

	Case Name: Sweetpack	Sector	Construction (Industrial)	
	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	C2016-47 Sweetpack	Project Control	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	15
Planned Duration (PD)	137 days*
Budget at Completion (BAC)	-
Renewable Resources	-
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	24%
Activity Distribution (AD)	29%
Length of Arcs (LA)	1%
Topological Float (TF)	40%

\* 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	28,0	43,4	1,0
SI	35,8	43,6	0,7
SSI	5,9	13,0	2,7
CRI-r	10,7	12,7	2,1
CRI-rho	21,3	19,0	0,8
CRI-thau	39,2	34,7	1,0

	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