

	Case Name: BAM deelproject 2	Sector	Construction	
	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	C2019-15 BAM deelproject 2		Automatic tracking	
			Tracking based on user input	

1. Project description

Project Authenticity

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

2. Project properties

2.1. Baseline schedule

General	
# Activities	646
Planned Duration (PD)	1188 days*
Budget at Completion (BAC)	-
Renewable Resources	-
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	5%
Activity Distribution (AD)	50%
Length of Arcs (LA)	0%
Topological Float (TF)	63%

* 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	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	0,2	3,9	25,4
SI	1,5	4,5	16,6
SSI	0,2	3,9	25,4
CRI-r	7,1	7,1	4,2
CRI-rho	12,5	14,3	2,1
CRI-thau	25,8	27,8	1,8

	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