

	Case Name: Planning trip	Sector	Event management	
	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	C2019-06 Planning trip		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	24
Planned Duration (PD)	67 days*
Budget at Completion (BAC)	€ 2.450,00
Renewable Resources	1
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	43%
Activity Distribution (AD)	39%
Length of Arcs (LA)	18%
Topological Float (TF)	9%

\* 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	46,0	48,6	0,2
SI	63,7	34,7	-0,5
SSI	10,2	18,8	2,3
CRI-r	14,5	16,1	1,5
CRI-rho	20,7	18,3	0,8
CRI-thau	29,7	28,2	1,9

	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