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|---|---|-------------------|------------------------------|--|
|  | Case Name: C2017-02 | Sector | IT | |
| | 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 | 2017 | | User defined distributions | |
| File Name | C2017-02 | 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 | 25 |
| Planned Duration (PD) | 278 days* |
| Budget at Completion (BAC) | - |
| Renewable Resources | - |
| Consumable Resources | - |

| Network Topology | |
|----------------------------|-----|
| Serial/Parallel (SP) | 45% |
| Activity Distribution (AD) | 64% |
| Length of Arcs (LA) | 18% |
| Topological Float (TF) | 3% |

* 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 | 47,8 | 48,2 | 0,1 |
| SI | 69,3 | 34,6 | -0,8 |
| SSI | 9,6 | 15,5 | 2,3 |
| CRI-r | 15,4 | 17,3 | 2,0 |
| CRI-rho | 17,2 | 18,5 | 1,9 |
| CRI-thau | 17,1 | 21,1 | 2,8 |

| | 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 |