

	Case Name: C2019-07	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	
Submitted by	Mayté & Thymo		One of nine std. scenarios	
Date	2019	Project Control	User defined distributions	
File Name	C2019-07		Automatic tracking	
			Tracking based on user input	

1. Project description

Project Authenticity

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

2. Project properties

2.1. Baseline schedule

General	
# Activities	30
Planned Duration (PD)	400 days*
Budget at Completion (BAC)	-
Renewable Resources	2
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	58%
Activity Distribution (AD)	70%
Length of Arcs (LA)	8%
Topological Float (TF)	20%

* 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

	Time sensitivity		
	avg (%)	std dev (%)	skew (-)
CI	60,0	49,0	-0,4
SI	71,2	37,4	-0,7
SSI	11,2	14,7	1,6
CRI-r	15,3	14,8	1,7
CRI-rho	15,1	14,0	1,8
CRI-thau	12,0	8,9	1,8

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