

	Case Name: C2018-06	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	C2018-06		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	17
Planned Duration (PD)	21 days*
Budget at Completion (BAC)	€ 37.980,00
Renewable Resources	2
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	50%
Activity Distribution (AD)	37%
Length of Arcs (LA)	-5%
Topological Float (TF)	36%

* 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	52,9	49,9	-0,1
SI	66,6	37,7	-0,5
SSI	16,4	17,1	0,4
CRI-r	22,0	14,6	0,7
CRI-rho	21,6	14,6	0,5
CRI-thau	25,8	14,7	0,4