



Company Profile

Presentation : Manuel Relvas
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Department : Aerospace & Transportation

Company : **Novabase Business Solutions**
www.novabase.pt

Type : private (large company)

Country : Portugal



Company profile and skills



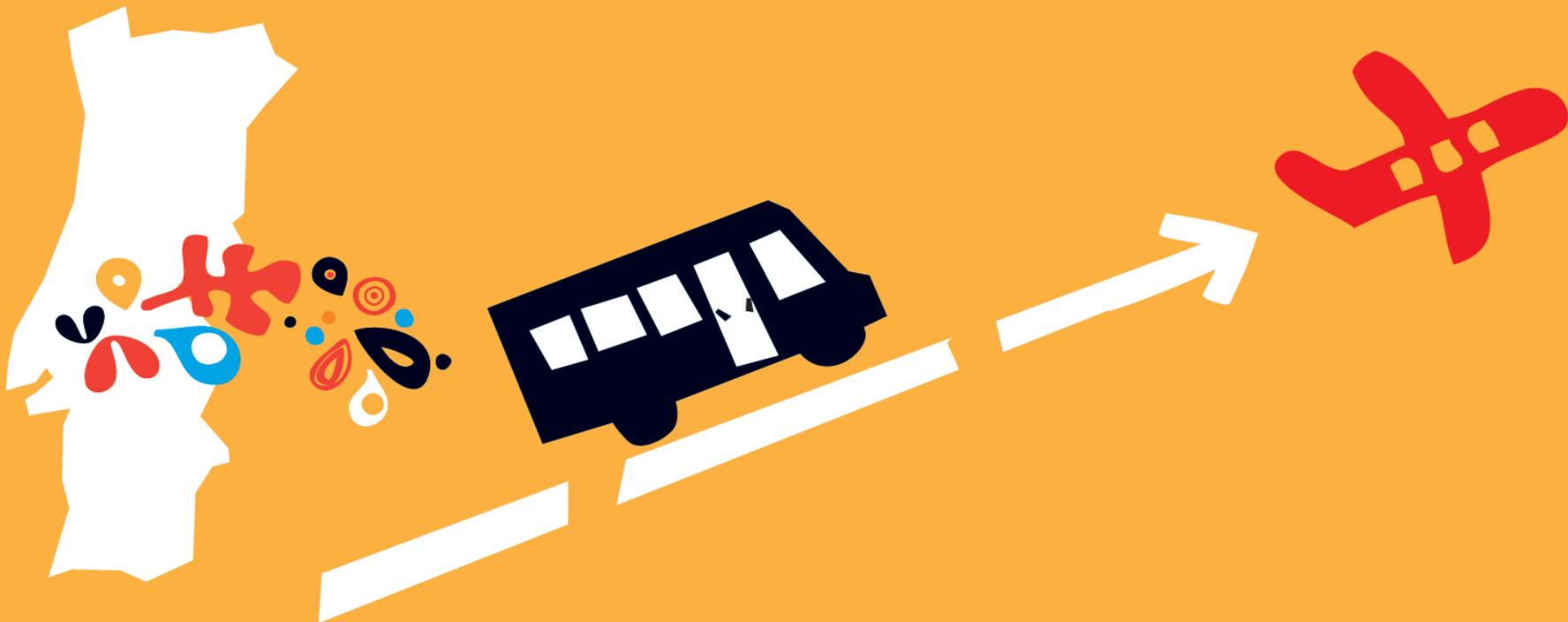
230M€ revenue in 2011
20% international

+2200 employees

Listed on the **Euronext** Lisbon

- Consulting (ERP, CRM, BI, BPM, ...)
- Infrastructure (Data Centers, IP, ...)
- Managed Services
- Ticketing
- Digital TV
- Venture Capital

Strong **R&D** investment: ~10M€/year
#1 in the IT sector in Portugal
#6 in all sectors in Portugal
#16 in the software sector in Europe



About the Transportation Sector



More than 15 years of experience in **automatic fare collection** systems:

- Full-fledged comprehensive solution
- 25 transport operator systems, in 3 EU countries
- 2 million transactions/day
- 4 intermodal management systems in major metropolitan areas

Active player in leading-edge **seamless customer-oriented** solutions:

- NFC systems (Nice and Île-de-France)
- Passenger Information Systems: vehicles, stations, internet, mobile, etc.
- Mobi.E - electric vehicles charging network management platform
- Mobility Broker - the Single Mobility Bill

www.cityzi.fr

www.novabase.pt

www.mobie.pt

www.novabase.pt

Topics we are most interested in



Topics	Requirements	Our skills
SST.2013.3-1. Managing integrated multimodal urban transport network	<p>Data creation and use. Knowledge database. Decision support tools.</p> <p>Improved user experience in multimodal transport services.</p>	<ul style="list-style-type: none"> ▶ Business Intelligence ▶ Customer Relationship Management ▶ Passenger Information ▶ The Single Mobility Bill concept
SST.2013.3-2. Implementing innovative and green urban transport solutions in Europe and beyond	<p>Innovative and green urban transport solutions.</p>	<ul style="list-style-type: none"> ▶ Mobi.E - electric vehicles charging network ▶ The Single Mobility Bill concept
GC.SST.2013-4. Demonstration of electric buses as urban public transport	<p>Demonstration of the use of electricity as energy vector for urban buses.</p> <p>Focus should be on vehicles with interaction with the grids.</p>	<ul style="list-style-type: none"> ▶ Joint venture with a fully electrical bus manufacturer, bus operator and university ▶ Mobi.E - electric vehicles charging network

for the topic

GC.SST.2013-4. Demonstration of electric buses as urban public transport

we are integrated in the following alliance:



private large company

www.caetanobus.pt



private large company

www.novabase.pt



academic institution

www.uc.pt



public entity

www.smtuc.pt



CAETANO BUS
GRUPO SALVADOR CAETANO

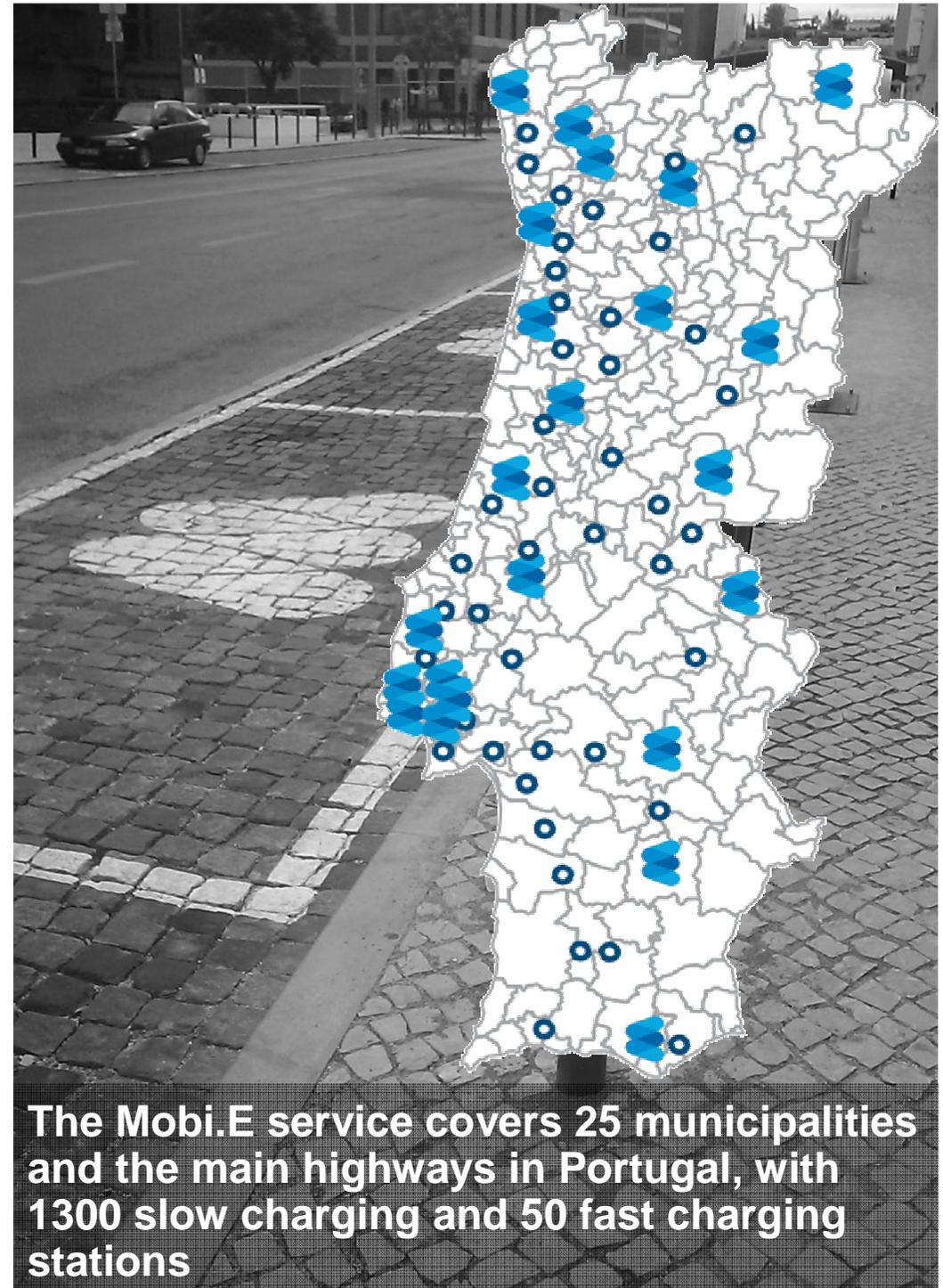
- Bus manufacturer since 1946
- Portuguese leader in bus bodies development and production and worldwide leader in the airport buses segment
- Global figures GSC:
 - 2100 M€ revenue
 - 6000 employees
 - offices in Portugal, Spain, UK, Germany, Morocco and Angola



The Caetano COBUS 2500 EL is a fully electric new generation bus, already in use in Portugal and Germany



- Novabase is the Portuguese leader in IT services
- Novabase is part of the Mobi.E consortium that implemented an innovative vehicle charging network in Portugal
- Global figures:
 - 230 M€ revenue
 - 2.200 employees
 - offices in Portugal, Spain, France, Germany, Angola, Mozambique and Dubai





UNIVERSIDADE DE COIMBRA

- The oldest Portuguese university was installed in Coimbra in 1308
- Experts in transport simulation models for implementing sustainable mobility solutions
- The University of Coimbra heads the PhD on Transport Systems of the MIT-Portugal Program





TRANSPORTES
URBANOS
DE
COIMBRA

- Public transport operator in the Coimbra city:
 - standard buses
 - mini buses
 - trolley buses
- 85 lines, 556km, 1103 stops
- 27 million trips / year
- Very active participation in the CIVITAS Program and CIVINET



Transportes Urbanos de Coimbra belongs to the municipality and integrates a fleet of 15 trolley buses

Thank you for your attention
... and looking forward
cooperation opportunities

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