



FREIGHT

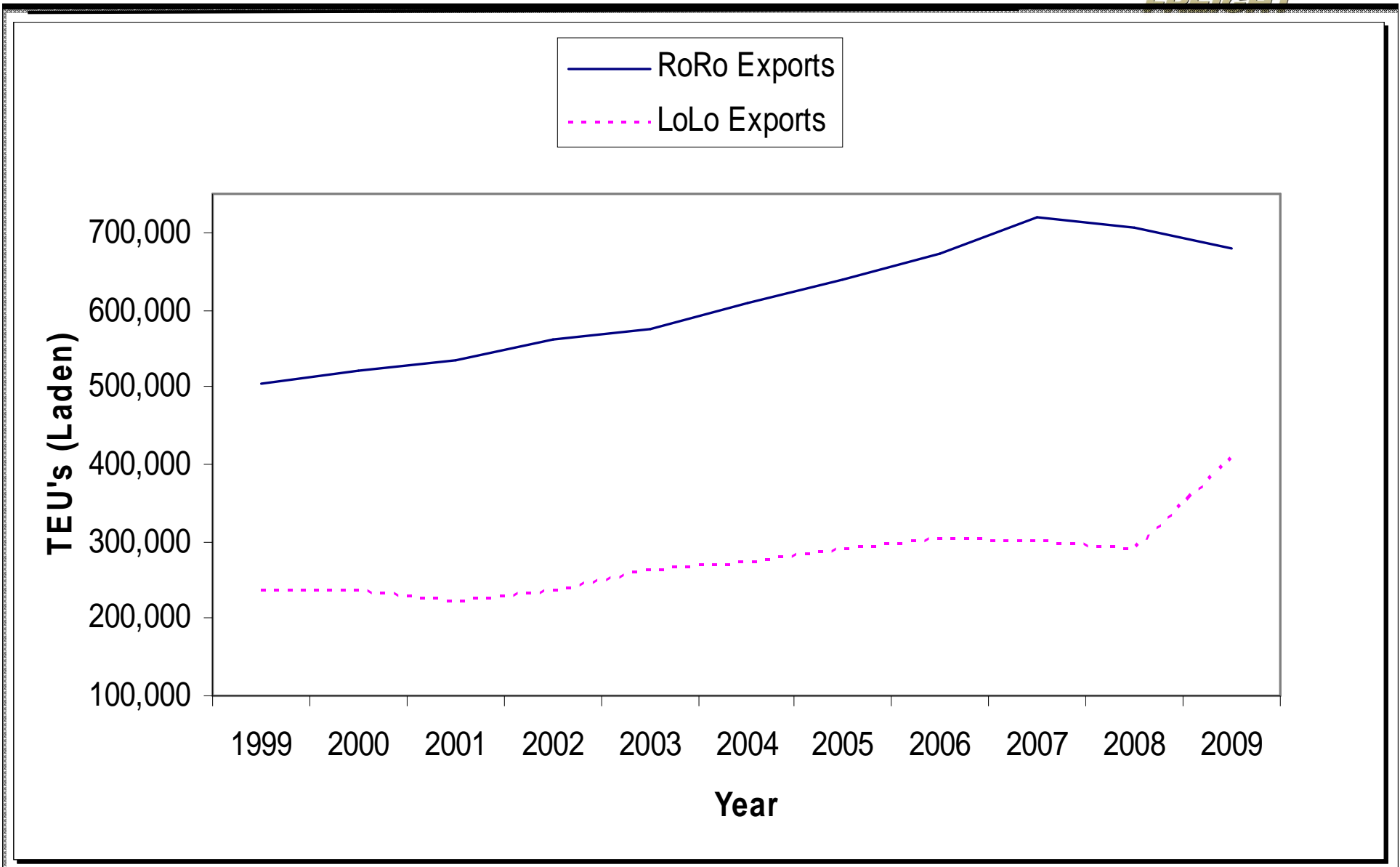
**Competitive and Resource Efficient Transport Services
Gerard Trant – Nautical Enterprise**

Overview

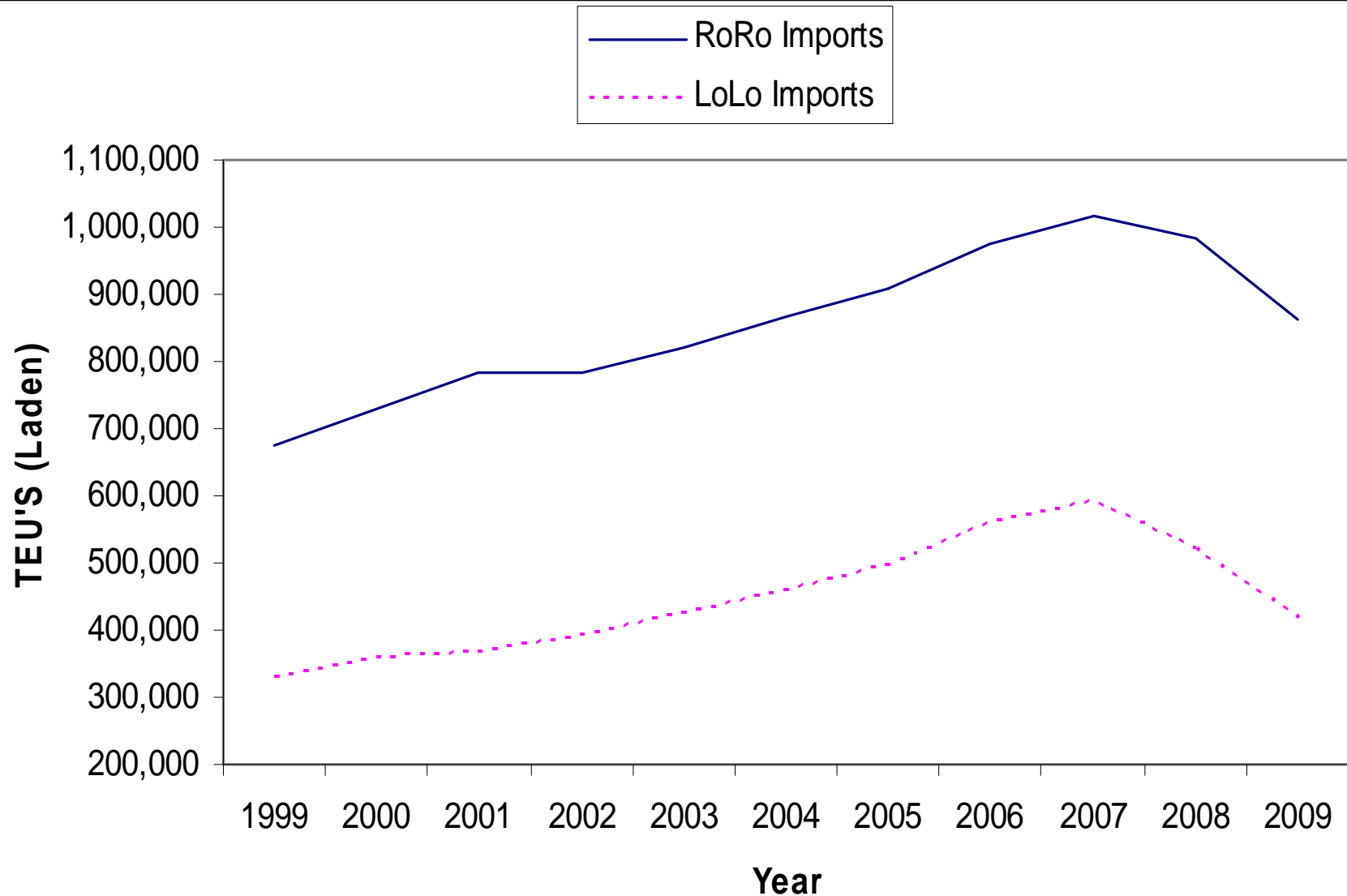


- **The Market for Unitised freight services throughout Ireland, with particular emphasis on the Port of Cork, as part of the business case for the e-Freight Project.**
- **The potential of Port of Cork, through new and improved quality ConRo/LoLo Services**
- **E-Freight technologies and capabilities supporting the advancement of more efficient and reliable co-modal freight services.**

Ireland's Unitised Trade



Ireland's Unitised Trade



POC Hinterland and Market Share



- **Current LoLo market share of 54%**
- **Negligible RoRo market share**
- **Unlimited Potential**

	Estimated RoRo TEU's in POC's Hinterland	Estimated LoLo TEU's in POC'S Hinterland	Potential Market for High Quality ConRo/LoLo
Imports (TEU'S)	82,943	108,487	191,430
Exports (TEU'S)	75,484	123,199	198,683
Total (TEU'S)	158,427	231,686	390,113

e-Freight receives funding from the EC FP7 Sustainable Surface Transport Programme

Capitalising on the Potential



Capitalising on the Potential



- **Cork is the principal city and industrial centre in the province of Munster**
- **Port of Corks has the geographical advantage to mainland Europe**
- **Chanel to Ringaskiddy's deep water terminal can handle up to 11.7m in draft on the lowest astronomical tide**

Capitalising on the Potential



- **Deployment of high quality ConRo / LoLo services between Cork harbour and Mainland Europe.**
- **Initiation of new efficient RoRo services to Spain and Western France.**
- **Possibility of a connection to North America**

Benefits of Efficient ConRo/LoLo vessels



- **Cost savings of approximately €9.3m per year to importers/exporters.**
- **Reductions in Green House Gas emissions (GHG) of 40,000 tonnes per year.**
- **Wealth generation to of €354m per year**

RoRo from Cork to Spain



- **Two trips per week could be achieved.**
- **At present market poorly serviced**
- **Fast reliable service necessary.**

**RoRo D2D Price
(Limerick to Madrid)**

€1900 per Trailer

**Trucking via British
Landbridge D2D Price
(Limerick to Madrid)**

€3,300 per Trailer

Connection to North America



- **USA Irelands second largest trading partner.**
- **Lower transshipment costs and delays.**
- **Cork Harbour's ideal location for Transatlantic services.**

E-Freight Support Services



- **Serving the logistical priorities of Shipper's**
- **The importance of reliability to clients**
- **E-freight will facilitate the exchange of secure, digitised, standardised messages between all parties in a freight transaction and transportation.**
- **The development of highly efficient and reliable multimodal services to satisfy the needs of the market.**

E-Freight Support Services



- The creation and support of **“Coopertive Unitised Services”**
- Risks and establishment costs mitigated
- Highly efficient, marketable services.

Conclusion



Eivand Kolding, CEO of Maersk shipping lines, 7th June 2011:

- **Reliability rather than price will be the new imperative, with a target of 85% reliability set for 2011**
- **One-click cargo bookings, making booking cargo as easy as booking a seat on an aeroplane.**
- **GHG emissions reduction of 25% between 2010 and 2020 per cargo unit.**

Conclusion



- **The potential of the Port of Cork, deployment of new services and capabilities.**
- **E-Freight providing key technological services to support the advancement of freight transport throughout Europe.**

Conclusion



PORT OF CORK

The Shortest Route from Ireland to Mainland Europe

