



**POLITECNICO**  
MILANO 1863

Business Continuity Game - Auto parts manufacturer company  
group10  
21/11/2023 - 17:23:55

Solution 1

Additional stocking capacity for finished products: 5

Solution 2

Additional stocking capacity for raw material: 10

Additional stocking capacity for internal parts: 4

Additional stocking capacity for external parts: 5

Default stocking level for internal parts: 26

Default stocking level for raw material: 13

Default stocking level for external parts: 25

Solution 3

Backup manufacturing equipment: No

Backup assembly equipment: No

Solution 4

Alternative outbound transport (Finished products): 20

Alternative inbound transport (Raw material): 6

Alternative inbound transport (Raw material): 4

Solution 5

Earthquake-proof Main Facility: Yes

Warehouse reinforcement: Yes

Logistics Center reinforcement: No

Solution 6

Insurance: Package 3

## RESULTS

EXPECTED LOSSES FROM BUSINESS DISRUPTION					
Magnitude	8+	7-8	6-7	5-6	5-
Damage to physical infrastructures [M€]	6.0	3.6	1.5	0.0	0.0
Damage to other properties [M€]	17.5	9.0	3.45	0.75	0.0
Loss from business income [M€]	161.93	26.17	0.25	0.0	0.0
Business recovery [M€]	1.081	1.725	0.229	0.01	0.0
<b>TOTAL [M€]</b>	<b>186.511</b>	<b>40.495</b>	<b>5.429</b>	<b>0.76</b>	<b>0.0</b>

NET LOSS (AFTER INSURANCE)					
Magnitude	8+	7-8	6-7	5-6	5-
Physical infrastructure [M€]	0.0	0.0	0.0	0.0	0.0
Other property [M€]	17.5	9.0	3.45	0.75	0.0
Loss of business income [M€]	131.93	0.0	0.0	0.0	0.0
Business recovery [M€]	1.081	1.725	0.229	0.01	0.0
<b>TOTAL [M€]</b>	<b>150.511</b>	<b>10.725</b>	<b>3.679</b>	<b>0.76</b>	<b>0.0</b>

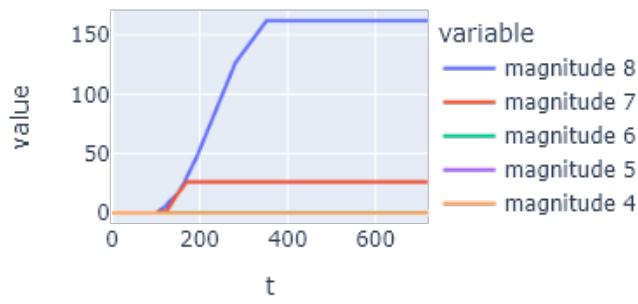
Total expected loss [M€]	1.396
Total BCP implementation cost [M€]	0.183
Total insurance price [M€]	0.2

<b>TOTAL EXPECTED COST OF BC STRATEGY [M€]</b>	<b>1.779</b>
--	--------------

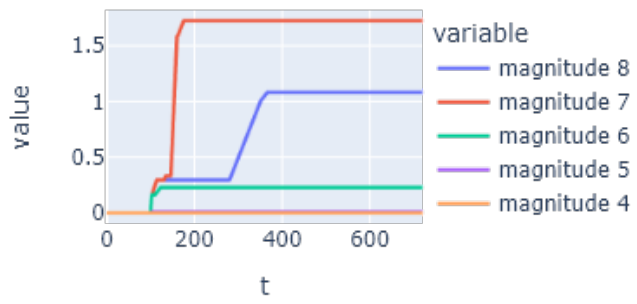
[illegible]

# CHARTS

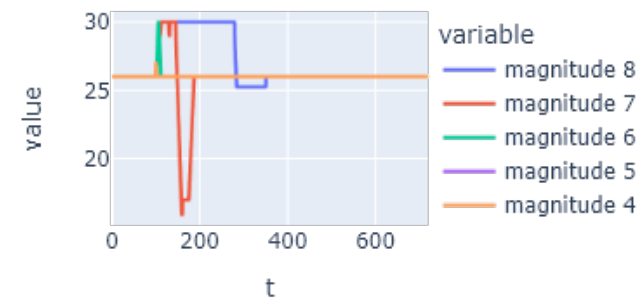
Loss from business income



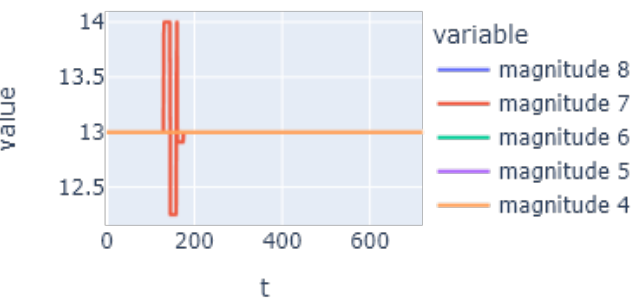
Business recovery



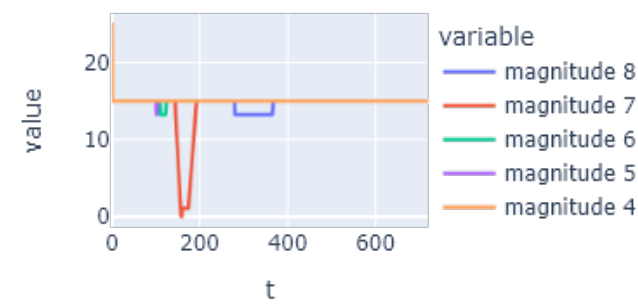
Raw material stock level



Internal parts stock level



External parts stock level



Finished products stock level

