

Andreas Härdter Angelo Bartoli Port-Net II
Project Financing

Tallinn, 14 June 2007





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## **UNICREDIT GROUP –** The First Truly European Bank

#### **UNICREDIT GROUP**

EUR 846.5 bn total assets 142,359 employees European network of 7,246 branch offices

#### **HVB**

EUR 362.9 bn total assets 60,881 employees European network of 2,378 branch offices

Key Figures as of 31.03.2007





## **Global Set-up**

#### **GLOBAL PRESENCE**

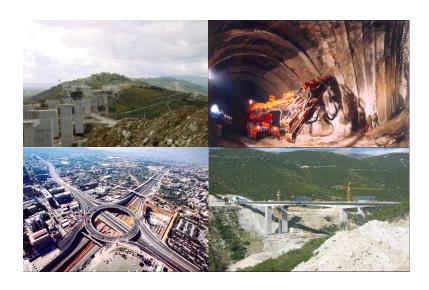


- More than 70 professionals all over the world
- Transaction teams combines Munich based sector specialists and
   11 regional structured finance transactors
- Currently 249 ongoing projects worldwide
- The current loan portfolio volume amounts to EUR 6.5 bn
- Leading IFC/EBRD lender

#### SECTOR FOCUSSED TEAM STRUCTURE IN MUNICH

Power & Environment	Transportation & PPP	Structured Commodity Finance	Telecommunication
Thermal Power		Natural Resources	
Renewable Energy		Oil & Gas	
		Industries	

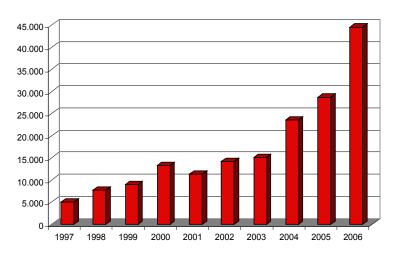
## **SECTOR FOCUS –** Transportation & Public Private Partnership



- Infrastructure is key to economic growth & success in countries worldwide
- Infrastructure project finance continues to grow rapidly with investment needs (including maintenance and life cycle spend) in € billions equivalent in many countries
- This market trend is foreseen to continue for at least the next 10 years

#### The market is booming

Closed transactions 1997 - 2006 Infrastructure & Transportation in USD m (Source Dealogic)



### **Experience -** Transportation & Public Private Partnership

- Project Finance experience since 1988
- Our Key Industries are:
  - Airports
  - Ports
  - Rail
  - Roads, Tunnel, Bridges
  - PPP / PFI projects
- More than 100 projects financed

2001, 2002, 2003, 2004, 2005, 2006 we received

**Deal of the Year Awards** for transactions we have lead-arranged e. g. Ankara Airport, Motorway Zagreb – Macelj, Pusan Port and HSL

- Munich based team with 14 specialists plus sector experts located in NY, Hong Kong and Madrid
- Our main focus is on EMEA where we have been No. 5 as MLA in Infrastructure Finance and No. 1 as MLA in Turkey\* in 2005
- Selective approach on global activities in the Americas, Asia and Australia



Asia Transportation

Deal of the Year 2006

- RiverCity Motorway -

**SURDMONIS** 

Transportation

Deal of the Year 2005

- Ankara Airport Terminal-

**ProjectFinance** 

European
Transport Multi-sourced
Debt Deal of the Year
PFI 2004

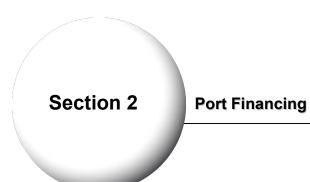
- Autocesta Zagreb-Macelj -

тномѕои

Infrastructure Deal of the Year 2003

- Pusan Newport -

\*Source: Deallogic, Infrastructure Journal, pfi Magazin

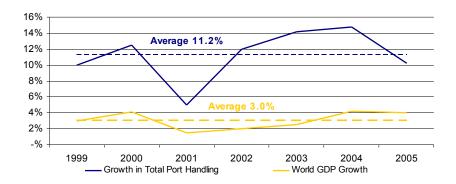


## Ports Industry and Financial Institutions – Long-Term Partnership

Why do banks engage in the port financing at all?

- Dynamic industry
- Increasing investment needs
- Growing business opportunities for banks

#### Global GDP Growth vs. Global Container Handling Growth, 1999 - 2005



## **Ports Financing –** Sources of Funds

Multiple Sources exist for the financing of the ports

- Equity
- Private equity
- Public equity (through IPO)

- Debt
- Balance Sheet Financing
- Financial institutions (Debt/Mezzanine Financing)

## Ports Financing – Uses of Funds

Each type of the deal requires a tailor-made solution

- Greenfield port project
- -> construction & operating period financing

Port expansion

-> capex financing of ongoing business

Port acquisition

-> upfront capital requirements

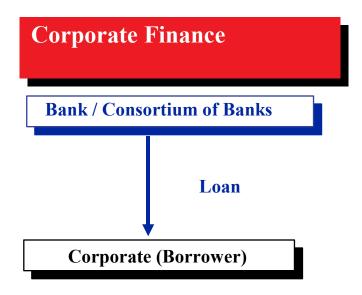


**Project Financing of Ports** 

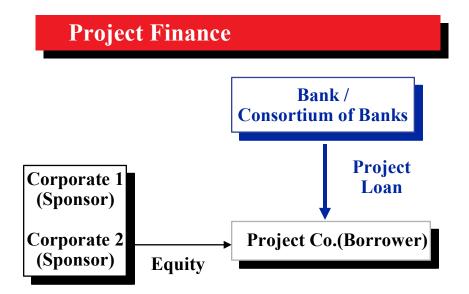
## Ports Financing of the Ports – Definition of Project Finance

- "Project Finance": asset based financing based on projected future cash-flows generated by the asset.
- Asset quality, cash-flow predictability and stability decisive for the bankability of a project.
- Tailored risk transfer to project parties.

## Ports Financing of the Ports – Corporate vs. Project Finance



- high creditworthiness
- full recourse on the company for the debt service
- balance sheet effective

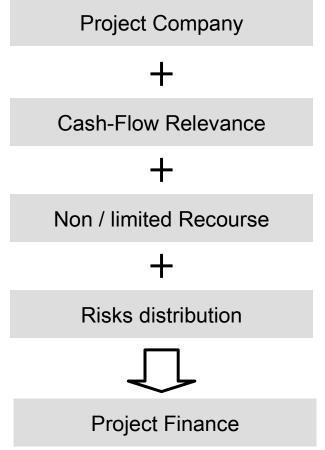


- Good asset quality
- Predictability and stability of future cash-flows
- Off-balance financing



#### Ports Financing of the Ports – Main Characteristics

4 main characteristics for a project finance structured deal

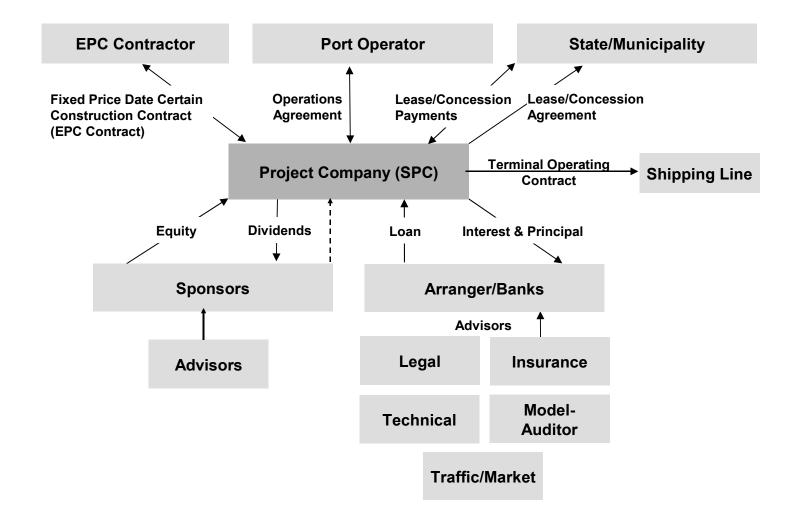


- Project company (Special Purpose Entity): the Project company is carrier of all rights and duties in connection with the port project and its financing
- Relevance of cash-flow: the Project Company's credit standing depends substantially on its expected cash-flow from the port operation and not on the balance sheets of the Project Company or its sponsors.
- Recourse: from financial close or upon fulfillment of predefined conditions, the lenders will have no (non-recourse financing) or limited (limited-recourse-financing) recourse to the sponsors.
- Risks allocation: project risks are structured in a way to be allocated among the involved parties which have the best capability to mitigate or absorb the relevant risks.



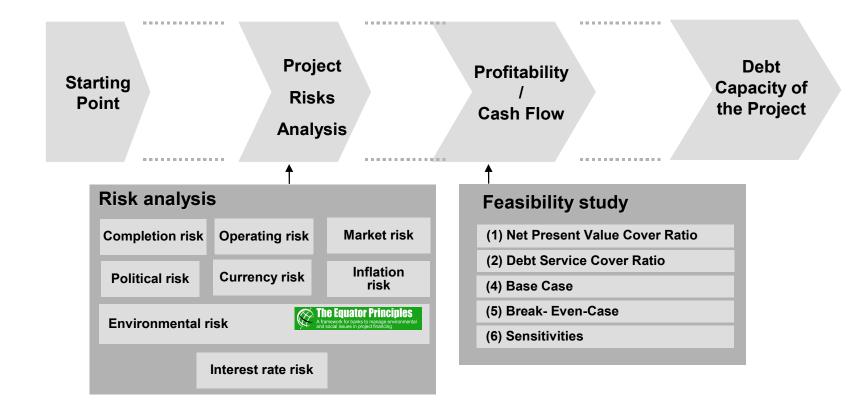
## Ports Financing of the Ports – Typical Structure

Sophisticated contractual structure with clear defined roles for all parties involved





## Check list for the Project 1/4



Check list for the Project 2/4

#### **Project Parties**

- Short presentation of each Project Sponsor
- Financial reports of all Project Sponsors
- Track record and financial standing of the general contractor and suppliers
- Epxerience of operating company



Check list for the Project 3/4

#### Project

- Envisaged corporate structure of the project
- Envisaged role and contractual relationsship between the project parties
- Asset description
- Historic financials if available
- Feasibility studies
- Time line
- Detailed cost breakdown



Check list for the Project 4/4

#### **Economic and Legal Aspects**

- Sources and uses of funds
- Cash flow forecasts
- Financial model analysis
- Contractual structure and securities / collaterals
- Legal environment / local law aspects
- Permits, Authorizations and Licenses

## Identifying Risk Factors confronting Port Projects

Risk Factors in Port Projects 1/3

Political Risks	Typical Risk Taker(s)	Possible Mitigants		
Expropriation, Nationalization, Confiscation (country risk)	Project Company / Insurer	Political Risk Insurance ("PRI"), Buy-out Provision		
Breach of Contract	Project Company / Authority / Insurer	PRI, Pre-agreed Dispute Resolution mechanism		
		Government pays debt and guaranteed equity return to the Project Company		
Currency Convertibility / Transferability Restrictions	Project Company / Insurer	PRI, Offshore Account Structure and regular transfers from on-shore to off-shore accounts.		
Political Violence – War, Terrorism, Civil Disturbance	Project Company / Insurer / Authority	PRI, Force Majeur Provisions		
Change in Laws	Project Company or Authority	Proper Provisions in Concession		

# Project and Commodity Finance Identifying Risk Factors confronting Port Projects

Risk Factors in Port Projects 2/3

Construction Risks	Typical Risk Taker(s)	Possible Mitigants
Delay	Contractor	Date Certain EPC Contract with proper Liquidated Damages / Retention, Buffer / Extension of Time in the concession, insurance
Cost overrun	Contractor /Authority	Fixed price EPC Contract, Compensation due to Authority requested changes
Design / Technology Risk	Contractor	Proven technology & design, experienced contractor / Sub-contractor, monitoring mechanism

## Identifying Risk Factors confronting Port Projects

Risk Factors in Port Projects 3/3

ŀ	Operational Risks	Typical Risk Taker(s)	Possible Mitigants		
	Macro-economic shock	Project Company / Operator	Robust financial structure, contingent sponsor support		
	Operating, Management and Maintenance Risk	Project Company / Operator / Sub- contractor	Experienced management / Sub-contractor		
	Security Risks	Project Company / Operator / Authority	Dedicated Security Team		
	Early Termination due to Operator Default	Project Company / Operator	Step-in Rights, Substitution Right		
	Traffic / Market Risk	Project Company / Operator / Authority	Conservative traffic projection, Terminal Operating Contracts with container lines		
	Financial Risks	Typical Risk Taker(s)	Possible Mitigants		
	Currency mismatch	Project Company	Robust financing structure to achieve Natural Hedge, Cross Currency Swap		
	Interest Rate Risk	Project Company	Interest Rate Swap, Fixed rate financing		

## From call to cash

Ca. 4 - 6 months until funds availability						
Phase 1 Project evaluation	Phase 2 Structuring/ Syndication	Phase 3 Financial Close	Phase 4 Drawdown			
Client's contact/call Project Information delivered	Start of due diligence (legal,market, insurance, environmental)	Due diligence reports completed	Conditions precedent			
Mandating HVB	Term sheet draft	Info memo completed	First draw down			
Structuring the financing	Info memo draft, (syndication)	Documentation completed				
Internal credit approval	Completion of the financial model (incl. sensitivities)	Financial close				
Mandating advisors	Syndication strategy	Syndication				
Kick off meeting	Drafting of the legal documents (loan, security, etc.)					
Due Diliger						
	Negotiations between all parties involved					
	Structuring / FC / First Draw Down / Syndication					



Market Overview/ Track Record

#### **Market Overview**

## **Port Financing Transactions 2005-2007**

Project Name	Country	Asset Type	Transaction	Debt (USD '000)	Tenor (years)	Date (year)
Mersin	Turkey	Port	Acquisition + Extension	600.000	13	2007
Sint Maarten Port	Netherlands Antilles	Cargo Terminal	Extension	86.000	15	2007
P&O Ports North America	USA	Ports Portfolio	Acquisition	1.273.000	7	2007
Halterm	Canada	Container Terminal	Acquisition	94.000	5	2007
Oriental Overseas	USA/ Canada	Container Terminal Portfolio	Acquisition	2.730.000	7	2007
Pyeongteak Grain port	South Korea	Grain Terminal	Greenfield	180.566	18	2006
Blue Ocean Port	Japan, Taiwan, USA	Ports Portfolio	Acquisition + Extension	895.000	5	2006
Dalrymple Bay Coal	Australia	Coal Terminal	Extension	389.230	5	2006
Peel Ports	United Kingdom	Ports Portfolio	Acquistion	2.288.700	7	2006
Associated Bristish Ports	United Kingdom	Ports Portfolio	Acquisition	5.132.743	8	2006
Gdansk Deep Sea Terminal	Poland	Container Terminal	Greenfield	239.763	13	2006
Multiterminais Alfandegados	Brazil	Port	Acquisition	66.000	5	2006
Incheon Noth General Port	South Korea	Port	Greenfield	123.269	18	2006
Container Terminal 9	Hong Kong	Container Terminal	Refinancing	160.958	5	2006
Dalrymple Bay Coal	Australia	Coal Terminal	Extension	505.498	20	2006
Pyeongteak Inner Harbor	South Korea	Container Terminal	Greenfield	171.252	24	2006
DP World	Worldwide	Ports Portfolio	Acquisition	6.500.000	5	2006
Port of Geelong	Australia	Port	Refinancing	43.579	n.a.	2006
Constanta South CT	Romania	Container Terminal	Extension	24.800	8	2006
Altamira Port	Mexico	Port	Extension	18.200	n.a.	2006
PD Ports	United Kingdom	Ports Portfolio	Acquisition	78.000	1	2005
Marport Extension	Turkey	Container Terminal	Extension	85.000	9	2005
Antwerp Port Upgrade	Belgium	Container Terminal	Greenfield	256.204	12	2005
Flinders Ports	Australia	Ports Portfolio	Refinancing + Extension	137.250	5	2005
Port of Portland	Australia	Port	Refinancing	53.640	5	2005
Pusan Sea Port	South Korea	Container Port	Refinancing + Extension	765.000	14	2005

# Project and Commodity Finance **TOMBSTONES –** Ports

#### **MERSIN**



Project Financing USD 600.000.000

Mandated Lead-Arranger 2007

#### **HALTERM**



Project Financing CAD 172.000.000

Mandated Lead-Arranger 2007

#### MARPORT II



Project Financing USD 190.000.000

Mandated Lead-Arranger 2005

#### PUSAN NEWPORT Phase 1-2



Project Financing USD 1.800.000.000

Lead-Arranger 2005

#### **MARPORT**



Project Financing USD 140.000.000

Co-Arranger 2002

#### **ALTENWERDER**



Project Financing EUR 394.000.000

Arranger 2001

#### **VALPARAISO**



Project Financing USD 170.000.000

Participant 2001

#### DALRYMPLE BAY COAL TERMINAL



Project Financing AUD 885.000.000

Co-Arranger & Co-Underwriter 2001

## ASIA CONTAINER TERMINAL



Project Financing HKD 3.689.000.000

Lead-Arranger 2000

#### **EXOLGAN**



Project Financing USD 23.000.000

Co-Underwriter 1999

### **TRACK RECORD - Ports**

#### **Transportation/PPP**

#### **Ports Track Record**

					Project size		
Project Name	HVB's Role	Туре		in '000	Location	Year	
Mersin	Mandated Lead-Arranger	Port	USD	600.000	Turkey	2007	
Halterm	Mandated Lead-Arranger	Container Terminal	CAD	172.000	Canada	2007	
Dubai Port World	Underwriter	Port Terminals	EUR	200.000	United Arab Emirates	2006	
Marport II	Mandated Lead-Arranger	Container Terminal	USD	140.000	Turkey	2005	
Pusan Newport (Phase 1)	Lead-Arranger	Container Terminal	USD	1.800.000	Korea	2005	
Pusan Newport (Phase 1-1)	Mandated Lead-Arranger	Container Terminal	USD	1.200.000	Korea	2003	
Marport I	Co-Arranger	Container Terminal	USD	140.000	Turkey	2002	
Altenwerder Container Terminal	Arranger	Container Terminal	EUR	394.000	Germany	2001	
Dalrymple Bay Coal Terminal	Co-Arranger & Co-Underwriter	Harbour Terminal	AUD	885.000	Australia	2001	
Gateway Containers Ltd.	Joint-Arranger	Container Terminal	USD	420.000	USA	2001	
Montevideo Container Terminal (TCP)	Arranger	Container Terminal	USD	92.000	Uruguay	2001	
Valparaiso	Participant	Container Terminal	USD	170.000	Chile	2001	
Asia Container Terminal Limited	Lead-Manager	Container Terminal	HKD	3.689.000	Hong Kong	2000	
San Antonio Container Terminal	Joint-Arranger	Container Terminal	USD	203.000	Chile	2000	
Exolgan	Co-Underwriter	Container Terminal	USD	23.000	Argentina	1999	
Salalah Port Services	Lead-Manager	Container Terminal	USD	113.000	Oman	1998	
River Trade Terminal	Underwriter	Harbour Terminal	HKD	6.014.000	Hong Kong	1997	



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