

		Estimated Person-Months																		
		Analysis			Design				Development				Test Planning			Test Execution				
ID	Task Name	FR	VN	NZ	FR	VH	NZ	KH	SZ	FR	VN	NZ	KH	SZ	FR	VN	NZ	FR	VN	NZ
1	Safety																			
1.a.	Informational																			
1.a.i.	Proximity Sensors (Reverse, forward and gutter)	1.00		0.75	2.75		2.25	3.00	2.75	3.00	4.50	2.50	4.00	3.00	1.25		1.50	2.75	3.00	3.00
1.a.ii.	Tyre Pressure Sensors	1.50		1.50	3.50		4.25	5.00	3.00	4.00	7.00	4.50	4.25	3.25	2.25		2.25	4.25	2.75	4.50
1.a.iii.	Driver Fatigue Sensor	2.00		1.75	5.50		4.75	6.00	4.50	5.50	8.75	5.00	6.00	5.25	2.75		3.00	5.25	5.75	5.50
1.a.iv.	Doors closed	0.50		0.50	1.25		1.00	2.25	1.25	1.50	2.00	1.00	3.75	1.25	0.75		0.75	1.25	1.25	1.50
1.b.	Control																			
1.b.i.	Locking System	0.50		0.50	1.25		1.50	2.50	1.25	1.50	2.50	1.50	3.00	0.75	0.75		0.75	1.50	1.75	1.75
1.b.ii.	Wind-screen wipers	0.75		0.75	1.75		1.75	2.25	1.50	2.00	3.25	2.00	2.50	2.50	1.25		1.25	2.00	2.25	2.25
1.b.iii.	Lighting System	1.00		1.25	2.75		3.25	3.75	2.25	3.00	5.23	3.50	3.25	2.00	2.00		1.50	3.25	3.50	3.50
1.b.iv.	Engine	4.00		4.75	11.50		9.75	12.25	10.00	11.50	18.50	11.00	11.25	11.00	7.25		6.00	11.25	12.50	11.50
1.c.	Critical																			
1.c.i.	Ignition	2.00		2.25	4.00		6.25	3.00	5.00	4.50	9.00	6.50	7.00	4.00	3.50		3.00	5.50	6.00	5.75
1.c.ii.	Power Steering	3.00		2.50	7.25		6.50	5.00	6.50	7.50	23.00	7.00	5.00	6.00	3.75		4.50	7.25	8.00	7.50
1.c.iii.	ABS	1.50		1.50	4.00		3.75	5.50	4.50	4.00	6.50	4.00	5.75	4.00	2.25		2.25	4.00	4.50	4.25
1.c.iv.	Electronic Stability Program (ESP)	2.00		1.75	4.75		5.00	3.00	5.25	5.00	8.25	5.00	3.75	4.00	2.75		3.00	5.00	5.50	5.25
1.c.v.	Airbags	1.50		1.50	4.25		4.00	4.50	5.25	4.50	7.00	4.00	5.75	3.75	1.25		1.25	4.25	4.75	4.50
2	Entertainment																			
2.a.	Radio	0.50		0.50	0.50		0.50	0.50	0.50	1.00	1.00	1.00	0.75	2.00	0.50		0.50	1.00	1.25	1.25
2.b.	CD	0.50		0.50	0.50		0.50	1.00	1.00	1.00	1.25	1.00	0.75	2.00	0.50		0.50	1.00	1.25	1.25
2.c.	Phone (Bluetooth)	0.50		0.75	0.50		1.00	0.25	1.50	1.00	2.75	2.50	0.75	3.00	0.50		0.50	1.75	2.00	2.00
2.d.	iPod interface	0.50		0.50	0.75		0.75	0.25	1.50	2.00	3.25	2.00	1.75	2.75	0.50		0.50	2.00	2.50	2.25
3	Satellite Navigation																			
3.a.	Location	1.50		1.25	1.75		1.50	3.00	1.75	4.00	6.25	3.50	5.00	4.25	1.00		1.25	3.75	4.25	4.00
3.b.	Map Display	3.00		3.00	3.25		4.25	5.00	3.00	7.00	14.75	11.00	6.00	6.75	2.25		2.25	9.00	10.00	9.25
3.c.	Direction Planning	3.00		2.75	4.25		4.00	6.00	3.50	11.00	17.00	10.50	10.00	11.00	2.00		2.25	10.75	12.00	11.00
4	Comfort																			
4.a.	Power locking	0.50		0.50	0.50		0.50	0.25	1.00	1.00	1.25	1.00	2.00	1.00	0.50		0.50	1.00	1.25	1.25
4.b.	Windows	0.50		0.50	0.50		0.75	0.25	1.25	1.00	1.00	2.00	3.00	2.00	0.50		0.50	1.50	1.50	1.75
4.c.	Placement of seat and steering wheel tailored for each registered c	1.50		1.75	2.00		2.50	2.00	2.25	5.00	7.25	6.50	6.00	4.00	1.25		1.25	5.75	6.50	6.00

ID	Location	Monthly Cost	Currency
FR	France	20	K Francs
VN	Vietnam	6	K USD
NZ	New Zealand	16	K NZD
KH	Cambodia	45000	K KHR
SZ	Switzerland	15	K Francs

Headoffice

Subcontractor

Total Person Months	33.25	0.00	33.25	69.00	0.00	70.25	76.50	70.25	91.50	####	98.50	####	89.50	41.25	0.00	41.00	95.00	####	####
Max Person Months excl. Project Management	18.00		36.00	36.00		60.00	36.00		48.00		72.00	####		24.00		36.00	72.00		96.00

		Planned Person Months																		
ID	Task Name	Analysis			Design				Development				Test Planning			Test Execution			Resources	
		FR	VN	NZ	FR	VN	NZ	KH	SZ	FR	VN	NZ	KH	SZ	FR	VN	NZ	FR		VN
1	Safety																			
1.a.	Informational																			
1.a.i.	Proximity Sensors (Reverse, forward and gutter)			0.75			2.25					2.50				1.50		3.00	TRUE	
1.a.ii.	Tyre Pressure Sensors			1.50			4.25					4.50				2.25		4.50	TRUE	
1.a.iii.	Driver Fatigue Sensor			1.75			4.75					5.00				3.00		5.50	TRUE	
1.a.iv.	Doors closed			0.50			1.00					1.00				0.75		1.50	TRUE	
1.b.	Control																			
1.b.i.	Locking System			0.50			1.50					1.50				0.75		1.75	TRUE	
1.b.ii.	Wind-screen wipers			0.75			1.75					2.00				1.25		2.25	TRUE	
1.b.iii.	Lighting System			1.25			3.25					3.50				1.50		3.50	TRUE	
1.b.iv.	Engine			4.75			9.75					11.00				6.00		11.50	TRUE	
1.c.	Critical																			
1.c.i.	Ignition			2.25			6.25					6.50				3.00		5.75	TRUE	
1.c.ii.	Power Steering			2.50			6.50					7.00				4.50		7.50	TRUE	
1.c.iii.	ABS			1.50			3.75					4.00				2.25		4.25	TRUE	
1.c.iv.	Electronic Stability Program (ESP)			1.75			5.00					5.00				3.00		5.25	TRUE	
1.c.v.	Airbags			1.50			4.00					4.00				1.25		4.50	TRUE	
2	Entertainment																			
2.a.	Radio	0.50			0.50						1.00				0.50		1.25	TRUE		
2.b.	CD	0.50			0.50						1.25				0.50		1.25	TRUE		
2.c.	Phone (Bluetooth)	0.50			0.50						2.75				0.50		2.00	TRUE		
2.d.	iPod interface	0.50			0.75						3.25				0.50		2.50	TRUE		
3	Satellite Navigation																			
3.a.	Location	1.50			1.75					4.00					1.00		3.75	TRUE		
3.b.	Map Display	3.00			3.25					7.00					2.25		9.00	TRUE		
3.c.	Direction Planning	3.00			4.25					11.00					2.00		10.75	TRUE		
4	Comfort																			
4.a.	Power locking	0.50			0.50					1.00					0.50		1.00	TRUE		
4.b.	Windows	0.50			0.50					1.00					0.50		1.50	TRUE		
4.c.	Placement of seat and steering wheel tailored for each registered c	1.50			2.00					5.00					1.25		5.75	TRUE		
Project Management (Person-months)		1.20		2.10	1.40		4.00			2.90	0.80	5.20			0.90		3.00	3.10	0.70	6.00
Integration (Person-months)		0.10		0.10	0.10		0.10			0.60	0.60	0.60			0.10		0.10	0.40	0.40	0.40
Other (Person-months) - must be specified										0.90							1.00			
Total Person Months		13.30	0.00	23.45	16.00	0.00	58.10	0.00	0.00	33.40	9.65	63.30	0.00	0.00	10.50	0.00	34.10	36.25	8.10	67.15
Max Person Months excl. Project Management		18.00		36.00	36.00		60.00	36.00		48.00		72.00	####		24.00		36.00	72.00		96.00

Cost					
FR	VN	NZ	KH	SZ	
0	0	160	0	0	
0	0	272	0	0	
0	0	240	0	0	
0	0	76	0	0	
0	0	96	0	0	
0	0	128	0	0	
0	0	208	0	0	
0	0	688	0	0	
0	0	380	0	0	
0	0	448	0	0	
0	0	252	0	0	
0	0	320	0	0	
0	0	244	0	0	
30	13.5	0	0	0	
30	15	0	0	0	
30	28.5	0	0	0	
35	34.5	0	0	0	
240	0	0	0	0	
490	0	0	0	0	
620	0	0	0	0	
70	0	0	0	0	
80	0	0	0	0	
310	0	0	0	0	
190	9	324.8	0	0	
26	6	20.8	0	0	
38	0	0	0	0	

Exchange Rates	
Euro	1.000
USD	0.77
NZD	0.64
KHR	0.00019
Francs	0.830
Last updated #####	

Total Cost of Human Resourc
€ 47,39,869

Other Costs	Total (EUR)	Total Other Costs (EUR)
Big dinner party at the beginning	300	3150
Analysis software	180	
Design tools	200	
Development tools	170	
Testing tools	300	
Dinner party at the end of project	400	
communication tools(hardware and softwares	1600	