



**POLITECNICO**  
MILANO 1863

Business Continuity Game - Auto parts manufacturer company  
group04  
24/11/2023 - 11:18:39

Solution 1

Additional stocking capacity for finished products: 5

Solution 2

Additional stocking capacity for raw material: 0

Additional stocking capacity for internal parts: 15

Additional stocking capacity for external parts: 15

Default stocking level for internal parts: 10

Default stocking level for raw material: 5

Default stocking level for external parts: 10

Solution 3

Backup manufacturing equipment: No

Backup assembly equipment: Yes

Solution 4

Alternative outbound transport (Finished products): 10

Alternative inbound transport (Raw material): 10

Alternative inbound transport (Raw material): 10

Solution 5

Earthquake-proof Main Facility: No

Warehouse reinforcement: Yes

Logistics Center reinforcement: Yes

Solution 6

Insurance: Package 5

## RESULTS

EXPECTED LOSSES FROM BUSINESS DISRUPTION					
Magnitude	8+	7-8	6-7	5-6	5-
Damage to physical infrastructures [M€]	10.0	6.0	2.5	0.0	0.0
Damage to other properties [M€]	17.5	9.0	3.45	0.75	0.0
Loss from business income [M€]	156.39	32.1	0.25	0.0	0.0
Business recovery [M€]	2.98	2.28	0.295	0.01	0.01
<b>TOTAL [M€]</b>	<b>186.87</b>	<b>49.38</b>	<b>6.495</b>	<b>0.76</b>	<b>0.01</b>

NET LOSS (AFTER INSURANCE)					
Magnitude	8+	7-8	6-7	5-6	5-
Physical infrastructure [M€]	10.0	6.0	2.5	0.0	0.0
Other property [M€]	17.5	9.0	3.45	0.75	0.0
Loss of business income [M€]	156.39	32.1	0.25	0.0	0.0
Business recovery [M€]	0.0	0.0	0.0	0.0	0.01
<b>TOTAL [M€]</b>	<b>183.89</b>	<b>47.1</b>	<b>6.2</b>	<b>0.75</b>	<b>0.01</b>

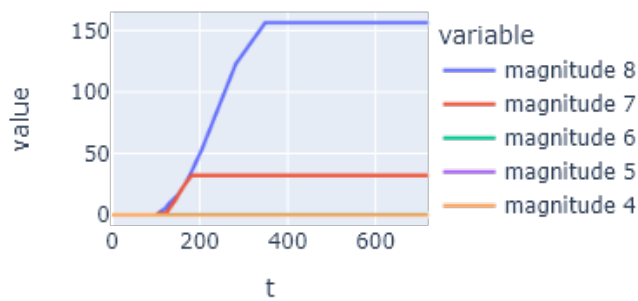
Total expected loss [M€]	1.986
Total BCP implementation cost [M€]	0.3
Total insurance price [M€]	0.02

<b>TOTAL EXPECTED COST OF BC STRATEGY [M€]</b>	<b>2.306</b>
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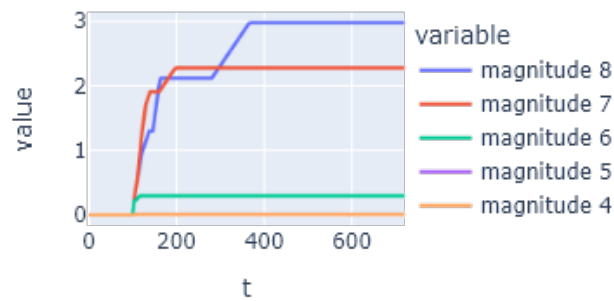
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# CHARTS

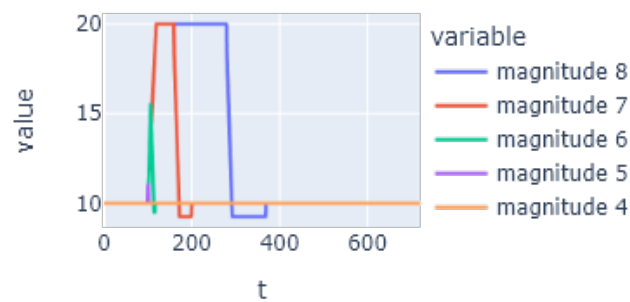
Loss from business income



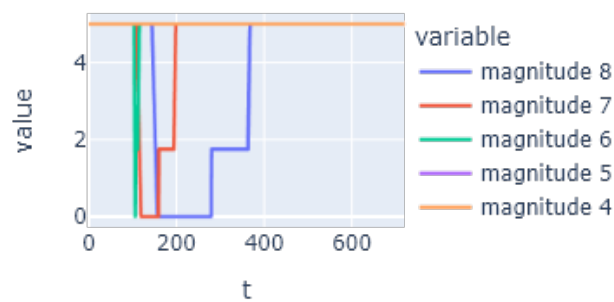
Business recovery



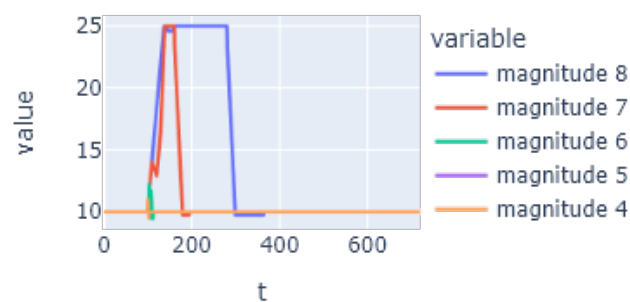
Raw material stock level



Internal parts stock level



External parts stock level



Finished products stock level

