



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

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Section

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Project Risk Management

Risk of travel by motorcycles as long ride.

Interdiction:

Riding a motorcycle has increased nowadays in the kingdom, it has become. A common to see motorcycles on the road. However, many motorcycles chapters offer long ride to discover the kingdom. In this research I will write about the risks which may face in ride, and how we protect our self? How to response to those risks? what are our plans?

In the phase of planning for a group of 50+ motorcycles raiders, we faced some struggles regarding a accommodations and trip schedule and to manage the budget specially with covid -19 procedure and instructions.

Methodology

We will start with process 8rs and 4Ts, and this proses will help us to find any risks in consideration and the probabilities and what the impact. First step is brainstorming by this step we can identify the possible risk.

Table 1

no	List the possible risk
1.	road hazards (death or injury)
2.	weather conditions(death or injury)
3.	Choose undetailed programs
4.	Accidents on the road(death or injury)
5.	Bike Breakdown (cost)
6.	Runout of fuel(cost)
7.	Lockdown due new viruses (cost+)

After we list possible risks shows above in table no 1 we will determine the probability and the impact of each kind of possible risks (risk matrix) which will go after risk register (low from 0 to 0.29, medium from 0.3 to 0.69 and high from 0.7 to 1).

Table 2

no	List the possible risk	probability	impact
1.	road hazards (death or injury)	0.8	0.8
2.	weather conditions(death or injury)	0.2	0.9
3.	Choose undetailed programs	0.2	0.8
4.	Accidents on the road(death or injury)	0.3	0.9
5.	Bike Breakdown (cost)	0.1	0.4
6.	Runout of fuel(cost)	0.3	0.2
7.	Lockdown due new viruses (cost+)	0.1	0.2

From table 2 after collecting and evaluating the risk , we need make the severity for each risks by mitigate the impact ,example to find out response plane by figure 1.

Probability	0.7-1	high	high	medium
	0.3-0.69	high	medium	low
	0-0.29	medium	low	low
		0.7-1	0.3-0.69	0-0.29
		Impact		

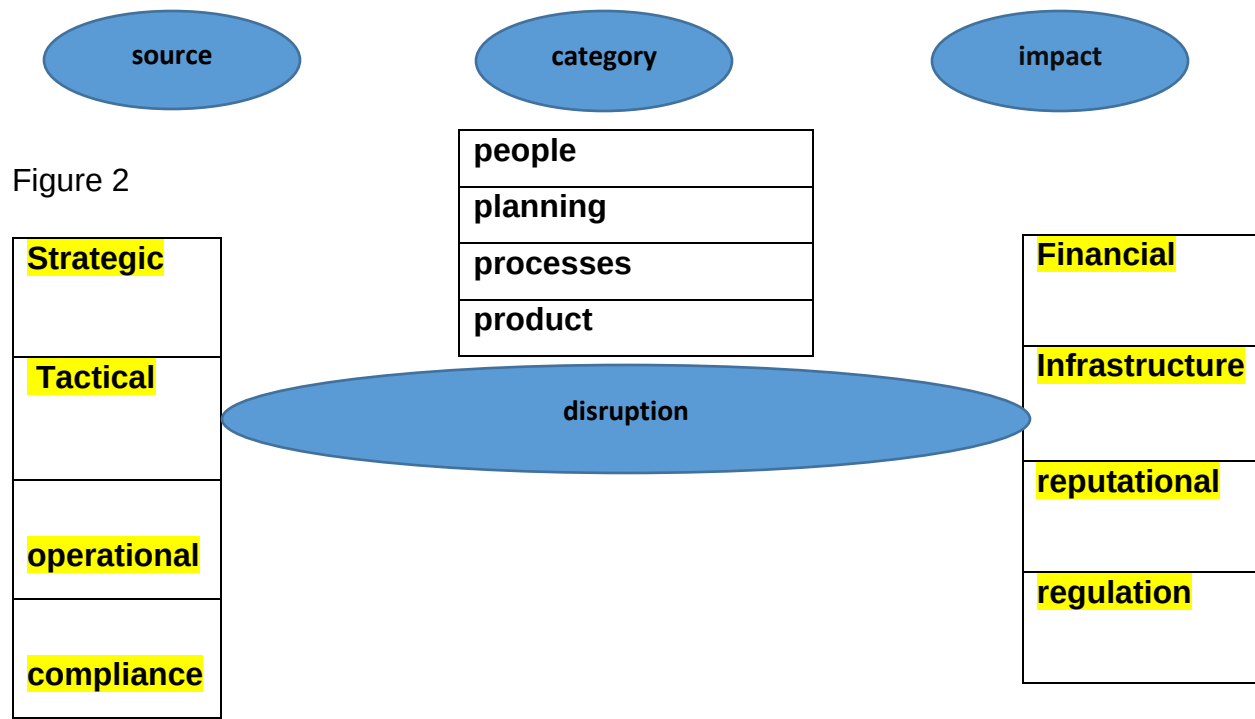


Table 3

no	List the possible risk	probability	impact	Severity	Response plane	Mitigate action
1.	road hazards (death or injury)	0.8	0.8	high	Focuses with road captain while following	Wear full safe gear
2.	weather conditions(death or injury)	0.2	0.2	low	Stop for rest	Reduce speed stop
3.	Choose undetailed programs	0.2	0.2	low	Find alternative plan	Do any outdoor . Activity With th group
4.	Accidents on the road(death or injury)	0.3	0.3	medium	Wear full safety gear	Wear full protection
5.	Bike Breakdown (cost time)	0.1	0.1	low	Stop for repair	Stop for repair

6.	Runout of fuel(cost)	0.3	0.3	medium	refuel	refuel
7.	Lockdown due new viruses (cost+)	0.1	0.1	low	Save money	Ask for permission

Result

From table 3 we will calculate EMV coast for the group trip. The total potential impact 9050sar while the contingency cost 2850sar based from actual experience.

Table 4

no	List the possible risk	probability	Impact cost SR	Risk contingency
1.	road hazards (death or injury)	0.8	1000	800
2.	weather conditions(death or injury)	0.2	0	0
3.	Choose undetailed programs	0.2	1000	200
4.	Accidents on the road(death or injury)	0.3	5000	1630
5.	Bike Breakdown (cost)	0.1	1000	100
6.	Runout of fuel(cost)	0.3	50	20
7.	Lockdown due new viruses (cost+)	0.1	1000	100
total			9050	2850

Discussion

As result of response plan and mitigate the risk from Table 3, it shows clearly by colors like red and orange indicating higher probability and huge impact this is our focus area.

As result in table 4 risks cost on the budget. The higher number was road hazards which is higher priority. and the other risk on yellow color those risks comes with medium priority like runout of fuel and road accidents they will cost less if prepare for it properly such bring spare fuel tank and wear full protection safety gear. Finally, risks show in green color those risk comes with low priority and it may cost few from the budget.

Inconclusion

Riding motorcycle very worth the risk because there are chances that you won't make a life-threatening accident. You have to understand that once you have chosen to ride a motorcycle, you have also chosen the risk of making an accident because a motorcycle is open, so it involves more risk, unlike a car that is much safer.

But with all that, most motorcyclists stay healthy and intact and don't make a life-threatening accident. And an interesting fact that will surprise is that those who die from motorcycle accidents are 50 percent of people who do not wear a helmet and ride recklessly. So, I assure keep with all safety rules and do not do crazy things when riding, will be safe without any problems.

References

- Safety booklet for motorcycle Saudi Aramco
- Fundamentals of risk management, Paul Hopkin
- HOG member, JEDDAH CHAPTER. .