



2010 FIFA WORLD CUP

ATNS PREPARATIONS



south africa

2 0 1 0

INTRODUCTION

- **Anticipated Demand**
- **Present and Future Airspace Capacities**
- **Initiatives to Reach Anticipated Airspace Capacities**
- **Risks**
- **Conclusion**



ANTICIPATED DEMAND

- **300 000 International Passengers (Over 5 Week period)**
- **Day 14: Peak domestic traffic demand**
 - Gauteng : 31 000 (193 B737)**
 - Cape Town: 10 000 (63 B737)**
 - Durban: 13 000 (81 B737)**





INTERNATIONAL VISITORS STATISTICS

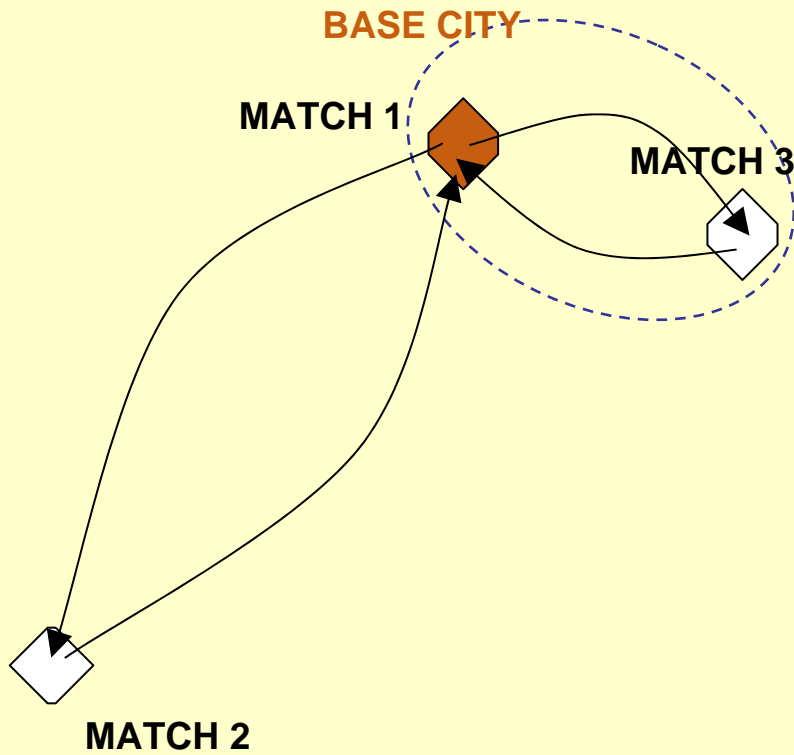
No. of FIFA 2010 Matches	64
Average stadium capacity	50000
Total seats available	3200000

INTERNATIONAL VISITORS TO RSA DURING FIFA 2010

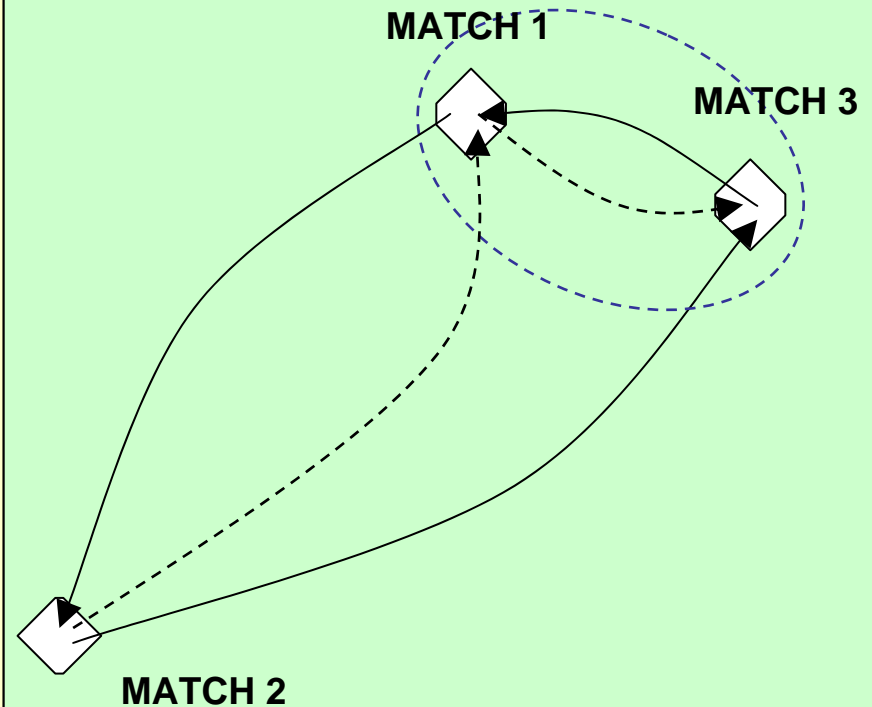
Allocation for international spectators	40%
Maximum potential number of seats to international spectators	1280000
Expected take up of tickets (%) for international spectators (buying and showing up)	100%
Expected take up of match tickets for international spectators	1280000
Tickets sold in 3-7 match packages to internationals, average matches-per-book	4.5
Total number of international spectators	284444
Non ticket holding travelling companions as % of international spectators	10%
Companions of ticket holders	28444
Estimated additional cross-border arrivals from other African countries without tickets	50000
Total number of international World Cup related arrivals in South Africa	362889

International Spectator Inter-venue Movements

Scenario: Return to Base

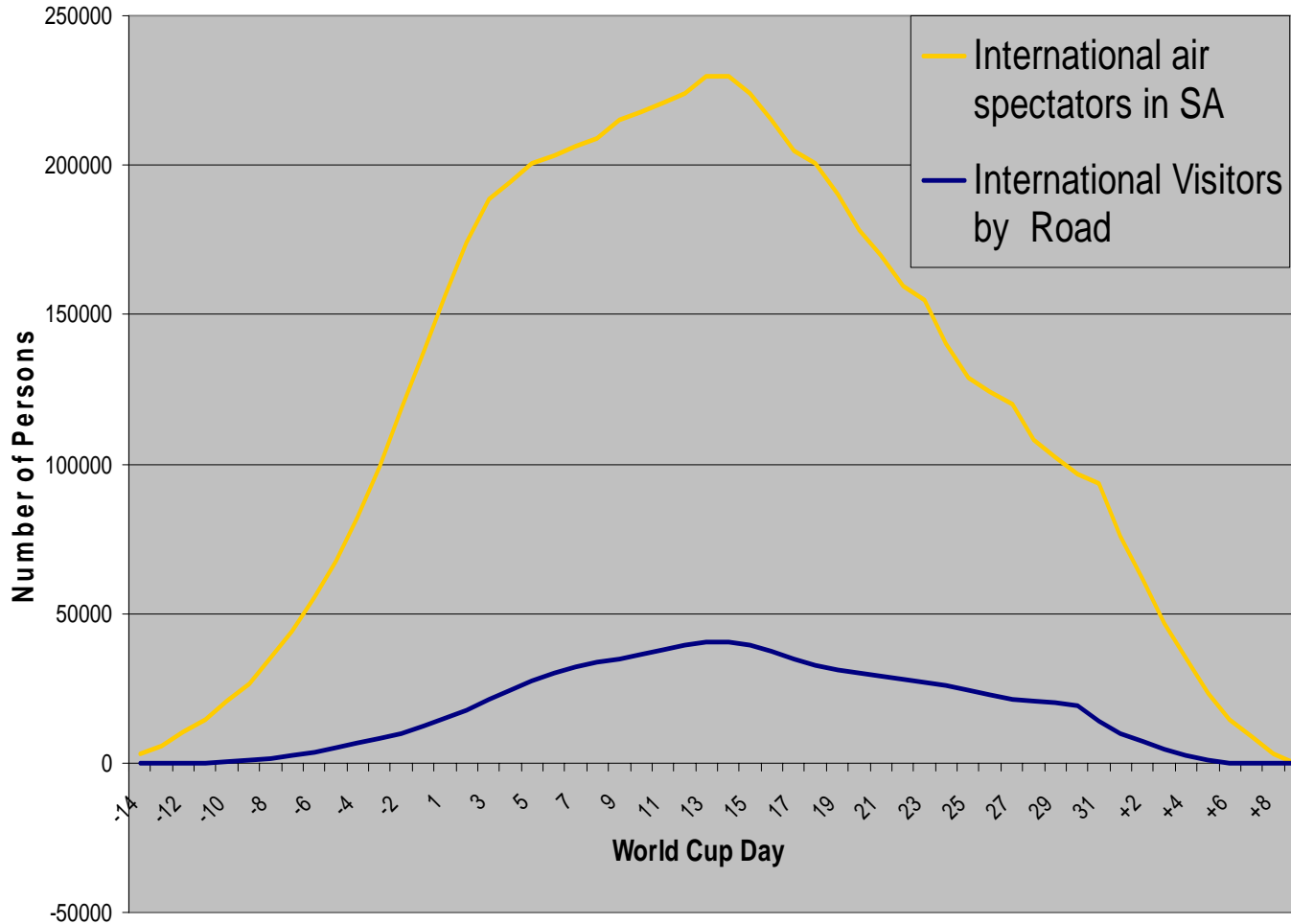


Scenario: Roving Supporters





International Arrive-Depart Profile



DAY	INT AIR PASS
-9	5851
-8	8777
-7	8777
-6	11702
-5	11702
-4	14628
-3	17553
-2	19016
-1	19016
1	19016
2	17553
3	14628
4	5851



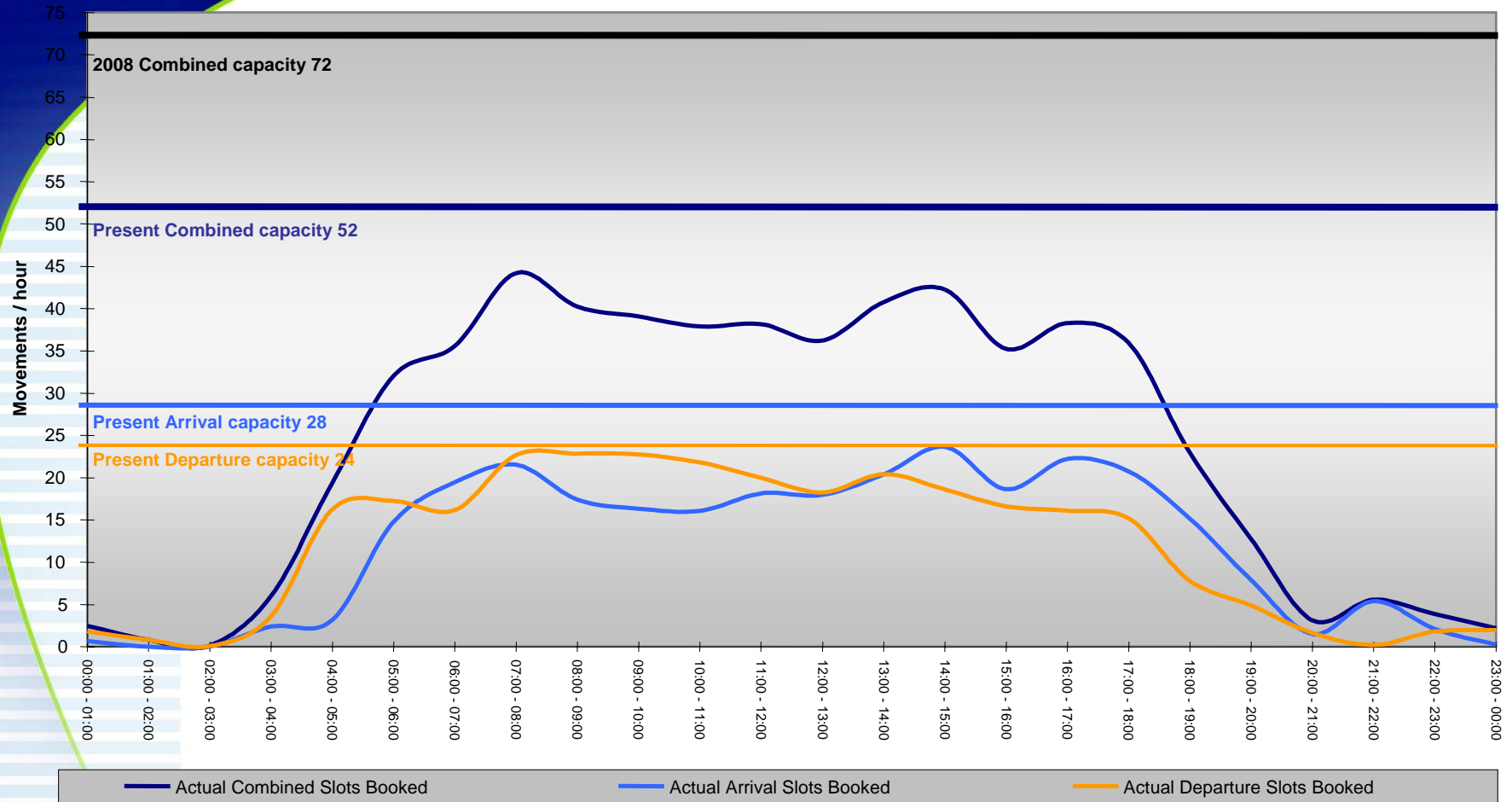
Day 15, Air Passengers

Travelling to and from Matches													
INTERNATIONAL													
40%													
TO CITY													
	Gauteng	Cape Town	Durban	PE	Bloemfontein	Nelspruit	Polokwane	Rustenburg	East London	Other	TOTAL		
FROM CITY	Gauteng	0	8891	7341	5290	0	0	0	728	0	22250		
	Cape Town	5187	0	117	445	18	711	0	0	0	6478		
	Durban	5084	771	0	1265	135	44	144	84	168	36	7731	
	PE	2856	1190	1025	0	0	0	270	0	0	0	5341	
	Bloemfontein	0	99	125	108	0	0	0	0	0	0	332	
	Nelspruit	0	944	44	750	0	0	0	0	0	0	1738	
	Polokwane	0	24	144	462	0	0	0	0	12	0	642	
	Rustenburg	0	0	16	0	0	0	0	0	0	0	1630	
	East London	444	0	1	0	0	0	0	0	0	0	612	
Other	0	0	0	0	0	0	0	0	0	0	600		
	13571	11919	106							908	36	47353	
REGIONAL													
20%													
TO CITY													
FROM CITY	Gauteng	0	2650	44	Johannesburg		20000+		400	170	8892		
	Cape Town	2100	0	8	Cape Town		9000+		54	34	3730		
	Durban	3545	792	5	Durban		7000+		240	0	5357		
	PE	995	636	1	Port Elizabeth		4500+		54	0	2465		
	Bloemfontein	80	124	1	Bloemfontein		3000+		4	24	430		
	Nelspruit	576	96	2					48	0	984		
	Polokwane	48	32	1					0	24	200		
	Rustenburg	0	200	1					0	48	488		
	East London	275	48	2					0	0	632		
	Other	110	24	0					0	0	188		
	7729	4602	6600	810	1221	7052	0	144	800	300	23366		
TOTAL													
FROM CITY													
	Gauteng	Cape Town	Durban	PE	Bloemfontein	Nelspruit	Polokwane	Rustenburg	East London	Other	TOTAL		
	0	11541	11761	5690	180	672	0	0	1128	170	31142		
	7287	0	933	553	504	807	0	36	54	34	10208		
	8629	1563	0	1505	435	284	144	84	408	36	13088		
	3851	1826	1535	0	162	0	270	108	54	0	7806		
	80	223	307	124	0	0	0	0	4	24	762		
	576	1040	308	750	0	0	0	0	48	0	2722		
	48	56	208	494	0	0	0	0	12	24	842		
	0	200	1790	80	0	0	0	0	0	48	2118		
	719	48	340	68	45	24	0	0	0	0	1244		
	110	24	90	450	54	60	0	0	0	0	788		
	21300	16521	17272	9714	1380	1847	414	228	1708	336	70718		

Domestic Arrival or Departure Passengers / Day		
Airport	2003 Effective Terminal Capacity	Forecast Effective 2010 Terminal Capacity**
Johannesburg	18 000	20 000+
Cape Town	6 000	9 000+
Durban	5 000	7 000+
Port Elizabeth	2 000	4 500+
Bloemfontein	2 000	3 000+

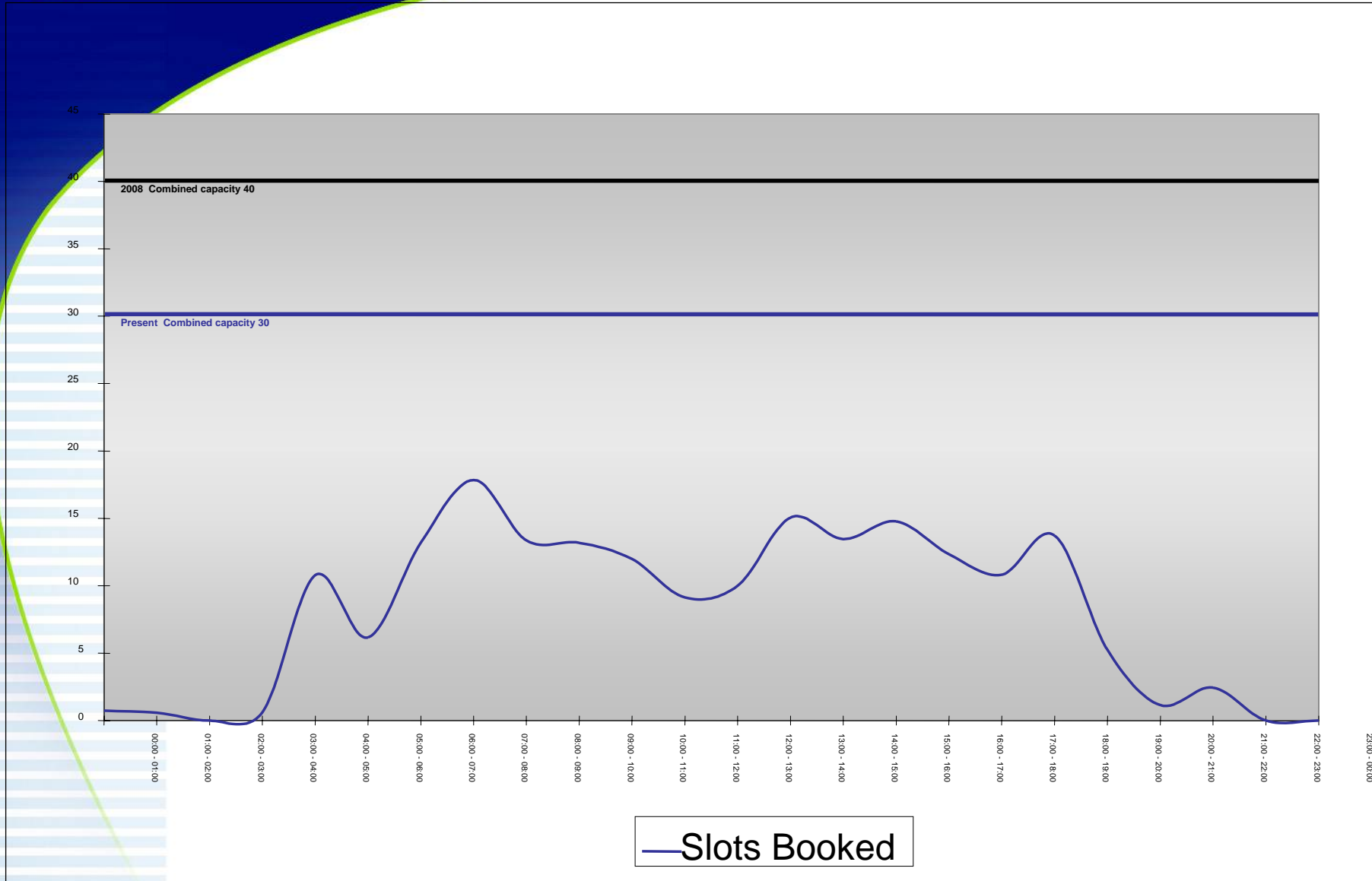


PRESENT SITUATION JOHANNESBURG



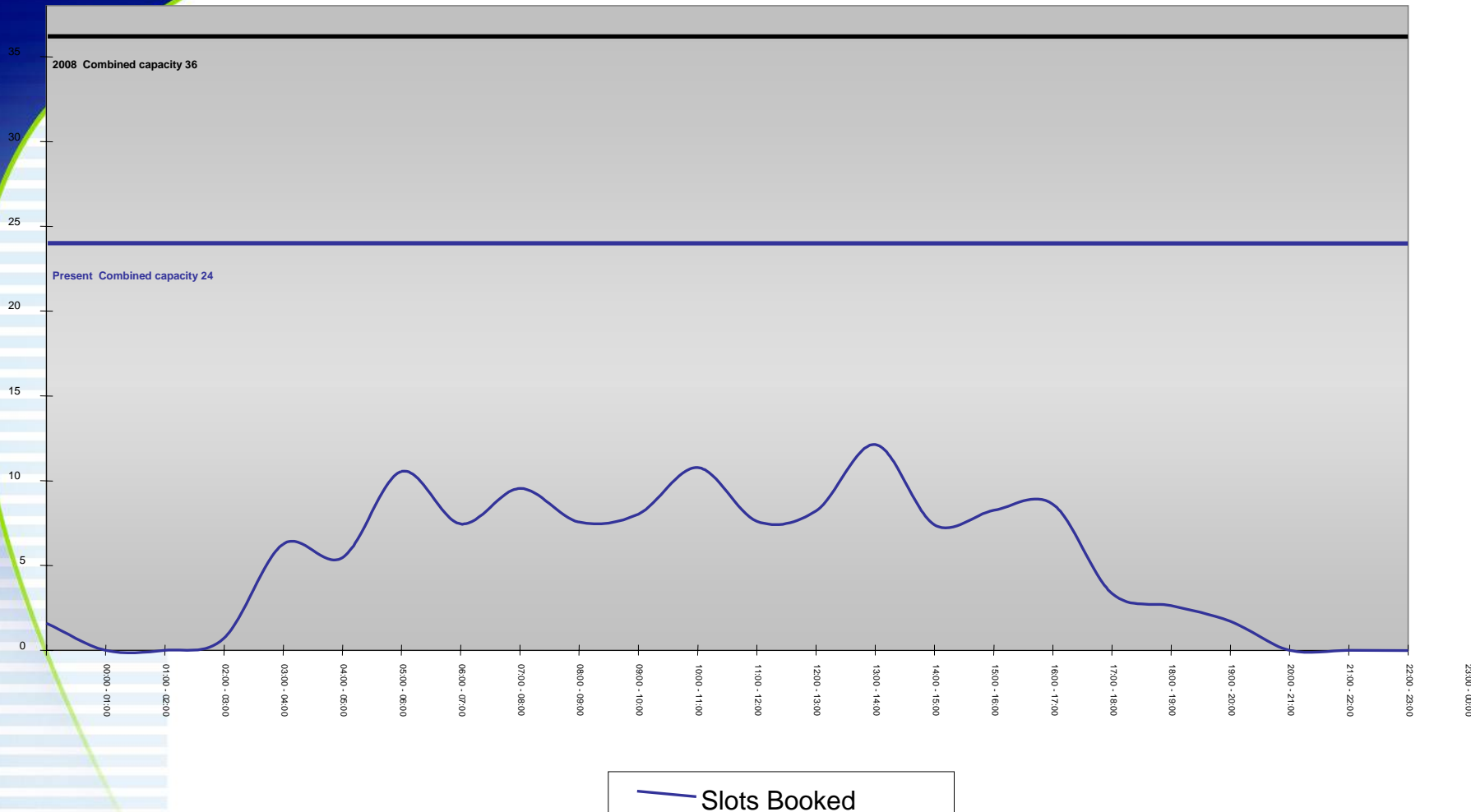


PRESENT SITUATION CAPE TOWN





PRESENT SITUATION DURBAN





ATNS INITIATIVES TO REACH CAPACITIES

Project No.	Project Name	Implementation Authority	Motivation For Project and Reasons	Brief Description	Funding Sources	Estimated Cost	Status	Project Risk	Target Completion Date
1	Reduced Final Approach Separation.	ATNS	Increased Capacity	Reduced Separation on Approach will increase capacity	Internal	NA	In progress	Nil	Completed
2	Reduced Separation. Terminal Control Area.	ATNS	Increased Capacity	Increased Air Traffic in the Terminal Airspace	Internal	NA	In progress	Nil	2006
3	Decreasing runway occupancy and pilot reaction times	ATNS/ Aircraft Operators	Decreasing runway occupancy and pilot reaction times	Reduced Runway occupancy and faster pilot reaction times equals increased capacity	ATNS	NA	On going	Low	On going
4	Standard Instrument arrivals and departures	ATNS	Increased Capacity	Increased arrival and departure rates	Internal	NA	In progress	Nil	2006
5	Central Airspace Management Unit	ATNS	Increased Efficiency Resulting in Increased Capacity	Complete Traffic Management Unit	Internal	R17 Million	Planning Complete	Low	2006/2007



ATNS INITIATIVES TO REACH CAPACITIES cont ..

Project No.	Project Name	Implementation. Authority	Motivation For Project and	Brief Description	Funding Sources	Estimated Cost	Status	Project Risk	Target Completion Date
6	Relax. Environmental Constraints.	ATNS/ACSA Local Community	Increased Capacity	Increased arrival and departure rates	Internal	NIL	NA	Medium	2009
7	Temp Radar	ATNS/ SAAF	Reduced Separations resulting in increased capacity	Installing Temporary Radars	DOT	R720 000	Concept	High	2010
8	Supplementary Staff	ATNS	PATC Training for Temporary Radar	Training of PATC for Radar Control	DOT	R5.4 Million (1 Airfield)	Pending	Medium	2009 - if required



RISKS

- **Airport Handling Capacity lower than Airspace Capacity**
- **Low Capacity Airports being utilized**
- **Funding of Additional Radars**
- **Funding of training for additional ATC's**
- **Industrial Action - 2010 agreements concluded in 2008**
- **Service level Agreements -2010 agreements concluded in 2008**
- **Airspace Security – additional resources**



Conclusion

- **ATNS has delivered a Priority Statement to DOT with it's strategy for 2010**
- **ATNS will be identifying key personnel and sending them to visit Germany after FIFA 2006**
- **ATNS has successfully participated in other major events, WSSD, NAM, Cricket and Rugby World Cup**



Conclusion

- **The experience gained at these events and with initiatives proposed, we are confident that airspace capacity will match the demand in 2010**