%
Length of Arcs (LA)	0%
Topological Float (TF)	64%

\* 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	26,08	18,74	1,5
CRI-rho	24,89	18,53	1,8
CRI-thau	14,16	13,88	2,2

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

	Time sensitivity		
	avg (%)	std dev (%)	skew (-)
CI	30,0	45,8	1,0
SI	48,9	35,2	0,7
SSI	16,3	26,5	1,5
CRI-r	20,1	25,5	1,6
CRI-rho	20,2	24,2	2,1
CRI-thau	13,8	16,8	2,3