Adani Enterprises Ltd (AEL)

Firing on all cylinders



October 2007

Company in transition

(Rs) 750		Mkt cap: Rs160bn	
750		 4000MW power plants in Mundra & Maharashtra 	
		 Backward integration into coal mining (India & Indonesia) 	
600		 28msf real estate development 	
		 Bought ships for backward integration 	
450			
	Mkt cap: Rs9bn		
300	 Strategy to be a diversified trading operations 		 Likely to set up more power plants at Mundra, Maharashtra, other states
	 Trading across various commodities such as agri 		Looking for additional coal mines in India, Australia, Indonesia, etc
150	products, metals products, coal, minerals, etc		Additional real estate development
	J~~~~		 Possible value unlocking through IPO of power/ real estate assets
0			
Jan-02	Apr-02 Jul-02 Jan-03 Jul-03 Jul-03 Jan-04	Apr-04 Jul-04 Jan-05 Apr-05 Jul-05 Jan-06 Jan-06	Apr-uo Jul-06 Jan-07 Jan-07 Jul-07 Oct-07 Oct-07



Building blocks in place

Strong management capabilities

Identification of new growth opportunities at early stages - power trading, coal mining, power plants, etc

Consistent value add through vertical integration

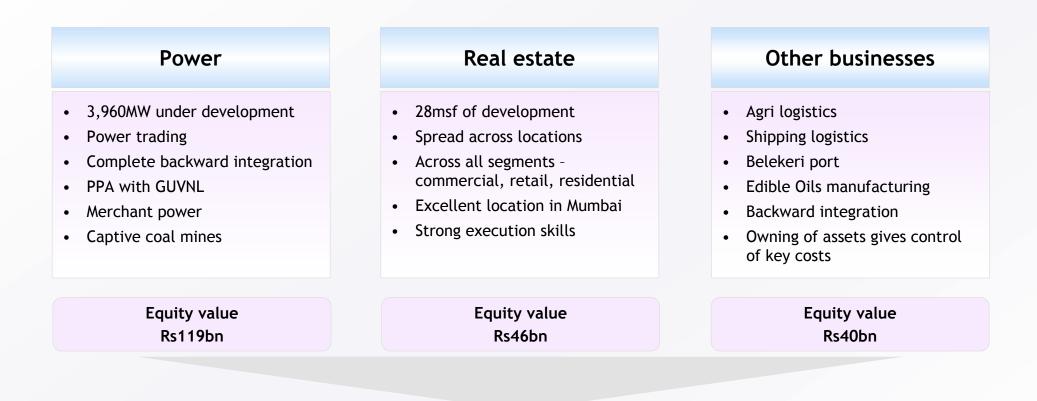
Proven project execution skills involving sharp financial acumen and risk mitigation skills

Strong clientele across the globe for various products

AEL

- 4000MW power capacity
- Real estate development of 28mn sq.ft
- Coal mining in Indonesia, India
- Largest private sector power trader
- Vertical silos of grain storage for FCI 1st in India

Potential multi bagger...



18-month SOTP of Rs1,003/share



Adani Enterprises - a snapshot



Power



Power - Vertically integrated

- Largest trader of imported coal
 - Imported approximately 8mtpa of coal for trading (34% of total traded coal in India)
 - Strong relationships with miners in Indonesia, China
- Entered coal mining in FY07 **Coal trading** Owns and operates a coal mine in Indonesia with 140mtpa reserves \checkmark LOI received for contract coal mining in India from RSEB for 200mtpa \checkmark Scouting for more mines in Australia, Indonesia and India \checkmark Entirely **Coal mining** Power trading integrated Setting up 3960MW power plants` 2640MW in Mundra \checkmark 1320MW in Maharashtra \checkmark Low cost of power due to coal sources from captive mines \checkmark Power generation Logistics support to provide timely and value add services Wholly-owned subsidiary in Singapore to manage shipping and freight operations \checkmark
 - \checkmark AEL has chartered around 273 ships to move various products of up to 11.6 mtpa in FY07



Coal mining - leveraging coal trading experience

Acquired 3,000 hectare coal block in Indonesia - Bunyu Island

- 140mn tons of estimated reserves
- Estimated overburden of 1-1.5 mtrs; favourable strip ratio of 1:3.5
- □ Mine in proximity to jetty; connected by conveyor belt
 - ✓ No separate road infrastructure required for intra-island transport of coal
- Mining rights obtained in phases
 - Phase 1 commercial operations from January 2008
 - ✓ Full scale operations from December 2008
- All-inclusive mining cost estimated at US\$13/ton

Contract coal mining for Rajasthan SEB

- □ Fixed price take-or-pay contract for supply of coal to Rajasthan SEB
 - ✓ AEL to conduct mining operations
 - ✓ Mine owned by RSEB
- 10mtpa of coal to be mined/ year; minimum quantity off-take of 8mtpa by Rajasthan SEB
 - Surplus quantity mined can be sold in open market





Value addition to coal assets - power generation foray



- Landed cost of coal only US\$23/ton
- Cost of generation just Rs1.77/unit

- Captive coal to power trading ownership of entire value chain
- Leveraging coal mines for setting up a 2,640MW thermal power plant at Mundra, Gujarat
 - Ensuring steady revenues from PPAs while capturing upside from merchant power
 - Signed a 25-year PPA with Gujarat Urja Vikas Nigam Ltd. (GUVNL) for 2,000MW
 - ✓ PPA of Rs2.6/unit no cap on ROE
 - 640MW to be sold on merchant basis huge potential upside
- Setting up a 1,320MW coal based power plant in Maharashtra, with a captive coal mine
 - Coal block allocated in Maharashtra 170mn tons reserves (calorific value of 5000 kcal)
 - 200 hectares of land allocated
 - Favourable location considering power deficit in Maharashtra

2,640MW Mundra power plant

Mundra Power Plant - key details							
	Phase 1	Phase 2	Phase 3	Phase 4			
Capacity (MW)	660	660	660	660			
CoD	Mar-09	Sep-09	Mar-11	Jun-11			
Project Cost (Rs mn)	22,803	20,700	29,085	29,085			
Gearing (x)	4	4	4	4			
Revenue	25-year PPA with GUVNL	25-year PPA with GUVNL; 320MW merchant	25-year PPA with GUVNL	25-year PPA with GUVNL; 320MW merchant			
Equity (Rs mn)	4,561	4,140	5,817	5,817			

- Steady revenues from 25-year PPA with GUVNL
 - 1000MW at Rs2.89/unit
 - ✓ 1000MW levelised tariff of Rs2.35/unit
 - PPA on fixed tariff basis no cap on ROE
- 640MW to be sold on merchant basis huge potential upside
 - Tariff assumed at Rs4/unit with no escalation
- Financial closure achieved for Phase 1 and construction started
 - Commercial operations likely by March 2009
- Phase 2 likely to be financially closed over the next 3 months
- EPC orders placed with SCMEC, China, for Phase 1 & 2 and with Shandong Power for Phase 3 & 4

1,320MW Maharashtra power plant

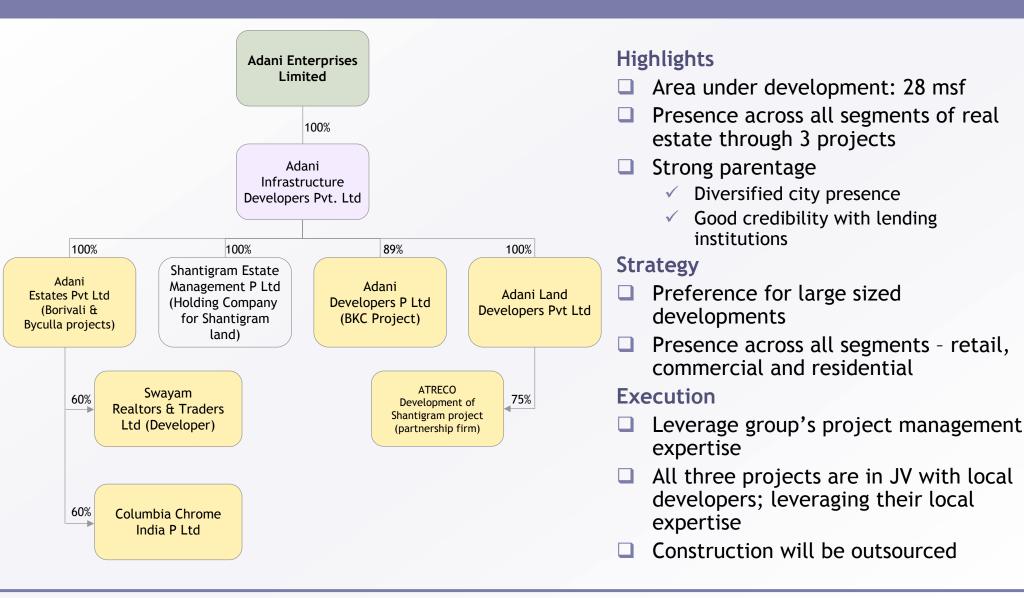
Maharashtra Power Plant - key details							
	Phase 1	Phase 2					
Capacity (MW)	660	660					
CoD	Oct-11	Apr-12					
Project Cost (Rs mn)	21,351	21,351					
Gearing (x)	3	3					
Revenue	Merchant plant	Merchant plant					
Equity (Rs mn)	5,338	5,338					

- 170mn tons coal block already allocated
- Plant to be located in proximity to coal block ~30kms away
 - Transport costs to remain low
- Captive mining to ensure extremely competitive cost of generation
- □ Assumed to be fully merchant power plant
 - Tariff assumed at Rs3/unit with no escalation
- Funding conservatively assumed at gearing of 3.0x
 - Mundra Phase 1 funded at 4.0x gearing
- Phase 1 CoD likely in Oct-11

Real estate



Leveraging Adani's project management skills





Bandra Kurla Complex - "Prime"d for value creation

Assumptions for NAV

300-350
3,300
17,320
15-16
FY13
10
89
Apr-08
Mar-12

- 2mn sq. ft of commercial development
- BKC is the suburban business district of Mumbai
 - Emerging alternative to existing financial centre at Nariman Point
 - Close proximity to domestic and international airports
 - Easy access to suburban residential areas
 - Project site located in International Finance and Business Centre
- □ 80% commercial development; 20% retail
- Lease model assumed with REIT-like takeout post development

BKC Value Drivers							
Emerging financial district Proximity to airports Alternative to Nariman Point Proximity to suburban residential areas							



Mumbai Mill Land Development - "Highway to Riches"

Assumptions for NAV

Developing 2 mill land in Mumbai

- 28.6 acres land in Borivali
- 12.2 acres in Byculla
- Land acquired through a BIFR process ensures clear title

Favourable project locations

- Borivali site close to Western Express highway and enjoys proximity to large residential areas
- Byculla site overlooks the busy Eastern Express Highway and is in proximity to alternative CBD at Lower Parel

Residential development at Borivali

- ✓ 1.3mn sq. ft. of saleable area
- Outright sale assumed
- Commercial development at Byculla
 - ✓ 0.8mn sq. ft. of saleable area
 - Lease model assumed, with REIT-like takeout post development

 Value drivers

 Clean title of land
 Favourable locations
 Land cost fully paid
 Potential upside from yield compression

Shantigram - large integrated township development

Assumptions for NAV

-	
Rentals (Rs / sq. ft. / month)	15
Realisations (Rs / sq. ft.)	1,750
Construction cost (Rs / sq. ft.): Residential Commercial	992 936
Land cost (Rs mn)	5,797
Discount rate (%)	18
Lease capitalised	FY16
Cap rate (%)	10
AEL stake (%)	75
Start of construction	CY07
Construction completed	CY15

- Integrated Township near Ahmedabad
 - Located 17kms from Ahmedabad city centre and 13kms from Gandhinagar city centre
 - Project site on upcoming Sarkhej-Gandhinagar Highway
 - Close to Ahmedabad-Delhi railway line
- Over 500 acres of development; ~24mn sq. ft. of saleable area (~1x FSI)
- Mix development plan residential and nonresidential
 - 12mn sq. ft. residential and 11.6mn sq. ft. non-residential development
- Construction to commence in early CY08
 - Development cycle assumed over 7 years

Mixed development							
SEZ	IT Parks	Hotels	Malls	Residential Units	Social Infrastructure		



Logistics and Trading



Agri business - diversified presence

Straddling across agri space - trading, oil refining and branding, logistics and cold storage management



- Accounts for over **15% of bulk trading** of agri products in India
- Owns *Fortune* largest edible oil brand in India
- Developing vertical silos of grains storage for FCI 1st in India
- Tapping the *emerging opportunity in cold storage and logistics management* for fruits and vegetables



India,

- One of the largest agrarian economies in the world
- But also one of the most unorganized and inefficient agri trading markets
- Lacks an AGGREGATOR in the space

Trading - an integrated play

- Diversified agri commodities leading player in soya, castor & pulses
- End to end management bulk sourcing, aggregating, logistics management & bulk distribution
- Global presence Europe, Japan, Korea, China, USA, Canada, Australia, South East Asia, Middle East, South Asia
- **Scale up** From 1.5m MT in FY07 to 3m MT in FY10



Adani Wilmar - dominant market player in edible oil

Indian edible oil industry

- Total annual consumption of 11m MT of edible oil in India
- □ Highly fragmented and dominated by local *ghanis*
- But, an evident shift from bulk to branded packaged oil

Adani Wilmar (50% owned by AEL) - Scale does matter

- An integrated player in fragmented market
- Largest single location edible oil refining capacity in India 3,500 tons per day
- □ Accounts for 45% of domestic soya oil and 13% of mustard oil market
- □ Fortune Amongst the top 50 FMCG brands in India and 17% of branded edible oil market
- □ Flanking brands Naturalle, Raag, Kachi Ghani
- Building a port based refinery de-risking from seasonality



Agro logistics chain solutions (FCI)

Adani Agri Logistics Limited (AALL)

- End to end agro supply solutions for Food Corporation of India (FCI) under Adani Agri Logistics Ltd (AALL) involving storage and distribution
 - ✓ 20 year long term contract
 - Guaranteed volumes for storage & distribution (400,000 MT at base depots and 150,000 MT at distribution depots)
- AALL developing vertical silos to store grains & bulk movement in top loading / bottom discharge wagons on BOO basis
 - ✓ Base Depot silos in states of Punjab & Haryana total storage 400,000 MT
 - ✓ Distribution silos in Tamil Nadu, Karnataka, Maharashtra and West Bengal total storage of 150,000 MT
 - ✓ 400 Special wagons for bulk grain transportation
- Base depots already operational and Distribution Depots to become operational by October 2007
- □ Project likely to be operational in FY08 at a cost of Rs5.6bn
- □ 100% income tax deduction for first 5 years & 30% for the next 5 years
- □ 100,000 MT of wheat movement projected in FY 2008

Cold chain logistics

- □ India 2nd largest fruits and vegetable cultivator
- But poor infrastructure resulting in high wastage and low processing
- □ More than 50% of wastages happen during transit and warehousing

Fruits & vegetables - Adani Agri Fresh Ltd.(AAFL)

- Setting up integrated cold chain logistics solutions for fruits and vegetables
 - Controlled atmosphere storage facility (CASF) close to production centers
 - ✓ Handling & Transportation
 - Own logistic cold chain to increase efficiency of the system
- Currently operational (started in August 2006) in 3 locations in Himachal Pradesh (near production centers) 18,000mtpa storage capacity
 - ✓ Handled 4800mtpa of apples in FY 07
 - Plans to procure around 25,000mtpa of apples in FY08
- To roll out pan India network Jammu, Maharashtra, Karnataka, Gujarat with procurement of new fruits
- AEL is likely to incur a capex of Rs1.4bn to expand its operations over the next 3 years
- Scale up from 4800 MT of apples in FY 07 to 25,000 MT in FY08

Other businesses - hidden value

Gas distribution network: Adani energy Ltd.

- Distribution of compressed & piped natural gas in Ahmedabad & Vadodara
 - Industries, commercial outfits, domestic users through a pipeline network
 - Vehicles through a CNG station network
- Present Status: 45 CNG Stations, 8000 Domestic, 245 Industrial & 95 Commercial connections
- Daily contracted quantity= 0.32 MMSCMD; Projected: 2.4 MMSCMD
- Planned steel ring network of 514 kms and PE network of 3163 kms across 6 cities

Oil & Gas Exploration : Adani Welspun Exploration Ltd.

- Backward integration measure
- Awarded two onshore blocks by GOI in recently concluded NELP VI through consortium
 - \checkmark AEL has a major stake of 65% with balance being held by Welspun group
 - \checkmark Total expected reserves are in the range of 50 MMBBL of Oil and 1500 MMSCM of gas
- One onshore block by Govt. of Thailand in Eastern provinces of Nakhon Ratchasima & Buri Ram with total area of 3900 sq. kms
- Plans to participate in the next NELP VII and actively looking at Indonesia, Australia, Egypt, Yemen for gas block

Risks

Power

- Delay in execution of power projects
- □ Risks of power sale of 1960MW merchant power
- Financial closure of power projects
- Higher cost of coal mining

Real estate

- □ Fall in real estate prices
- Delay in roll out of real estate plans

Trading

□ Impact of rupee fluctuations on inventory

Regulatory

- □ Promoters of AEL were barred from accessing capital markets for 2 years from May 2007
- □ SAT has recently given a stay order against the SEBI order



Financials and valuations

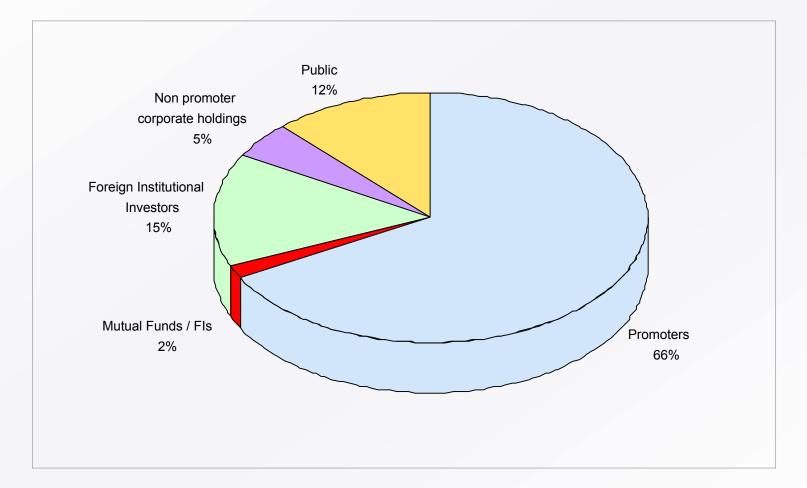
(Rs m)	FY04	FY05	FY06	FY07P	FY08E	FY09E	FY10E
Sales	89,112	150,053	123,415	169,491	168,473	217,146	291,655
EBITDA	1,393	2,131	3,162	4,702	6,378	11,510	32,485
OPM (%)	1.6	1.4	2.6	2.8	3.8	5.3	11.1
PAT	1,401	1,216	1,346	1,733	3,827	6,896	20,571
No. of shares (m)	220	221	226	247	247	247	247
EPS (Rs)	6.3	5.5	6.0	7.0	15.5	28.0	83.4
ROE (%)	21.5	17.0	16.9	17.3	28.5	36.7	63.3
ROCE (%)	21.9	18.7	9.4	11.7	7.6	9.8	20.1
PER (x)	6.3	10.9	10.0	29.9	41.7	23.2	7.8
EV / EBITDA (x)	8.6	9.2	7.4	16.9	36.0	20.9	6.7
% growth							
Sales	97.9	68.4	(17.8)	37.3	(0.6)	28.9	34.3
EBITDA	28.2	53.0	48.4	48.7	35.6	80.5	182.2
PAT	27.1	(13.2)	10.7	28.8	120.9	80.2	198.3
EPS	29.8	(12.8)	8.4	18.0	120.9	80.2	198.3



SOTP - 55% upside over 18 months

(Rs mn)	Stake	FY09	FY10	Remarks
2640MW Mundra Power plants	100%	78,912	91,921	NPV of equity cashflows discounted at 14-16%
1320MW Maharashtra Power plants	100%	40,470	47,479	NPV of equity cashflows discounted at 16%
Real estate (28mn sq ft)	100%	46,182	52,957	NPV of equity cashflows discounted at 14-18%
Adani Wilmar (Edible oil)	50%	1,946	2,427	15x earnings
Adani Agri Logistics Ltd (FCI storage silos)	100%	1,187	1,196	2x PBV
Adani Agri Fresh Ltd (Coal chain logistics)	100%	5,240	6,448	10x earnings
Coal trading		10,042	12,317	7x earnings
Agri Trading		1,562	2,143	5x EV/EBITDA
Other businesses (trading, port, etc)		20,126	30,013	6x earnings
Total Value		205,668	246,900	
Shares Outstanding (mn)		246	246	
Value (Rs/share)		835	1,003	
Current market price		648	648	
% Upside		29%	55%	

Shareholding pattern





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