

# PORT AS A PART OF A SENSIBLE AND RESPONSIBLE TOURISM DESTINATION



Port de Barcelona



## Contents:

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Introduction

2

Port-city integration

3

Environmental improvement

4

Cruise services

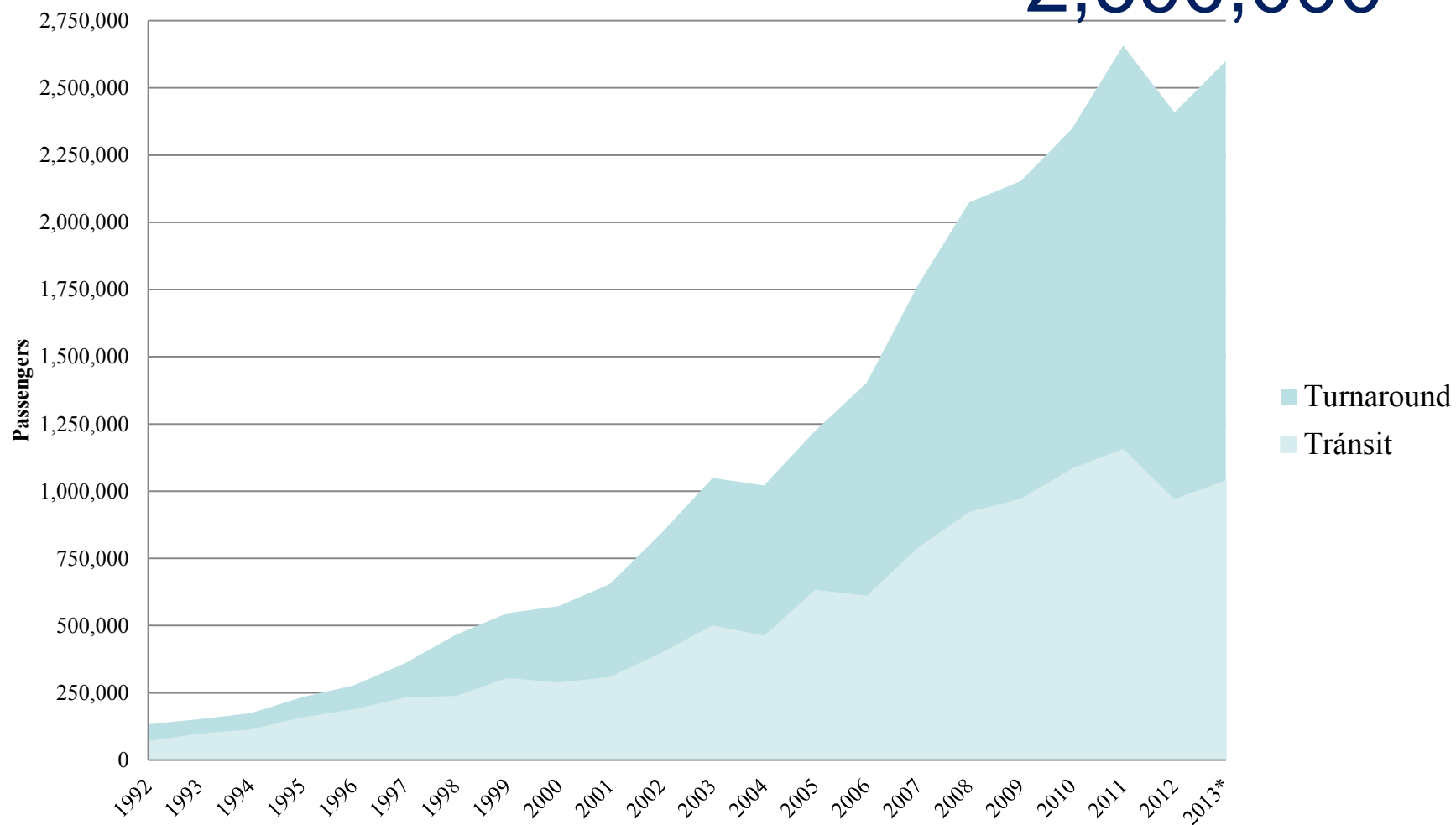




## 1) INTRODUCTION

### Cruise Traffic

Total pax 2013  
**2,600,000**





## 1) INTRODUCTION

- **Relationship between cruises and environment**
  - Cruise ships represent approximately the 3% of the world merchant fleet and are responsible for 25% of all generated waste.
  - Cruise industry requires an excellent port environment because the port itself is a part of the passengers tourism destination.
  - One of the conditions to be a tourism destination is that the surroundings must be healthy and have an environmental value.





## **PORT MUST BE CONSIDERED AS A PART OF THE DESTINATION**

- **PERFECT INTEGRATION PORT-CITY**
- **CONTINUOUS IMPROVEMENT OF THE ENVIRONMENT**
- **EXCELLENT CRUISE SERVICE**



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## 2) PORT-CITY INTEGRATION







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## 2) PORT-CITY INTEGRATION – OLD PORT







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## 2) PORT-CITY INTEGRATION – OLD PORT





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## 2) PORT-CITY INTEGRATION - CRUISE TRAFFIC

The Port as a FACILITATOR to develop the cruise traffic in a sustainable way

TO BUILD A SOLID WIN-WIN RELATIONSHIP

BETWEEN THE CRUISE LINES AND THE CITY

TO OFFER THE AUTHENTICITY OF THE

DESTINATION

RESPECTING ITS CITIZENS LIFE AND

THE ENVIRONMENT



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### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Air Quality

Port activity has an impact on the air quality of Barcelona quantified by approximately 10%.







### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Air Quality

Weather stations network



Manual sensors network



Automatic sensors network





### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Air Quality

## Challenge

the promotion of the use of new fuels for mobility in the port





### 3) ENVIRONMENTAL IMPROVEMENT

b) Air Quality

Port of Barcelona is ready to provide LNG to its users

1

First Mediterranean port **prepared to supply LNG to vessels through pipes**

2

First **LNG service station for trucks** in the Barcelona area

3

Application of **fee reductions** to vessels using LNG in propulsion engines or auxiliaries







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### 3) ENVIRONMENTAL IMPROVEMENT

b) Water Quality







### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Water Quality

#### Urban and Port water cleaning

Surface port water cleaning is carried out mainly in the *Port Vell* and cruise areas.



Service is provided 365 days a year, through 3 vessels and skill personnel.

For punctual circumstances and/or emergencies, there is a service 24 hours, 365 days per year.



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### 3) ENVIRONMENTAL IMPROVEMENT

b) Water Quality

BCN 2013  
BCN 2013

BARCELONA 2013  
15<sup>th</sup> FINA WORLD  
CHAMPIONSHIPS

15<sup>th</sup> FINA CAMPEONATOS  
DEL MUNDO DE NATACIÓN  
15<sup>th</sup> FINA CAMPIONATS  
DEL MÓN DE NATACIÓ





### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Beaches

It is proven to be a complete success for tourists and one of the most claimed attraction of the city.







### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Beaches







### 3) ENVIRONMENTAL IMPROVEMENT

#### b) Beaches



Projected work



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- Air quality improvement
- Water quality improvement
- Beaches

4

Cruise services





## 4) CRUISE SERVICES



### Waste reception services (MARPOL)

- Liquid oil wastes, domestic sewage and garbage
- Treatment and recycling facilities in the port area
- 24 h service, 365 days a year



### Water supply services

- Service provided directly by the Port Authority



### Bunkering

- 4 barges supplying diesel and fuel
- 24 h service, 365 days a year



### Rappels and discounts to cruise ship and cruise terminal

- Rappels and discounts to cruise companies
- Rappels and discounts to cruise terminals

# Thank you!



**Port de Barcelona**