



# Module Four

## European Experience & Conclusions

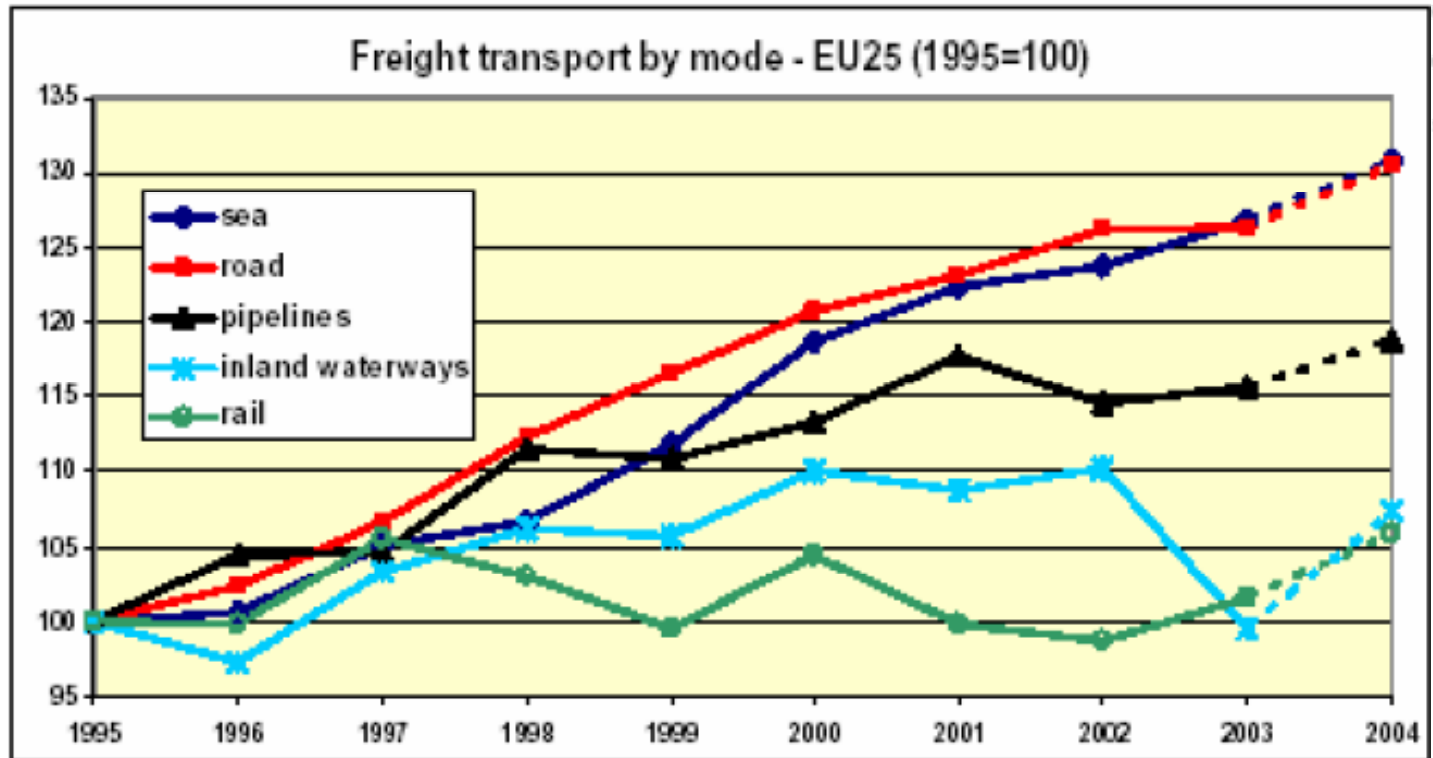
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Available for free download at  
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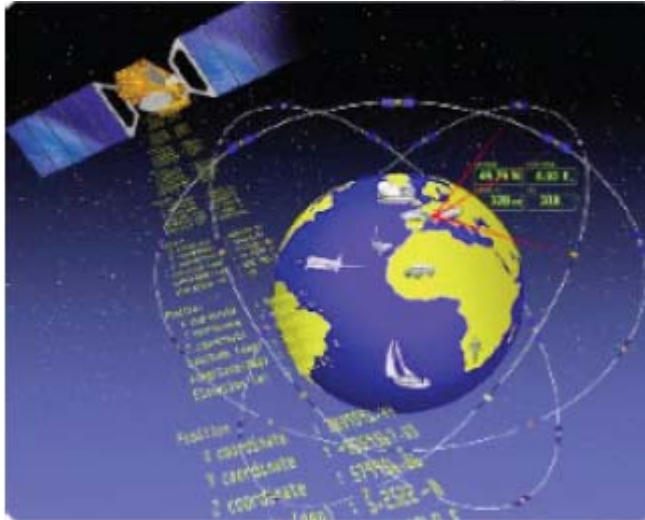


THE UNIVERSITY  
*of*  
**WISCONSIN**  
MADISON

# EU Freight By Mode



# Galileo



- ❖ GPS traveler info & route selection
- ❖ Maritime communication
- ❖ Rail traffic control
- ❖ Shipment monitoring

# EU Road and Rail Projects



- |   |   |  |  |
|---|---|--|--|
| 1. High speed rail corridor across northern Italy   | 9. Conventional rail Dutch-German border (cross-border) | 13. High speed rail (Sweden)                         | 17. Road 100 between Catania and Palermo (completed) |
| 2. High speed rail (UK)                             | 10. High speed rail (Spain)                             | 14. Road 100 between Catania and Palermo (completed) | 18. Road 100 between Catania and Palermo (completed) |
| 3. High speed rail (Italy)                          | 11. Road 100 between Catania and Palermo (completed)    | 15. Road 100 between Catania and Palermo (completed) | 19. Road 100 between Catania and Palermo (completed) |
| 4. High speed rail (Spain)                          | 12. Road 100 between Catania and Palermo (completed)    | 16. Road 100 between Catania and Palermo (completed) | 20. Road 100 between Catania and Palermo (completed) |
| 5. Conventional rail combined transport between UK  | 13. High speed rail (Sweden)                            | 17. Road 100 between Catania and Palermo (completed) | 21. Road 100 between Catania and Palermo (completed) |
| 6. High speed rail combined transport between Italy | 14. High speed rail (Spain)                             | 18. Road 100 between Catania and Palermo (completed) | 22. Road 100 between Catania and Palermo (completed) |
| 7. Greek motorway Patras and Via Sparta             | 15. Road 100 between Catania and Palermo (completed)    | 19. Road 100 between Catania and Palermo (completed) | 23. Road 100 between Catania and Palermo (completed) |
| 8. Motorway 100 between Spain-Catalan border        | 16. Road 100 between Catania and Palermo (completed)    | 20. Road 100 between Catania and Palermo (completed) | 24. Road 100 between Catania and Palermo (completed) |
- High speed rail  
— Conventional rail  
— Road
- \* Decided 1992/93, notified by 1995/96

# UK Maritime Motorways



# Scotland-Continent Ferry







# Istanbul RoRo Terminal



CFIRE

# The EU Transport Plan

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- ❖ Mode shift to water and rail
- ❖ Ambitious plans for building roads, rails and ports
- ❖ Transportation GPS



# Factors in Logistics

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- ❖ Cost reduction
- ❖ Inventory and service
- ❖ Service and mode choice
- ❖ Rails as for-profit companies
- ❖ Corridor density
- ❖ Mode and product value and service needs
- ❖ Truck-rail intermodal constraints

# Public Sector Implications

- ❖ More complex congestion solutions
- ❖ System management
- ❖ Proactive private sector relations
- ❖ More holistic approach
- ❖ Realistic approach
- ❖ Facilitator role
- ❖ Innovative institutions
- ❖ Innovative financing