

	Case Name: Wine production	Sector		
	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		User defined distributions	
Date	2019	Project Control	Automatic tracking	
File Name	C2019-09 Wine production		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	25
Planned Duration (PD)	93 days*
Budget at Completion (BAC)	-
Renewable Resources	-
Consumable Resources	-

Network Topology	
Serial/Parallel (SP)	45%
Activity Distribution (AD)	48%
Length of Arcs (LA)	5%
Topological Float (TF)	37%

* 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	50,5	41,5	0,0
SI	74,4	32,5	-1,0
SSI	13,5	16,4	1,6
CRI-r	12,0	15,4	2,0
CRI-rho	11,6	15,7	1,9
CRI-thau	12,0	9,5	1,1

	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