

# Engineering Pugh Matrix Template – Example

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## Pugh Matrix

CRITERIA	WEIGHT	Current Solution		Alternative One		Alternative Two	
		BASE SCORE	WEIGHTED	BASE SCORE	WEIGHTED	BASE SCORE	WEIGHTED
Energy Efficiency	5	1	5	2	10	5	25
Durability	2	3	6	1	2	4	8
Cost of Materials	1	5	5	5	5	1	1
Ease of Manufacturing	3	3	9	2	6	5	15
Sustainability	4	1	4	2	8	5	20
Innovation Potential	5	3	15	2	10	3	15
Scalability	5	2	10	1	5	4	20
Maintenance and Support	1	5	5	5	5	4	4
Safety Compliance	1	5	5	4	4	3	3
Customer Impact	2	5	10	5	10	5	10
TOTAL WEIGHTED SCORE			74		65		121

# Pugh Matrix

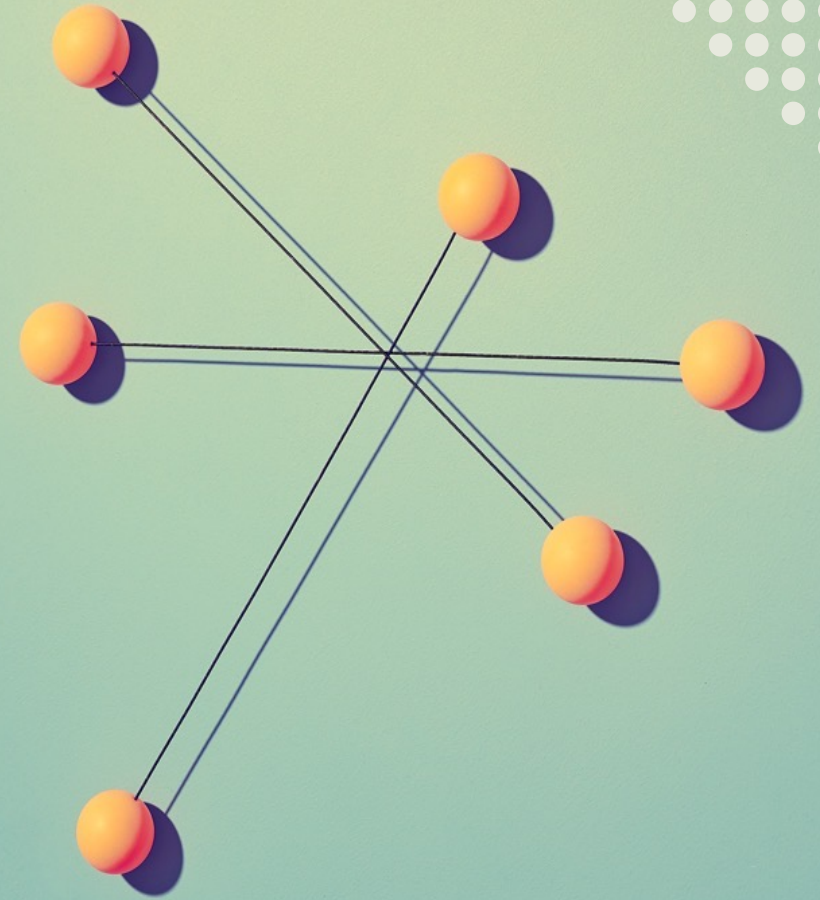
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TOTAL WEIGHTED SCORE							

# Conclusion





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