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HDMADV Six Sigme		ıgh Matrix	Try <b>y</b> smartsheet for free
HDMADV stands for the phases of the Design for Six Sigma (DFSS) methodology, which is a variation of Six	Н	Hypothesize	Formulate initial hypotheses or ideas for potential solutions.
	D	Define	Clearly define the problem, objectives, and customer requirement
	М	Measure	Measure and collect data on current processes and capabilities.
Sigma focused on designing new products or processes.	Α	Analyze	Analyze the data to identify root causes and potential solutions.
	D	Design	Design the new process, product, or solution based on the analysis
	٧	Verify	Confirm that defined objectives are met.

Design Options											
1 Better 0 Same -1 Wasse  Critical to Quality (CTQ) Items	WEIGHT lcore of 1 to 10	Cancept A: High-speed solar-powered charging stations	Cancept 8: Modular charging units with battery stange	Concept C: Standard charging stations with integrated customer interface	Concept D: Ultra-fast charging stations with minimal footprint	Proposal 1: Charging stations with integrated renewable energy sources	Proposal 2: Scalable network of charging points with dynamic pricing	Proposal 3: Compact urban-focused charging stations	Alternative A: Community-shared charging hubs	Mtemative B: Difigid charging stations powered by wind energy	Alternative C. Mable charging units for an- demand service
Performance Reliability	8	1	1	1	1	-1	-1	0	1	0	0
Operational Efficiency	9	-1	-1	1	0	-1	-1	0	1	1	0
Customer Satisfaction	5	0	0	1	1	-1	0	0	1	0	0
Cost Optimization	2	0	-1	0	0	-1	-1	0	1	0	-1
Ease of Implementation	3	0	- 1	0	-1	0	-1	0	- 1	-1	-1
Scalability Potential	7	0	-1	-1	-1	0	0	0	1	-1	0
Innovation Level	8	0	- 1	-1	0	0	- 1	-1	- 1	0	0
Sustainability Impact	3	1	- 1	-1	-1	0	0	- 1	1	-1	1
Regulatory Compliance	2	1	0	-1	0	1	0	0	1	-1	- 1
Market Competitiveness	5	1	0	-1	0	0	0	-1	1	0	- 1
Maintenance Requirements	2	-1	-1	0	-1	1	0	- 1	1	-1	- 1
Energy Efficiency	10	-1	-1	1	- 1	0	0	0	0	-1	- 1
Other	7	0	-1	- 1	-1	1	- 1	-1	0	-1	- 1
Other	1	- 1	-1	- 1	- 1	0	- 1	0	-1	0	- 1
Num	5	6	6	8	3	4	4	11	1	7	
Num	6	3	3	5	7	7	9	2	6	5	
Num	3	5	5	1	4	3	-1	1	7	2	
Non-Weighted Solution Scores		2	1	1	7	-1	1	3	10	-6	5
Weighted Solutio	-2	2	15	40	-13	-2	11	53	-25	25	

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## HDMADV Six Sigma Pugh Matrix Template

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Industry stands for the phase of the Design for Sis

Sigma (DrSS)

Define

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Define

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A Analyze

Available the date to disertify and course are potential substance.

Design

V verify

Confirm that distinct closes are mit.

			V	Verify		Confirm that defined objectives are met.							
				Design Options									
0	Same Warse				-								
Critical (CTQ) I		ality	WBGHT score of 1 to 10	Canapt A:	Concept B:	Canosp1C:	ConceptD:	Proposal to	Proposal 2	Proposed 3:	Alternative A:	Alternative B:	Alternative C:
		Num	ber of 1	0	0	0	0	0	0	0	0	0	0
		Num	ber of 0	0	0	0	0	0	0	0	0	0	0
		Numb	per of -1	0	0	0	0	0	0	0	0	0	0
	Non-Weigh	ted Solution	Scores	0	0	0	0	0	0	0	0	0	0
	Weigh	ted Solution	Scores	0	0	0	0	0	0	0	0	0	0

## Dropdown Key

-1	Better
0	Same
-1	Worse

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