

	Case Name: Music Festival	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	
Submitted by	Mayté & Thymo		One of nine std. scenarios	
Date	2016		User defined distributions	
File Name	C2016-49	Project Control	Automatic tracking	
			Tracking based on user input	

1. Project description

Project Authenticity

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

2. Project properties

2.1. Baseline schedule

General	
# Activities	30
Planned Duration (PD)	145 days*
Budget at Completion (BAC)	€ 426.354,00
Renewable Resources	-
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	44%
Activity Distribution (AD)	29%
Length of Arcs (LA)	0%
Topological Float (TF)	46%

* 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	23,3	42,3	1,3
SI	41,1	36,3	0,8
SSI	0,9	2,5	3,9
CRI-r	10,3	17,6	4,5
CRI-rho	10,0	17,3	4,7
CRI-thau	14,6	18,2	2,7

	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