

	Case Name: Student kick-off Kramersplein	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	
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Date	2022	Project Control	User defined distributions	
File Name	C2022-01		Automatic tracking	
			Tracking based on user input	

1. Project description

Project authenticity

This project revolves around the build up of the “Student Kick-Off “ festival on the Kramersplein in Ghent. The data focusses on the baseline scheduling and risk analysis of the project. The assumption is made that there are infinite volunteers available to help with the build-up.

2. Project properties

2.1. Baseline Schedule

General	
# Activities	187
Planned Duration (PD)	7.13*
Budget At Completion (BAC)	-
Renewable Resources	-
Consumable Resources	-

* standard eight-hour working days

Network topology	
Serial/Parallel (SP)	7%
Activity Distribution (AD)	62%
Length of Arcs (LA)	0%
Topological Float (TF)	38%

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	-	-	-
CRI-rho	-	-	-
CRI-tau	-	-	-

	Resource sensitivity		
	avg [%]	std dev [%]	skew [-]
CRI-r	-	-	-
CRI-rho	-	-	-
CRI-tau	-	-	-

	Time sensitivity		
	avg [%]	std dev [%]	skew [-]
CI	10.15	30.27	2.66
SI	10.47	26.36	2.96
SSI	1.44	7.13	5.50
CRI-r	1.83	7.27	5.17
CRI-rho	44.35	14.54	-2.18
CRI-tau	89.09	25.06	-2.00