



ControldeProyectos.com

Gestión de Riesgos Análisis de Cronogramas

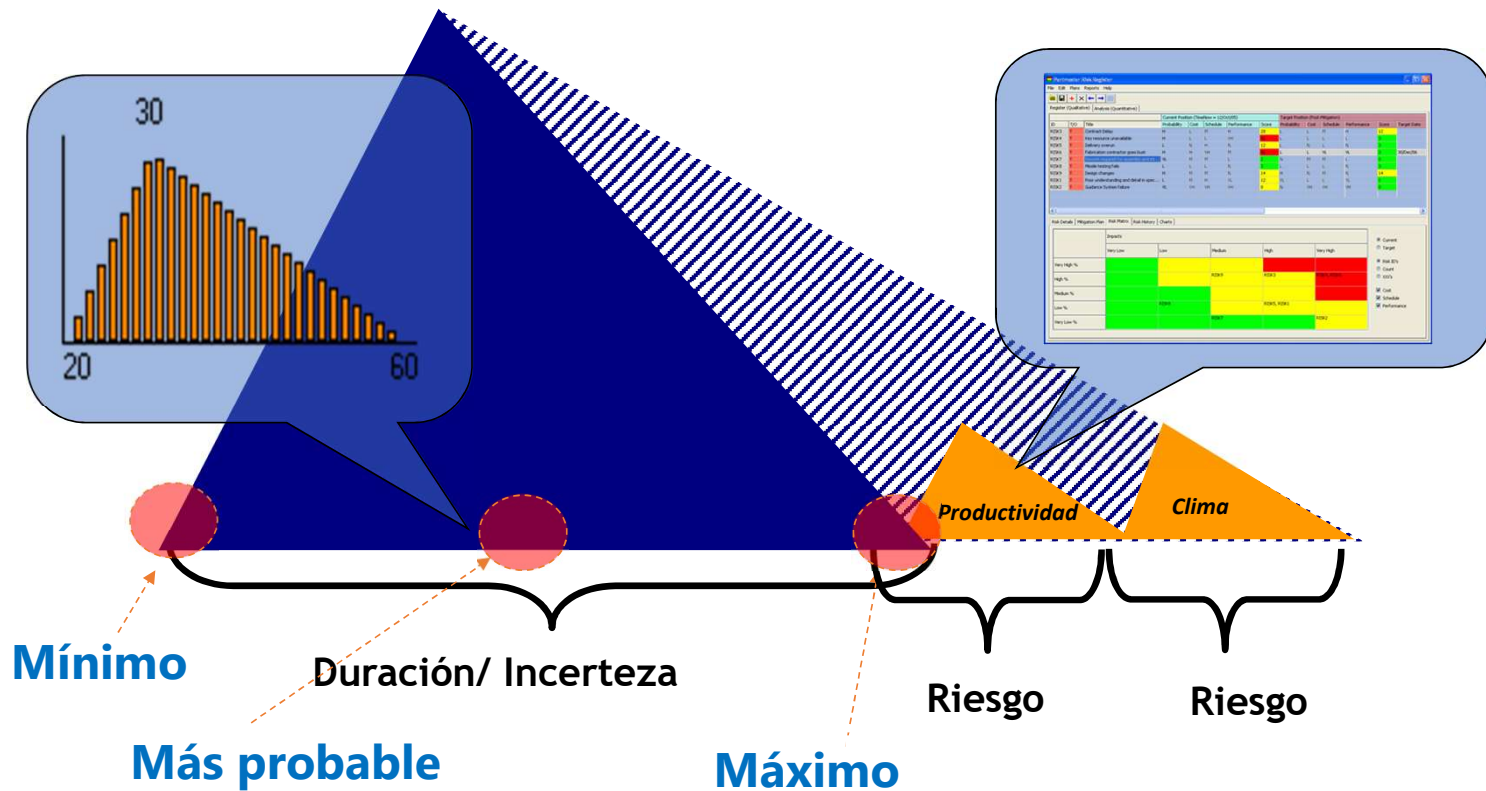
**Variabilidad
e
Incerteza**



Ejemplo



Riesgo en la duración de las actividades

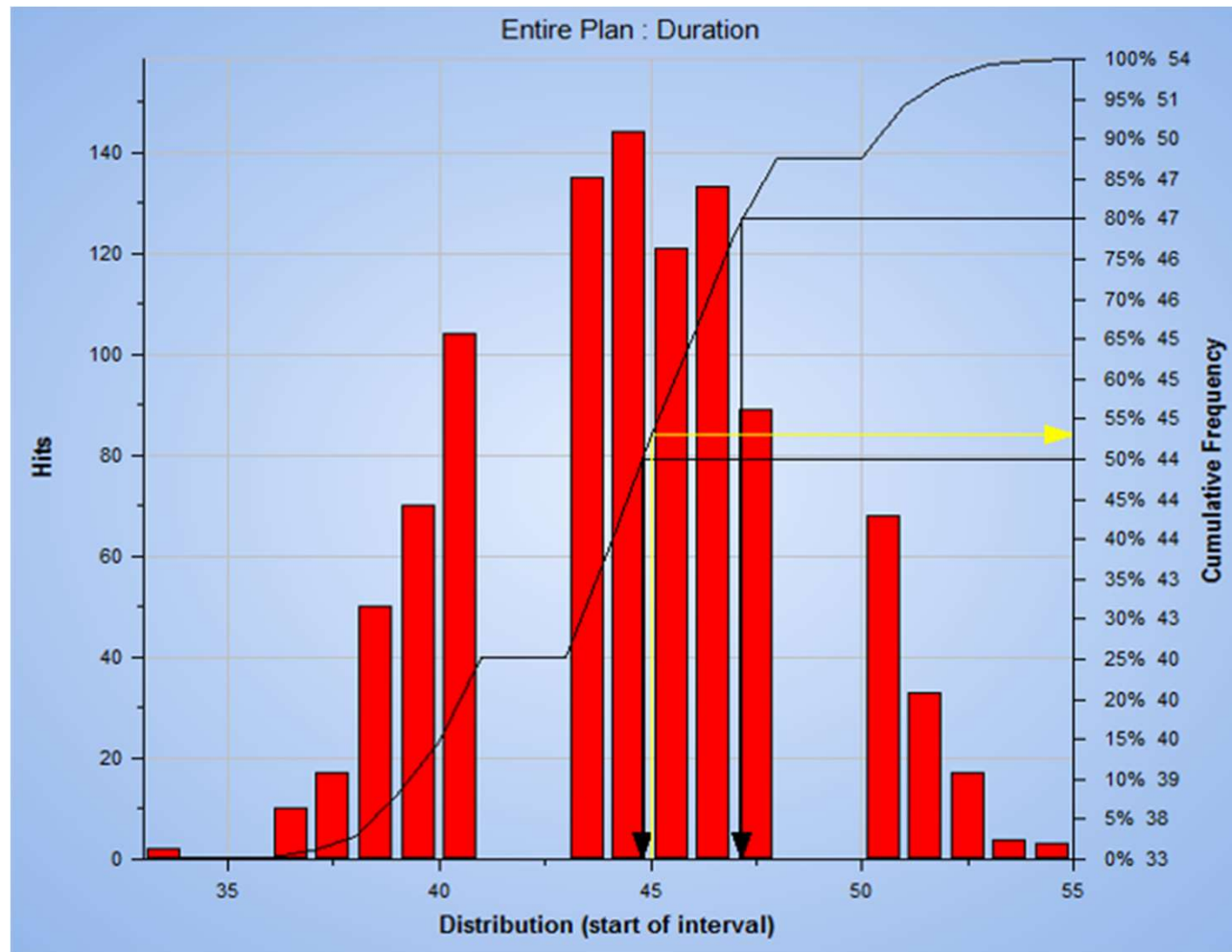


Gestión de Riesgos en Cronogramas

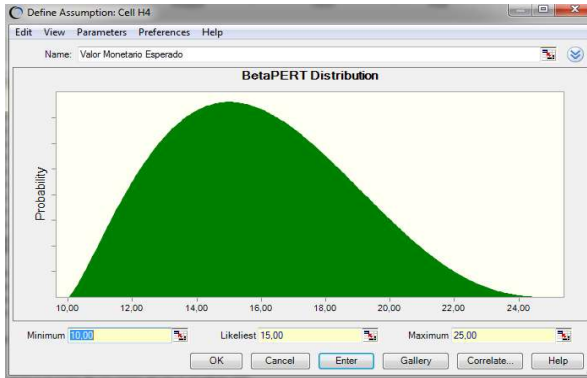
- ✓ Proveer visibilidad de cuales riesgos impactan al plazo del proyecto
- ✓ Monitorear los riesgo del proyecto para evitar retrasos
- ✓ Ver y analizar probabilidades, impactos, y umbrales cos cada riesgo individual o global.



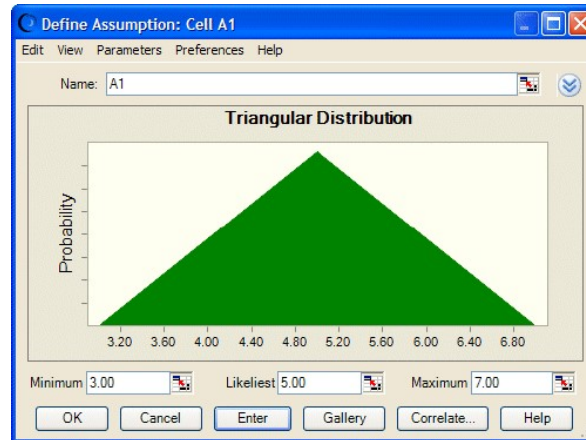
Distribución de probabilidad de la duración



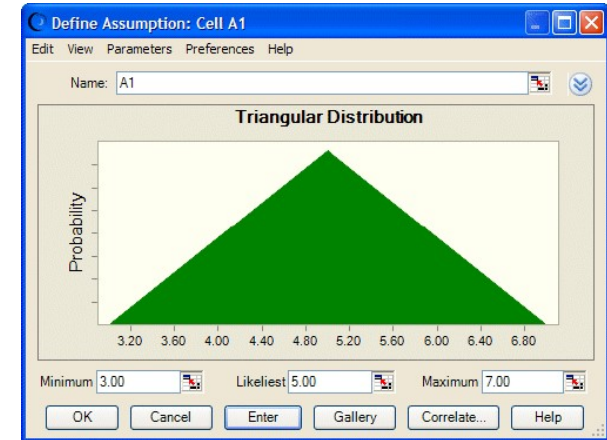
Las distribuciones más utilizadas



PERT o BetaPERT



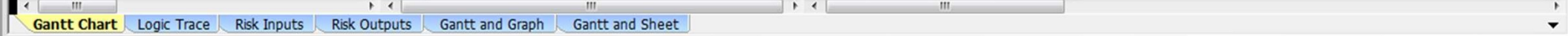
Triangular



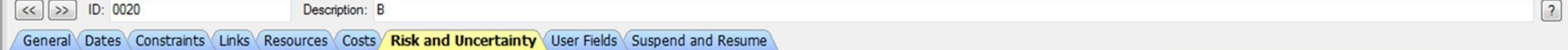
Trigen



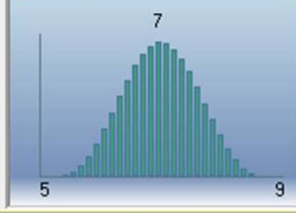
ID	Description	Remaining Duration	Jul '20			Aug '20			Minimum Duration	Most Likely	Maximum Duration	Task Existence %
			15	22	29	6	13	20				
0010	A	10							8	10	13	
0020	B	7						5	7	9		
0030	C	15						11	15	19		



Task Details ID: 0020 Description: B



Distribution	BetaPert
Minimum	5
Most Likely	7
Maximum	9

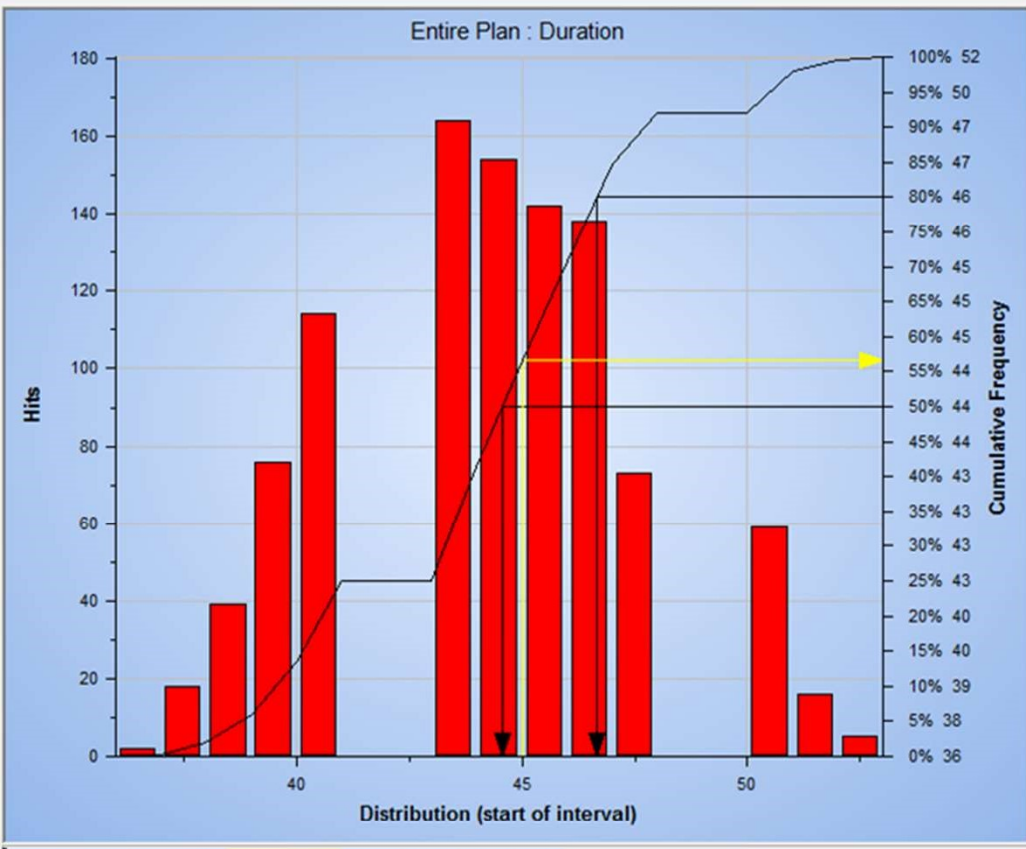


Notes:

Search

<EntirePlan>

- 0010 - A
- 0020 - B
- 0030 - C



Data

Duration of: Entire Plan

Analysis

Iterations: 1000

Statistics

Minimum:	36
Maximum:	52
Mean:	44
Bar Width:	day

Highlighters

Deterministic (44)	57%
50%	44
80%	46

Histogram

Bar Width: Automatic (day)

Color: ■

Use as default for new projects

Highlighters

Selected: 50%

Deterministic (44)

50%

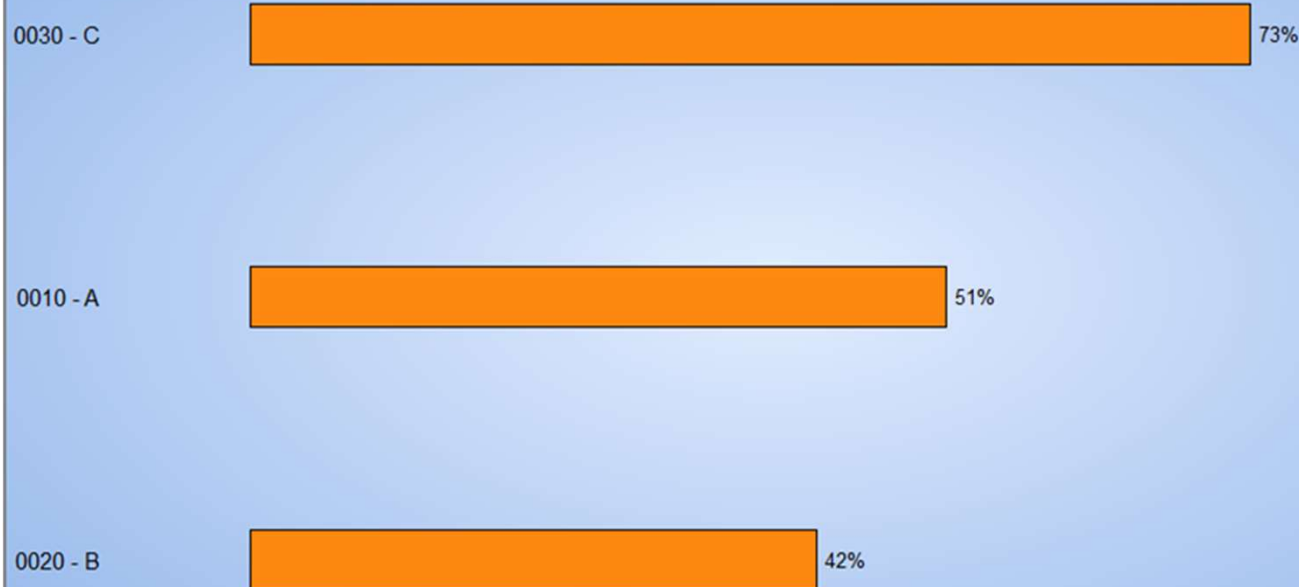
80%

Add to Distribution Analyzer

Show Distribution Analyzer...

OK Cancel

Duration Sensitivity: Entire Plan - All tasks



Definition of Duration Sensitivity
The duration sensitivity of a task is a measure of the correlation between its duration and the duration (or dates) of the project (or a key task or summary).

Analysis

Simulation	Latin Hypercube
Iterations	1000

Sensitivity calculation

Correlation between:
Duration of Entire Plan
And:
Duration of each task in the plan
Using: Pearson's product moment.

Display

Normal tasks only
Showing 10 highest values
Values greater than: 0

Duration Sensitivity Cost Sensitivity Criticality Index Duration Cruciality Schedule Sensitivity Index

Display mode: Tasks Risks

Task types to display:

<input checked="" type="checkbox"/> Normal tasks	<input type="checkbox"/> Risk summary tasks
<input type="checkbox"/> Summary tasks	<input type="checkbox"/> Base tasks
<input type="checkbox"/> Milestone tasks	<input type="checkbox"/> Risk impacts
<input type="checkbox"/> Monitor tasks	
<input type="checkbox"/> Hammock tasks	

Filter:

<input checked="" type="checkbox"/> Show top	10
<input checked="" type="checkbox"/> Ignore values smaller than +/-	0 %
<input type="checkbox"/> Ignore negative values	

Bookmark Visible Tasks

OK Cancel