



**Wherever you go**

**Digital Ship Dubai, April 17**

**Using IT to  
manage delivery of spares to vessels**

**Speaker - Chris Steibelt, Managing Director  
GAC Marine Logistics**



Wherever you go

# IT Applications

## Systems Available

- Email
- SKYPE / MSN
- Tracking systems
  - Couriers, Airlines, Shipping lines
- Online schedules
- Port Information
- Ships Register
- E Marketplace
- E Clearance
- Proprietary tracking systems





Wherever you go

# IT Applications

## Own Tracking System

**GACML.COM**

Welcome to GAC Marine Logistics' Online Order Management and Tracking System.

Login to create/update the order details or to track your order.

Only one Login ID is allocated per office. If you don't have a login id contact GML. Please note that the User ID and Password are case sensitive.

The web portal is redesigned and if you have any queries or problems in logging in please contact [gml@gacworld.com](mailto:gml@gacworld.com)

Site best viewed in 1024 x 768 Screen Resolution

**Login**

User name:

Password:

Remember my password

[Forgot Your Password? CLICK HERE](#)

**Purchase Orders**

| PO Number    | Principal | Vessel | Supplier                        | Warehouse | Terms | Collect Date  | Pcs | Weight | Ixbxh (m)  | Last Updated    |
|--------------|-----------|--------|---------------------------------|-----------|-------|---------------|-----|--------|------------|-----------------|
| TMAS 0029424 | Team D    |        | Separator Spare Parts           | London    | FCA   | Separator Spa | 1   | 1.00   | 0.30x0.01  | 15-Apr-07 14:52 |
| TSEA 0026917 | Team C    |        | Hallam Power Limited            | London    | FCA   | Hallam Power  | 1   | 88.00  | 0.100x0.1  | 15-Apr-07 14:52 |
| TRIT 0027237 | Team C    |        | Hallam Power Limited            | London    | FCA   | Hallam Power  | 1   | 57.00  | 0.70x0.51  | 15-Apr-07 14:52 |
| TNEX 0024998 | Team A    |        | Globetech Services Ltd.         | London    | FCA   | Globetech Ser | 4   | 109.00 |            | 15-Apr-07 14:52 |
| TSIT 0027365 | Team E    |        | BARTHELS+LUDERS                 | Hamburg   | FCA   | BARTHELS+LL   | 1   | 7.50   | 0.25x0.21  | 15-Apr-07 14:30 |
| TSIT 0026420 | Team E    |        | BARTHELS+LUDERS                 | Hamburg   | FCA   | BARTHELS+LL   | 1   | 82.00  | 0.60x0.51  | 15-Apr-07 14:30 |
| TCAP 0021922 | Team A    |        | Macgregor - Norway              | Oslo      | FCA   | Macgregor - N | 0   | .00    |            | 12-Apr-07 15:29 |
| TMAR 0021859 | Team D    |        | Separator Spare Parts           | London    | FCA   | Separator Spa | 1   | 29.00  | 0.47x0.41  | 12-Apr-07 07:51 |
| TMER 0027026 | Team D    |        | HALLAM POWER LIMITED            | London    | FCA   | HALLAM POWI   | 1   | 180.00 | 0.120x0.1  | 12-Apr-07 07:51 |
| TSUN 0027127 | Team C    |        | Hallam Power Limited            | London    | FCA   | Hallam Power  | 2   | 41.00  | 0.160x0.1  | 12-Apr-07 07:51 |
| TSTA 0027687 | Team C    |        | Hallam Power Limited            | London    | FCA   | Hallam Power  | 1   | 8.00   | 0.62x0.51  | 12-Apr-07 07:51 |
| TSUN 0023854 | Team C    |        | Globetech Services Ltd.         | London    | FCA   | Globetech Ser | 2   | 48.00  | 0.50x0.41  | 12-Apr-07 07:51 |
| TSUN 0025531 | Team C    |        | Worldwide Marine and Ind.London | London    | FCA   | Worldwide Ma  | 2   | 49.00  | 2 x (0.40) | 12-Apr-07 07:51 |
| TRIT 0025542 | Team C    |        | Worldwide Marine and Ind.London | London    | FCA   | Worldwide Ma  | 1   | 8.00   | 0.49x0.3   | 12-Apr-07 07:51 |
| TLOR 0026638 | Team C    |        | Worldwide Marine and Ind.London | London    | FCA   | Worldwide Ma  | 1   | 8.00   | 0.33x0.3   | 12-Apr-07 07:51 |

**Logistics Orders for PO # 57185**

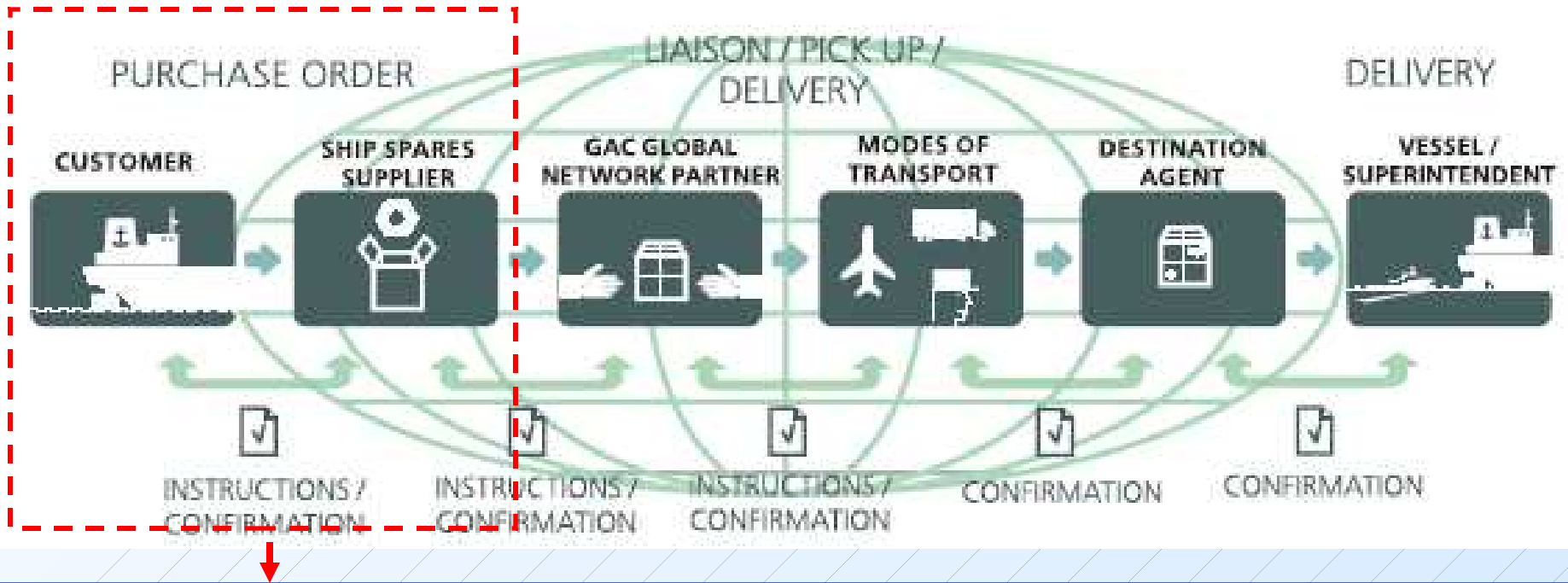
| LO ID | Job Type    | Mode | Origin | Destination | Event        | Flight No. | Way Bill No. | Event Notes                                    |
|-------|-------------|------|--------|-------------|--------------|------------|--------------|--|
| 20534 | WH to Port  | Sea  | London | Singapore   | Order Placed |            |              |  |
| 20548 | To WH (FCA) | Land | London |             | Consolidated |            |              | as per confirmation recd. from GAC - Mr. Phil. |

illustration



Wherever you go

# Logistics Service Provider's Tracking System



- Receive Purchase Order information



Wherever you go

# Logistics Service Provider's Tracking System

The screenshot displays the GAC Logistics Tracking System interface. At the top left is the GAC logo. Below it, there are search filters for PO ID, PO No., Vessel, Supplier, Principal, and Event, with a Search button. The main content is divided into two panels: 'Purchase Order # 1501 0027365' and 'Logistics Orders'.

**Purchase Order # 1501 0027365**

- Principal: Thorsten Teich
- PO Number: 1501 0027365
- Vessel: Top Transit
- Supplier: BARTHELS-LUCERS
- Weight: 7.800 KG
- Volume: 500 CBM
- Pieces: 1
- Measurements: 825x525x19
- Warehouse: Hamburg
- Collection Date: 7-500
- Terms: FCA

**Logistics Orders**

| LO ID | Type | Mode | Origin  | Destination | Origin Agent       | Destination Agent  | Flight No. | Way Bill No. |
|-------|------|------|---------|-------------|--------------------|--------------------|------------|--------------|
| 20033 | Wh   | L    | Hamburg | Bremen      | ITG GmbH Frankfurt | ITG GmbH Frankfurt |            |              |
| 20790 | Tc   | L    | Hamburg |             | ITG GmbH Frankfurt |                    |            |              |

Below the order details are buttons for 'Events', 'Documents', and 'Back'. The 'Events' section shows a table of activity:

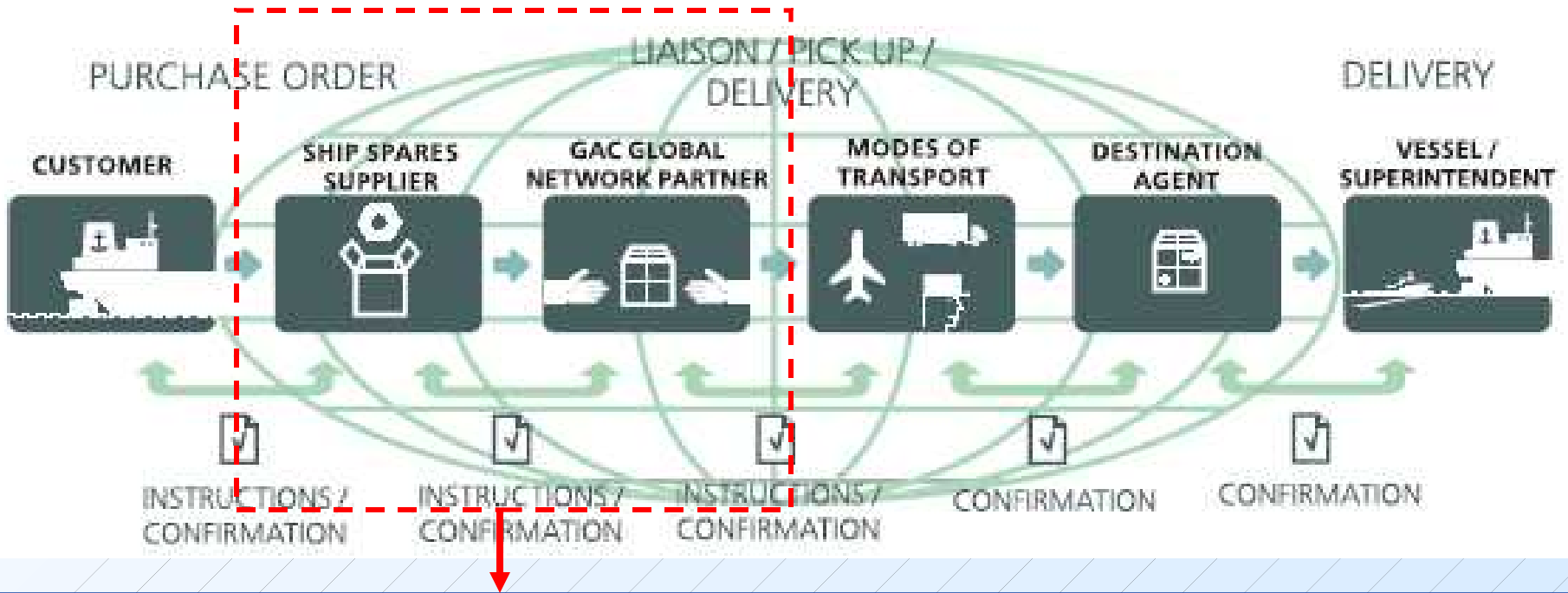
| LO Ref. No. | Event                   | Date         | Notes                                     | Updated By |
|-------------|-------------------------|--------------|---|------------|
| 20033       | Received at Destination | 150407 15:31 | as per confirmation recd. from ITG Bremen | drive      |
| 20033       | Order Placed            | 150407 14:02 |   | drive      |
| 20790       | Consolidated            | 150407 14:02 |   | drive      |
| 20790       | Received at Warehouse   | 150407 07:07 |   | drive      |
| 20790       | Order Placed            | 150407 12:48 |   |            |

illustration



Wherever you go

# Logistics Service Provider's Tracking System



- **Automated instruction to local office**



Wherever you go

# Logistics Service Provider's Tracking System

## Illustration

### GML Inventory Report

| Warehouse 1: Bremen |              | Principal | PO No. | Weight | Volume | Pos | Vessel      | Supplier                  | Days |
|---------------------|--------------|-----------|--------|--------|--------|-----|-------------|---------------------------|------|
| Team E              | TRAN 0026886 |           |        | 66.00  | 0.00   | 1   | Transporter | H ALBERT GMBH             | 4    |
| Team E              | TRAW 0029600 |           |        | 109.00 | 0.00   | 1   | Traveller   | FREIDBERG'S TECHNISCHE AL | 11   |
| Team E              | TRAW 0027757 |           |        | 6.00   | 0.01   | 1   | Traveller   | H ALBERT GMBH             | 18   |
| Team E              | TSIT 0026580 |           |        | 100.00 | 0.00   | 1   | Transit     | H ALBERT GMBH             | 30   |
| Team E              | TSIT 0026596 |           |        | 35.00  | 0.00   | 1   | Transit     | H ALBERT GMBH             | 4    |
| Team F              | THAS 0028969 |           |        | 1.00   | 0.00   | 1   | Nautilus    | RS. UNTSCHIFF             | 11   |
| Team F              | TUEN 0026599 |           |        | 50.00  | 0.00   | 1   | Venture     | H ALBERT GMBH             | 33   |

| Warehouse 1: Gdansk |              | Principal | PO No. | Weight | Volume | Pos | Vessel | Supplier               | Days |
|---------------------|--------------|-----------|--------|--------|--------|-----|--------|------------------------|------|
| Team C              | TPLT 0028911 |           |        | 1.50   | 0.00   | 1   | Pilot  | Pacific Central Teknik | 27   |

| Warehouse 1: Hamburg |              | Principal | PO No. | Weight | Volume | Pos | Vessel  | Supplier        | Days |
|----------------------|--------------|-----------|--------|--------|--------|-----|---------|-----------------|------|
| Team E               | TSIT 0028925 |           |        | 24.80  | 0.00   | 1   | Transit | BARTHELS+LIDERS | 1    |
| Team F               | THRZ 0029123 |           |        | 10.80  | 0.00   | 1   | Horizon | MARES SHIPPING  | 18   |

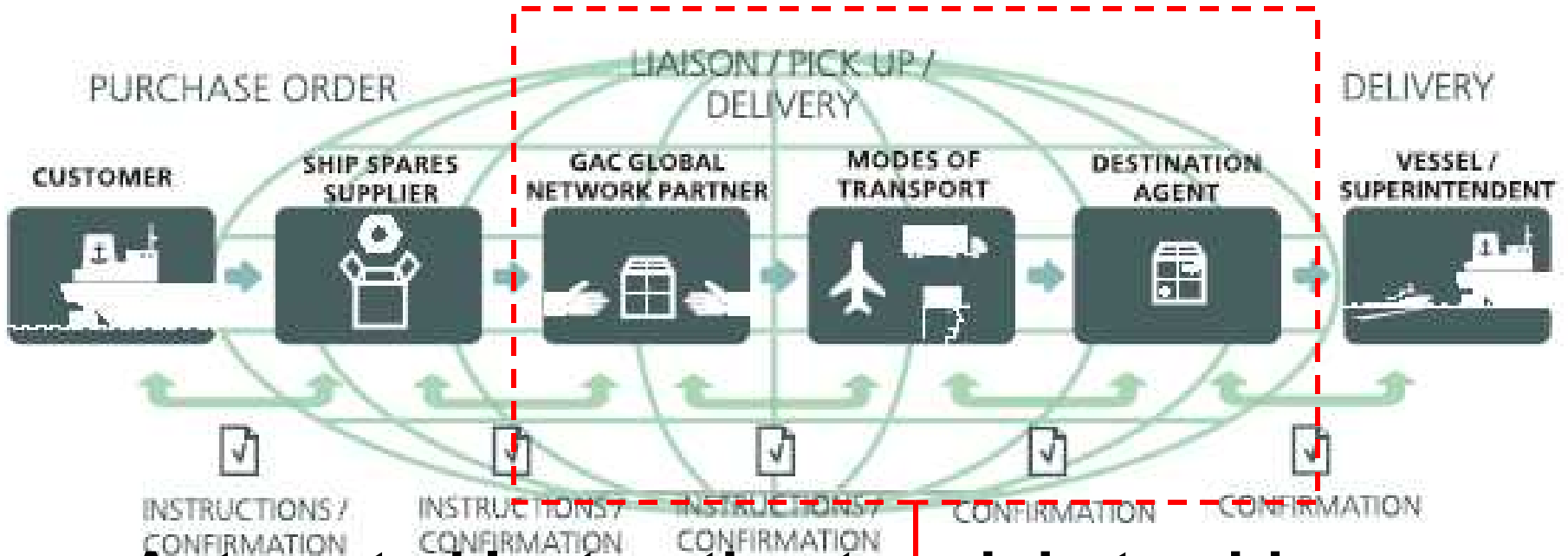
| Warehouse 1: London |              | Principal | PO No. | Weight | Volume | Pos | Vessel      | Supplier                | Days |
|---------------------|--------------|-----------|--------|--------|--------|-----|-------------|-------------------------|------|
| Team E              | TRAN 0026737 |           |        | 75.00  | 0.00   | 4   | Transporter | Globetech Services Ltd. | 1    |

| Warehouse 1: Warsaw |              | Principal | PO No. | Weight | Volume | Pos | Vessel   | Supplier                  | Days |
|---------------------|--------------|-----------|--------|--------|--------|-----|----------|---------------------------|------|
| Team C              | TPLT 0028912 |           |        | 70.00  | 0.00   | 1   | Pilot    | Baltic Spares Service Ltd | 20   |
| Team D              | THAC 0027064 |           |        | 25.00  | 0.00   | 1   | Nautica  | Globetech Services Ltd    | 11   |
| Team F              | THAS 0022584 |           |        | 90.00  | 0.00   | 1   | Nautilus | MACGRESCOR (SINGAPORE)    | 5    |



Wherever you go

# Logistics Service Provider's Tracking System

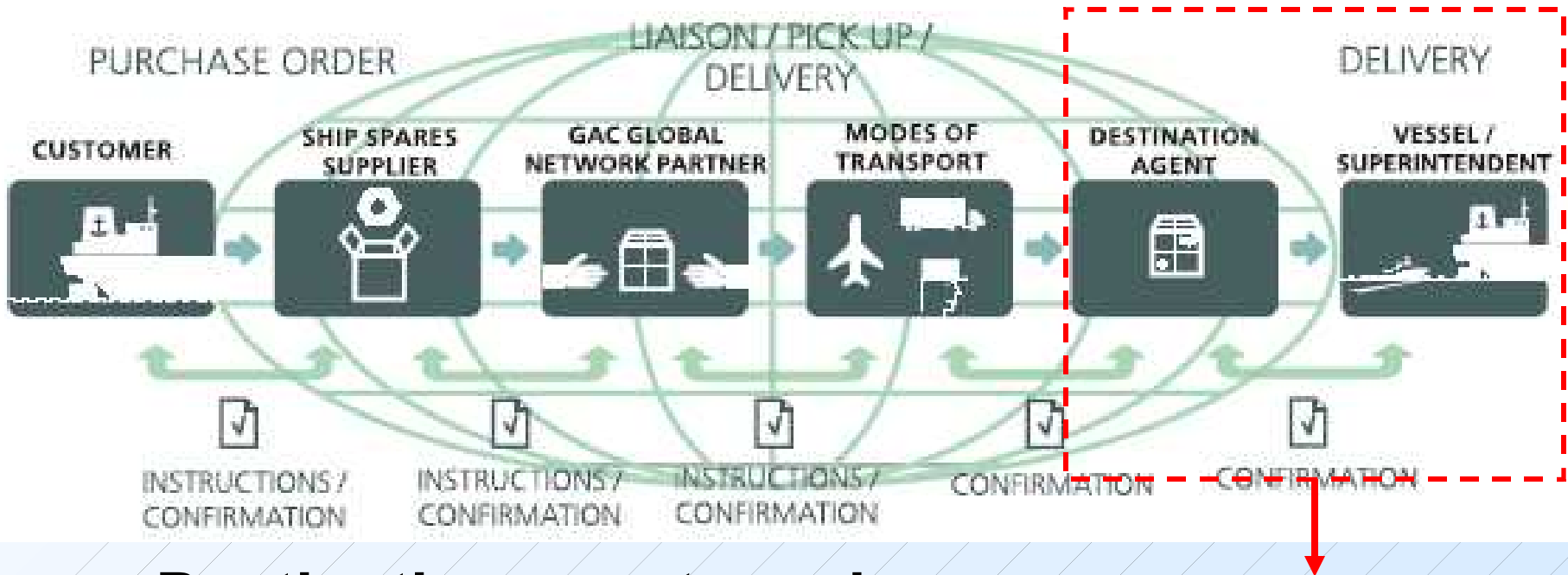


- **Automated Instruction to origin to ship**
- **Automated pre-alert sent to destination agent**
- **Spare parts are delivered via air / sea / courier / road**



Wherever you go

# Logistics Service Provider's Tracking System



- **Destination agent receives cargo**
- **Destination agent arranges delivery on board**
- **Obtains proof of delivery**



Wherever you go

# Other Benefits of Using Tracking Systems



- Key Performance Indicators
- Generate Management Reports
- Identify Trends
- Review processes and implement changes

**Illustration**



**Wherever you go**

**SAMPLE CLIENT REPORT**

**July – December 2006  
Spares Logistics Review**

**Customer XYZ**



Wherever you go

# Contents

▶ **Purchase Orders**

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▶ **Jobs and Spend**

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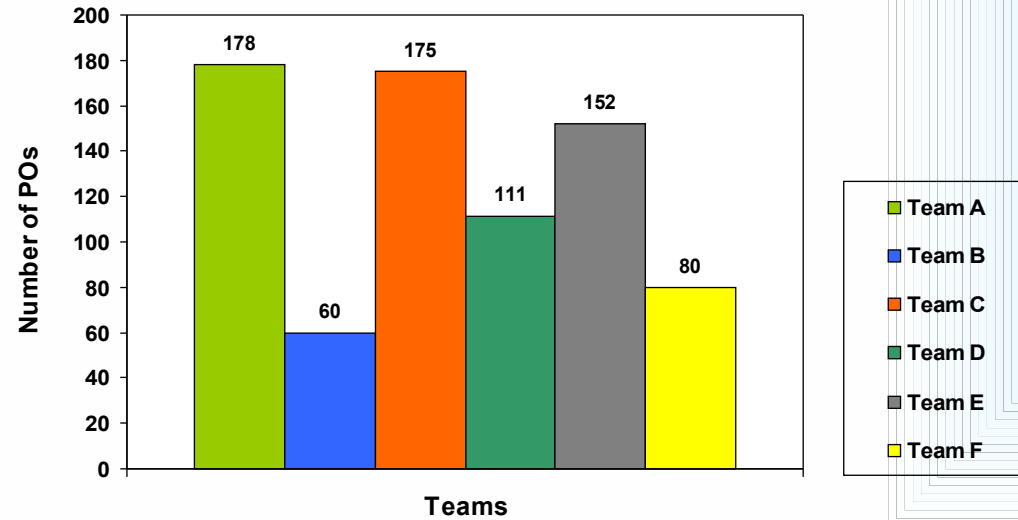
▶ **Transport Mode**

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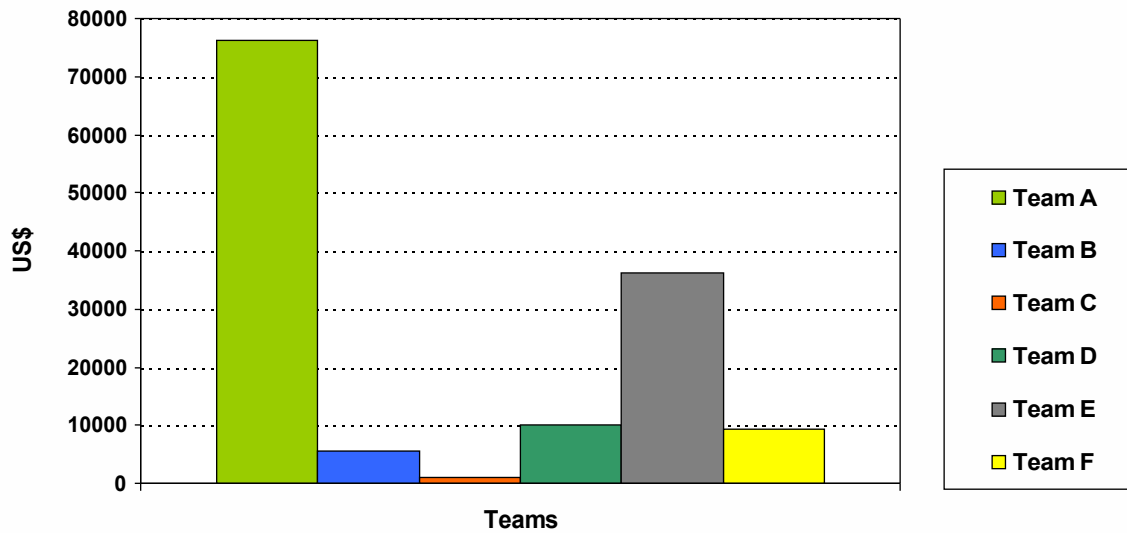


Wherever you go

# Purchase Orders – By Teams



**PO's Processed by GML  
(Invoiced)**



**Logistics Cost**



Wherever you go

# Spend by Vessel (cont...) – Costliest

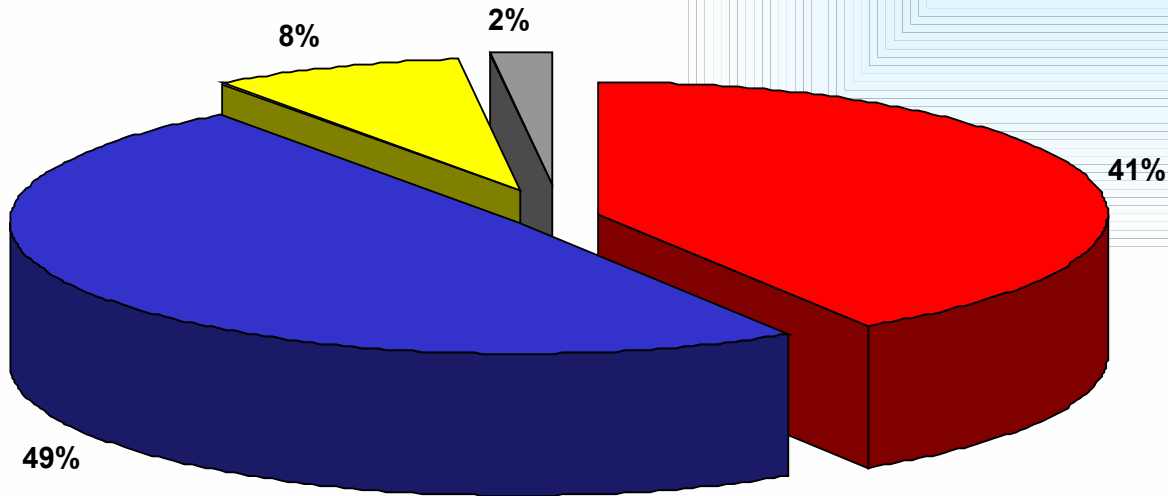
| Vessel | Billed Amount | Spend per Day |
|--------|---------------|---------------|
| B1     | 42090         | 223           |
| C4     | 41160         | 228           |
| F4     | 38140         | 212           |
| B2     | 23500         | 130           |
| A1     | 17620         | 97            |
| C6     | 12450         | 69            |
| D5     | 12300         | 68            |
| F1     | 9110          | 50            |
| D4     | 8610          | 47            |
| A8     | 8460          | 47            |



Wherever you go

# Transport Mode

## XYZ – All Teams



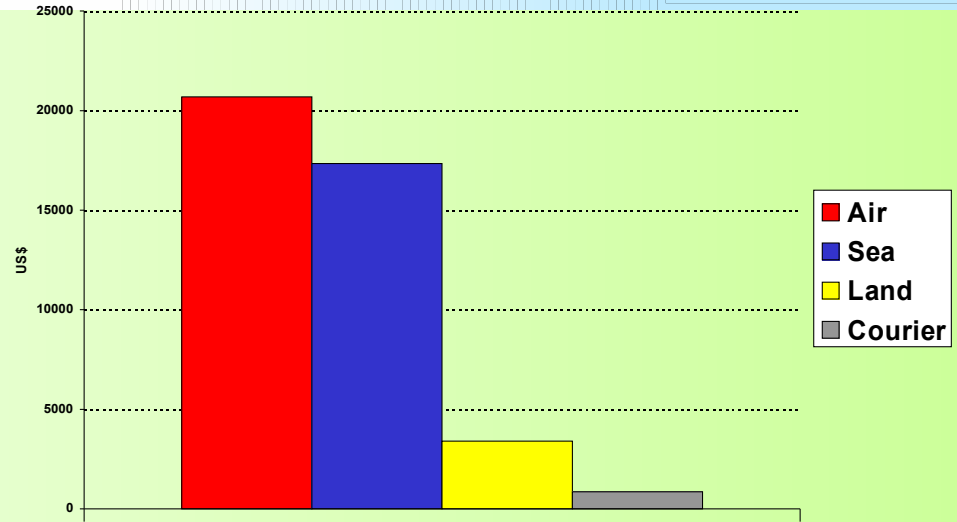
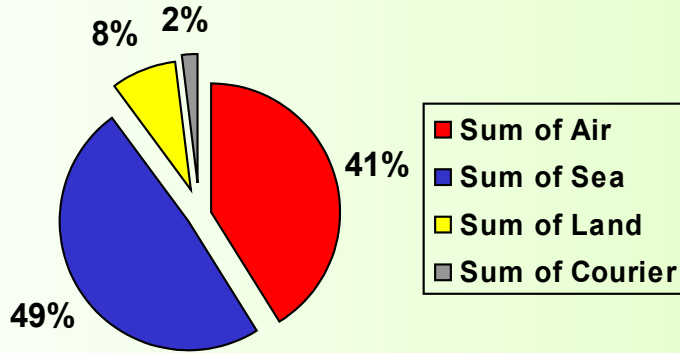
■ Sum of Air ■ Sum of Sea ■ Sum of Land ■ Sum of Courier



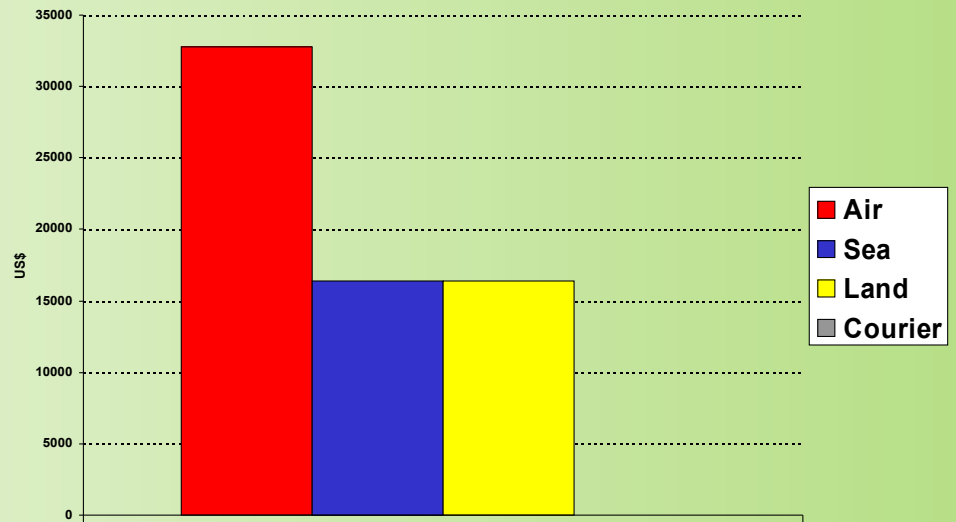
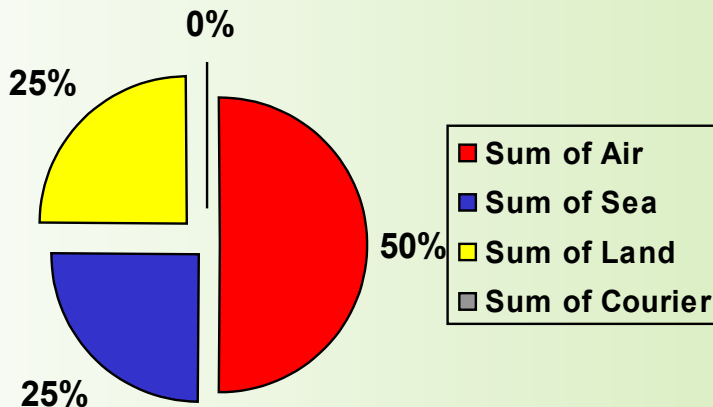
Wherever you go

# Transport Mode

## Team A



## Team B

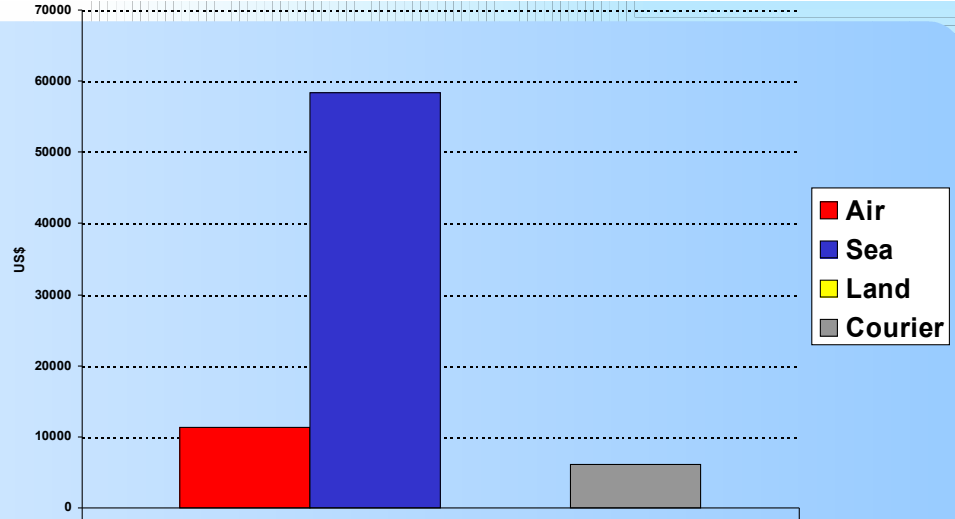
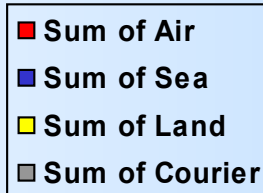
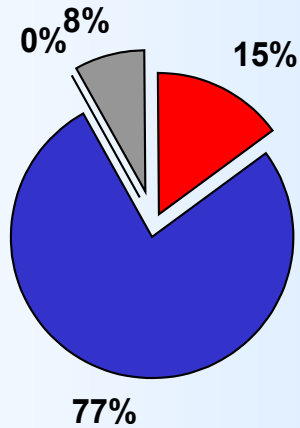




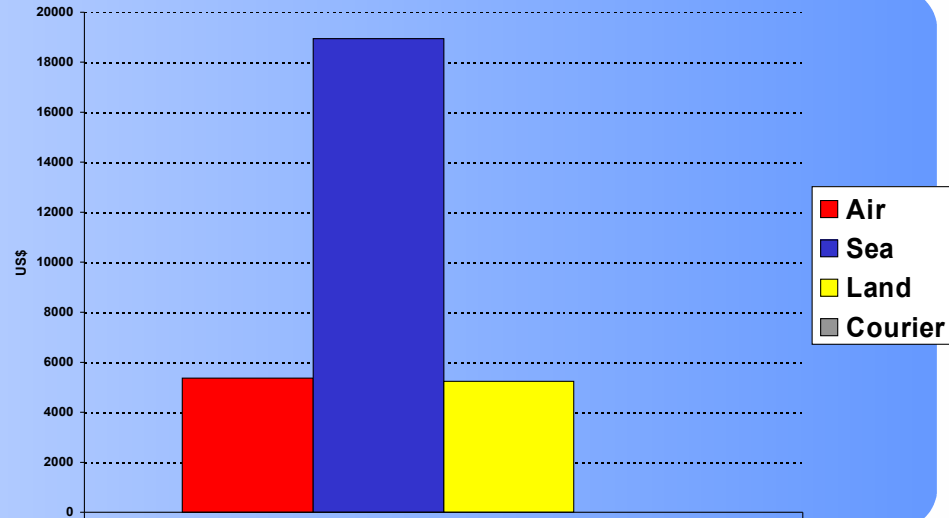
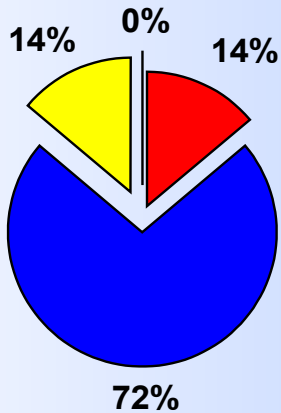
Wherever you go

# Transport Mode

## Team C



## Team D

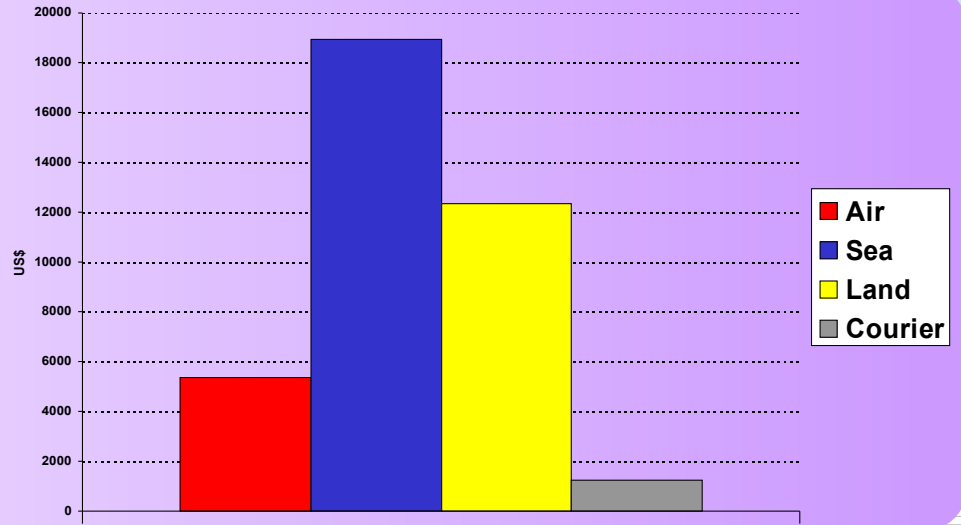
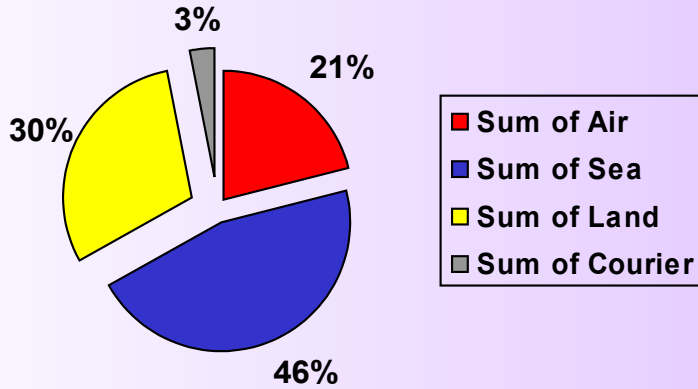




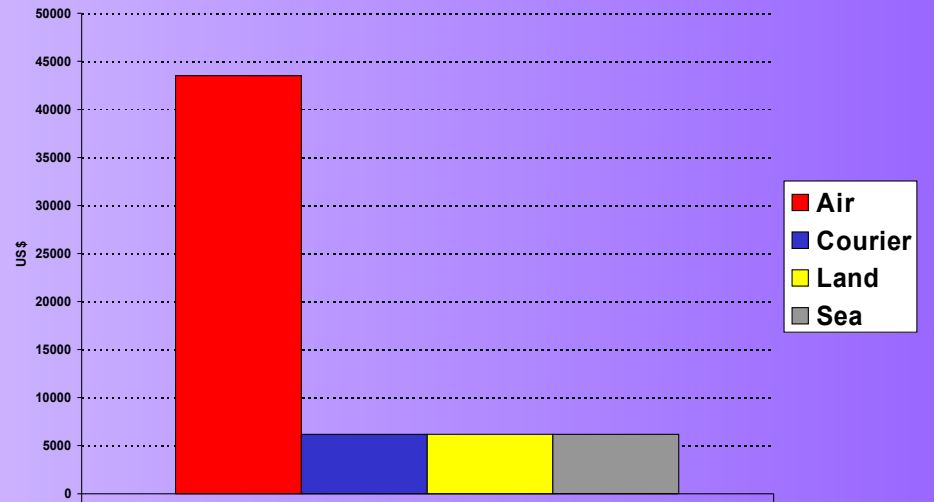
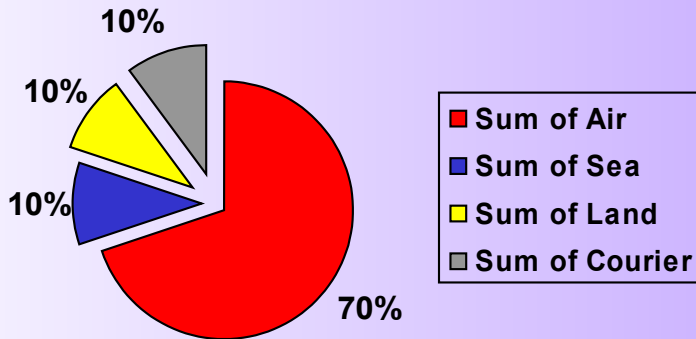
Wherever you go

# Transport Mode

## Team E



## Team F





Wherever you go

# Areas for Improvement



- Integration with purchasing systems
- Integration with platforms such as ShipServ



**Wherever you go**

**THANK YOU**

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