

	Case Name: BAM deelproject 4	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	
			One of nine std. scenarios	
Submitted by	Mayté & Thymo	Project Control	User defined distributions	
Date	2019		Automatic tracking	
File Name	C2019-18 BAM deelproject 4		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	676
Planned Duration (PD)	897 days*
Budget at Completion (BAC)	-
Renewable Resources	-
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	7%
Activity Distribution (AD)	62%
Length of Arcs (LA)	0%
Topological Float (TF)	79%

* 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	7,5	26,4	3,2
SI	6,2	14,8	5,1
SSI	0,4	3,8	20,8
CRI-r	7,3	7,2	3,3
CRI-rho	13,1	15,0	1,8
CRI-thau	28,8	28,5	1,6

	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