

**ferrovial**  
services

# **Investors' Day**

## **Cash, Profitability and Growth**

London, November 22<sup>nd</sup> 2011

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# Welcome

**Ernesto López Mozo**

CFO Ferrovial

# Ferrovial Services: Cash, Profitability and Growth

**Santiago Olivares**

CEO Ferrovial Services



# Strong Service Provider with High Growth Prospects

## Scale <sup>1)</sup>

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- Sales EUR 2.6 B
- Employees 44,000
- Order book EUR 12.4 B

## Leading positions

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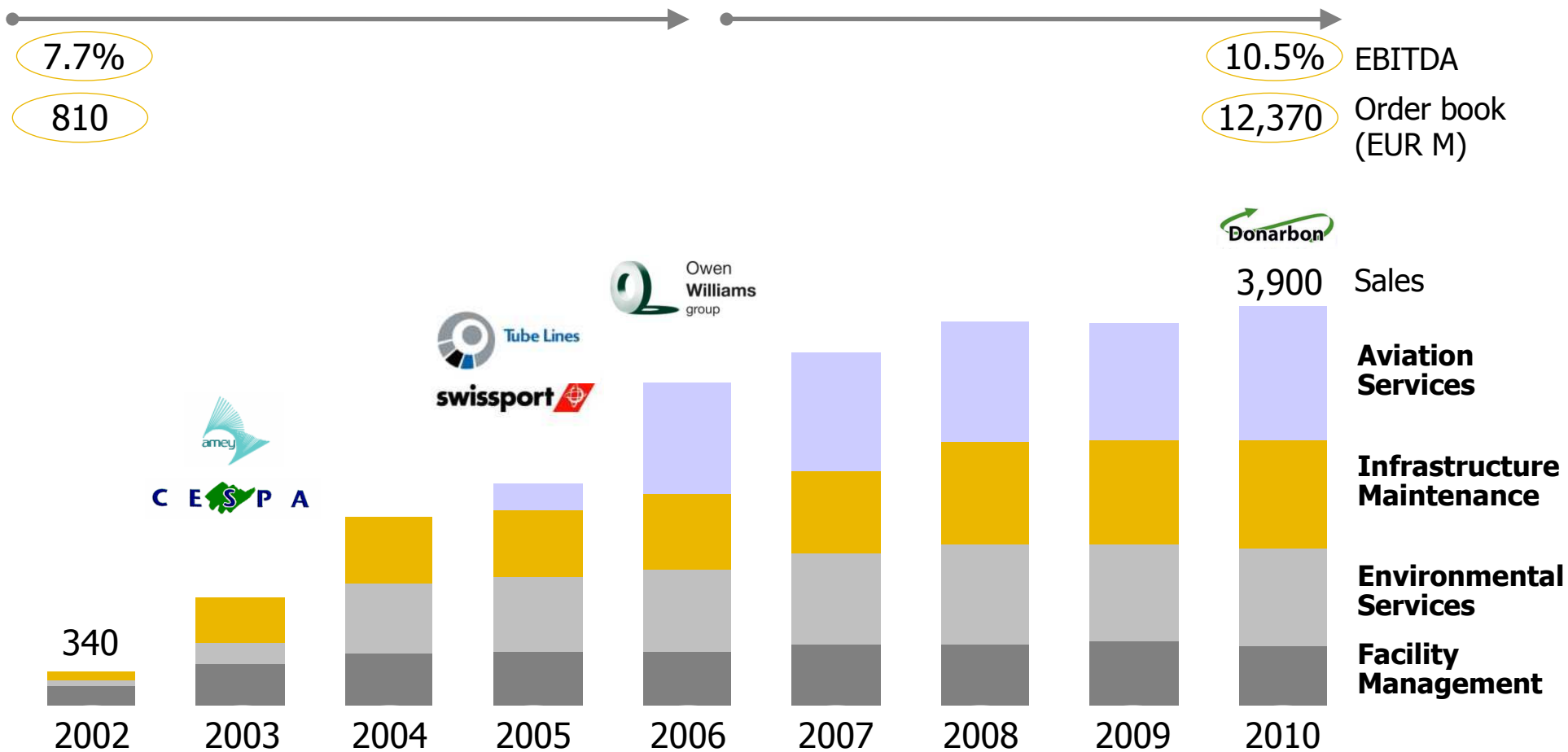
- Local Government – Spain, UK
- Waste Treatment – Spain
- Facility Management – Spain
- Asset Management – UK

1) 2010 data, Swissport not included  
Source: Ferrovial Services

# Scale and Capabilities through Acquisitions

## Growth

## Operational excellence






# Three Service Lines with Specific Attributes

	<b>Client Profile</b>	<b>Contract length</b>	<b>Recurring capex (% sales)</b>	<b>EBITDA Margin</b>	
				<b>Sector</b>	<b>FS <sup>1)</sup></b>
<b>Infrastructure Maintenance</b>	<ul style="list-style-type: none"> <li>Government</li> </ul>	<ul style="list-style-type: none"> <li>3-10 years</li> <li>20-25 years (PPP)</li> </ul>	1-3%	7-10%	9.5%
<b>Environmental Services</b>	<ul style="list-style-type: none"> <li>Government</li> <li>Industry</li> </ul>	<ul style="list-style-type: none"> <li>7-10 years</li> <li>20-25 years (PPP)</li> </ul>	6-8%	14-18%	17.1%
<b>Facility and Energy Management</b>	<ul style="list-style-type: none"> <li>Government</li> <li>Industry</li> </ul>	<ul style="list-style-type: none"> <li>3-10 years</li> </ul>	1-10%	5-15%	6.4%

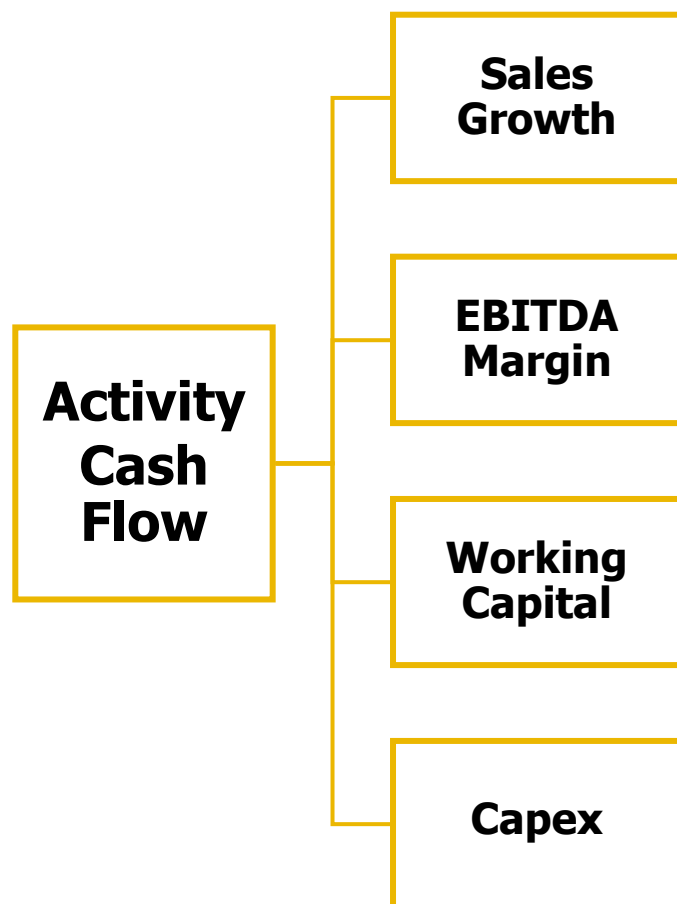
1) Average 2008-10  
Source: Ferrovial Services analysis

# Strong Competitive Position in Spain and the UK

	FS 2010 (EUR M)		FS position		Main brands
	Sales	EBITDA	Spain	UK	
<b>Infrastructure Maintenance</b>	1,060	101	Top 3	Top 3	 <b>ferroser</b>
<b>Environmental Services</b>	952	163	Top 3	Top 10	 <b>ameycespa</b>
<b>Facility and Energy Management</b>	586	37	Top 3	Top 10	<b>ferroser</b> 



# Focus on Key Value Drivers



## Short-term drivers

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- Order book
- Success rate
- Renewals, extensions
- Project work

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- Operational efficiency
  - Project work

- 
- Collections

- 
- Financial discipline
  - Financing structures

## Long-term drivers

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- Pipeline
- Long-term contracts
- Client partnerships
- New geographies

- 
- Value-added services

- 
- Quality of client base
  - Value-added services

- 
- Asset management
  - Financing structures

# Our Strategic Vision

Partner of choice to clients and citizens to optimise the performance of urban, transport and social infrastructure



Differentiation  
drivers

- Client Focus
- Integrated Service Offer
- Whole Life Asset Management
- Innovation

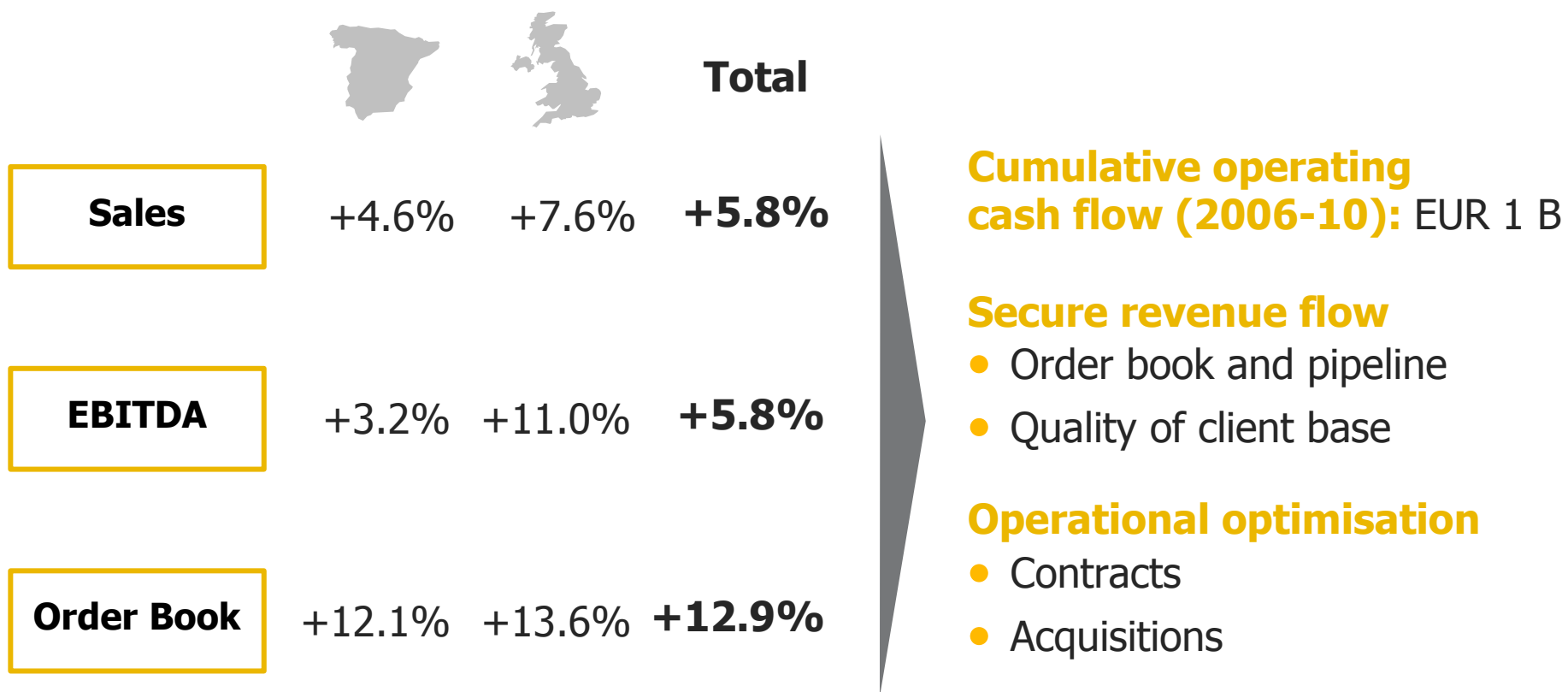
# Strong and Resilient Financial Performance

**Fernando González de Canales**  
CFO Ferrovial Services



# Strong Organic Financial Performance

Ferrovial Services' financial performance (CAGR 2006-10)

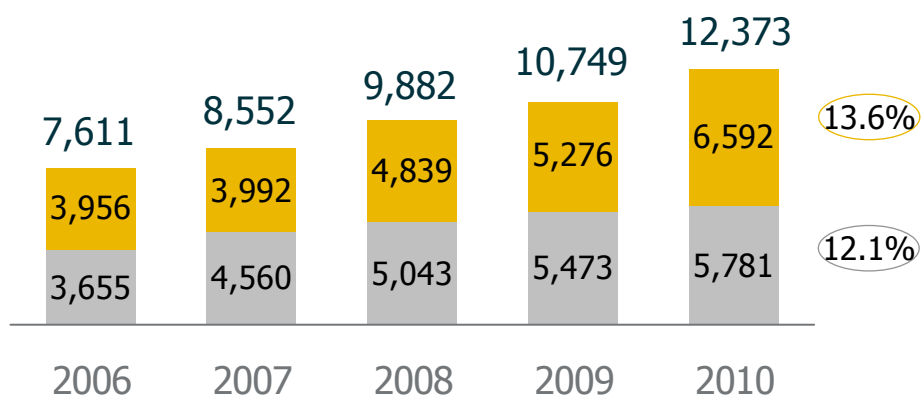


Note: Swissport not included  
Source: Ferrovial Services

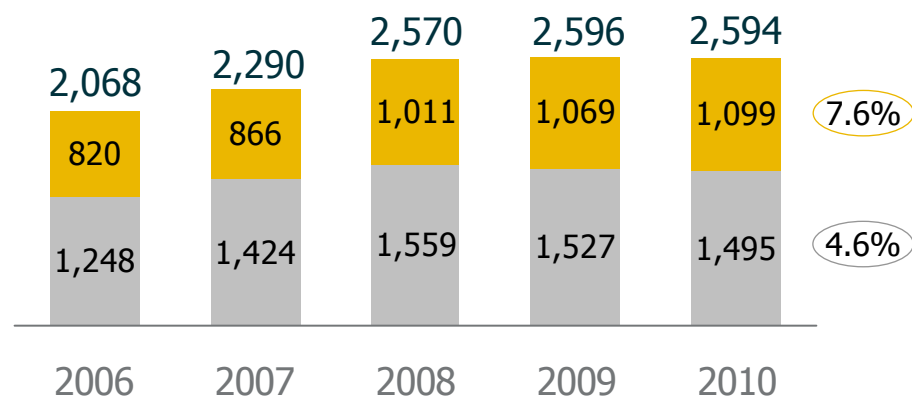
# Sound Financial Evolution Despite Economic Crisis

## Ferrovial Services' financial performance (EUR M)

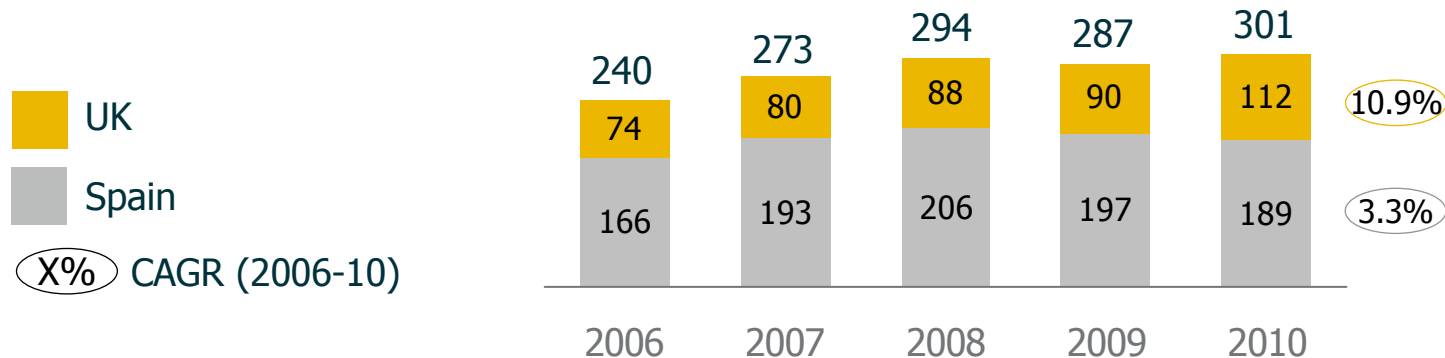
### Order book



### Sales



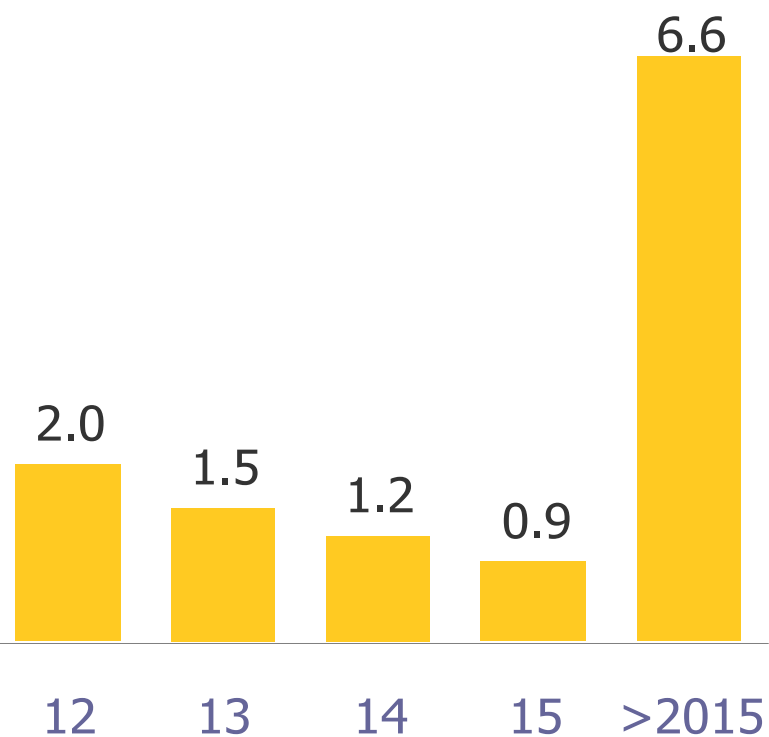
### EBITDA



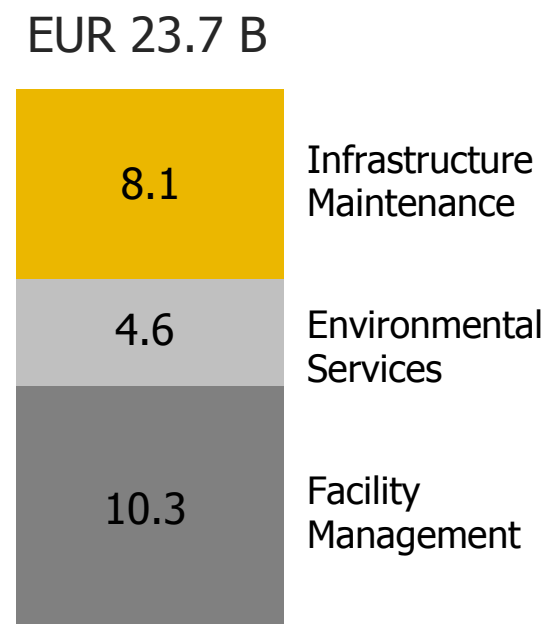
Note: Swissport not included  
Source: Ferrovial Services

# Strong Order Book and Pipeline

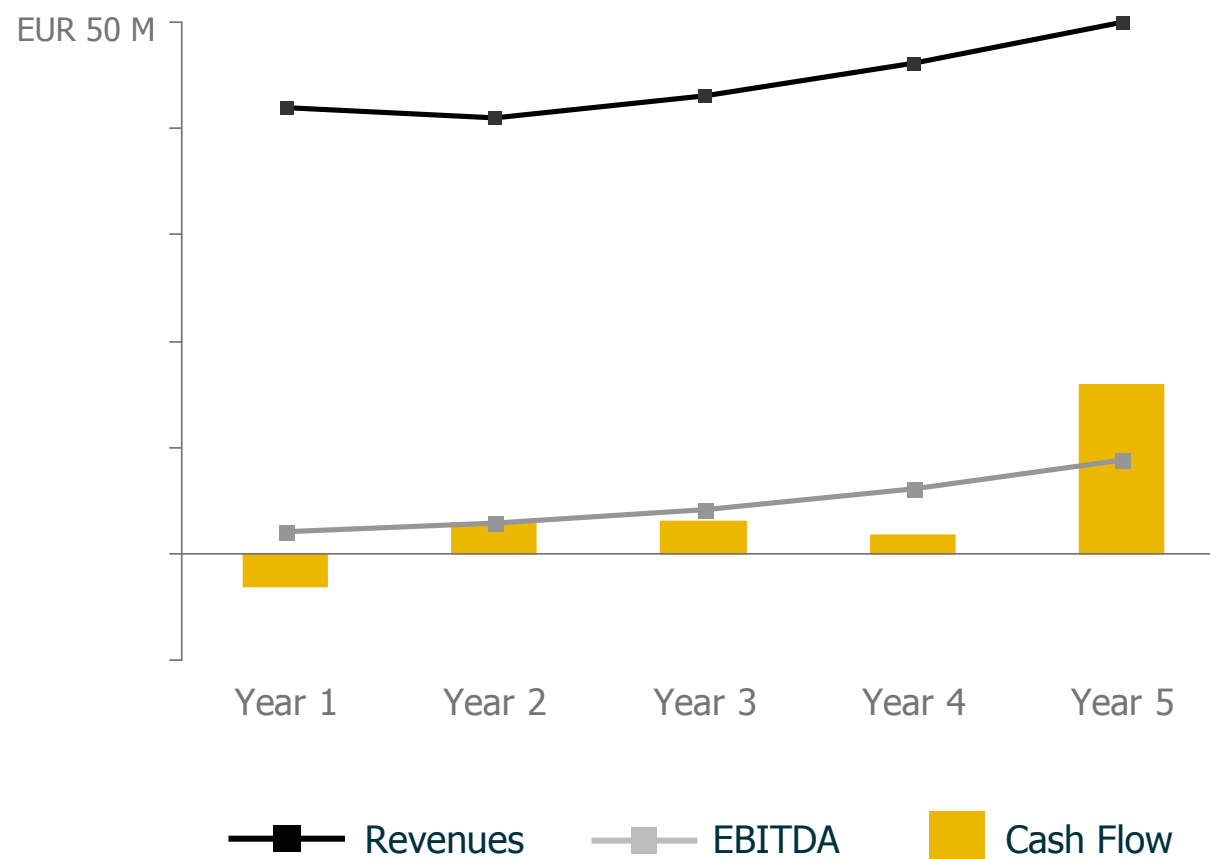
## FS' secured sales (EUR B)



## Identified potential projects for 2012



# Contract profile – Road Maintenance



- Term**
  - 4 to 6 years

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- Capex**
  - 1-3% sales

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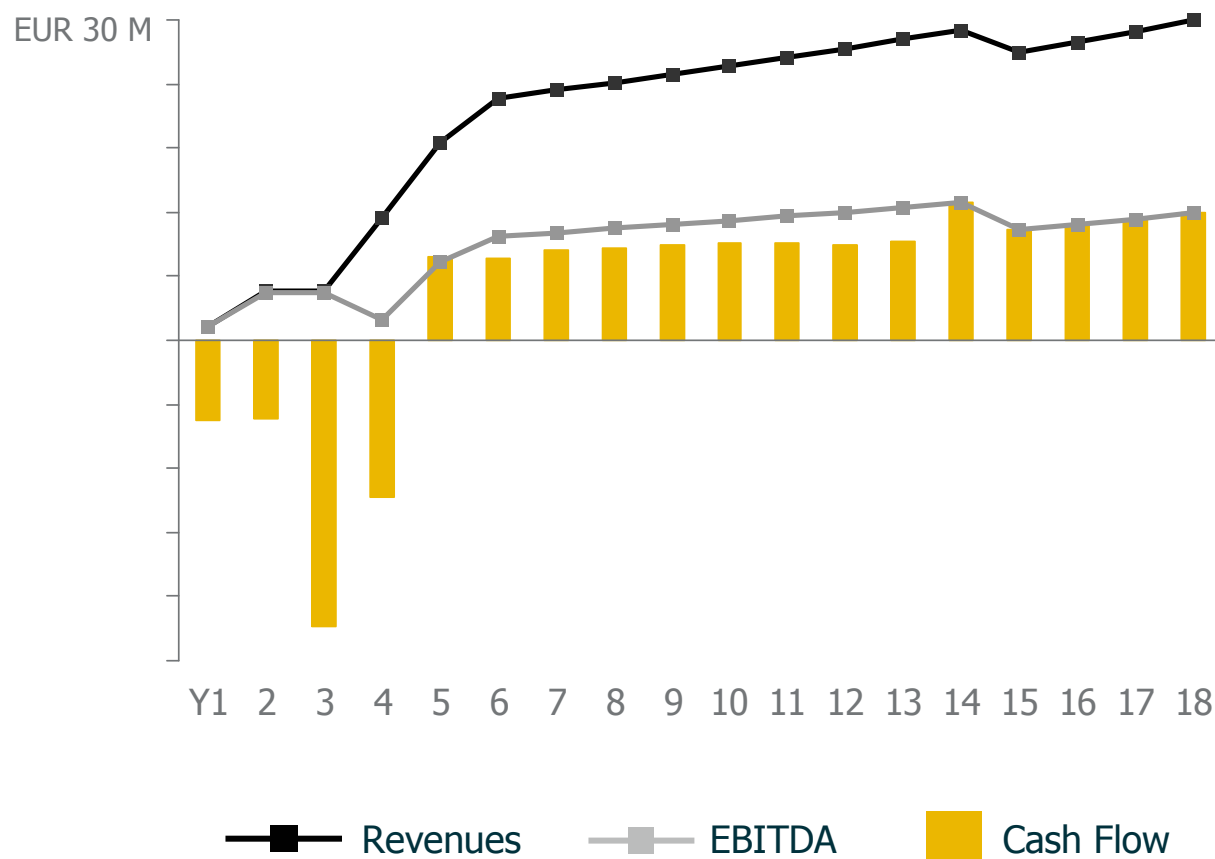
- Revenue**
  - Fixed amount
  - Project work
  - Schedule of rates

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- Success factors to win**
  - Experience
  - Technical solution
  - Price

Note: Disguised data, information intended for illustrative purposes only  
Source: Ferrovial Services analysis

# Contract profile – Waste Treatment



- Term**
  - 15 to 20 years

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- Capex**
  - 10-20% sales

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- Revenue**
  - Fixed amount
  - Variable rate (EUR/tn)
  - Third parties

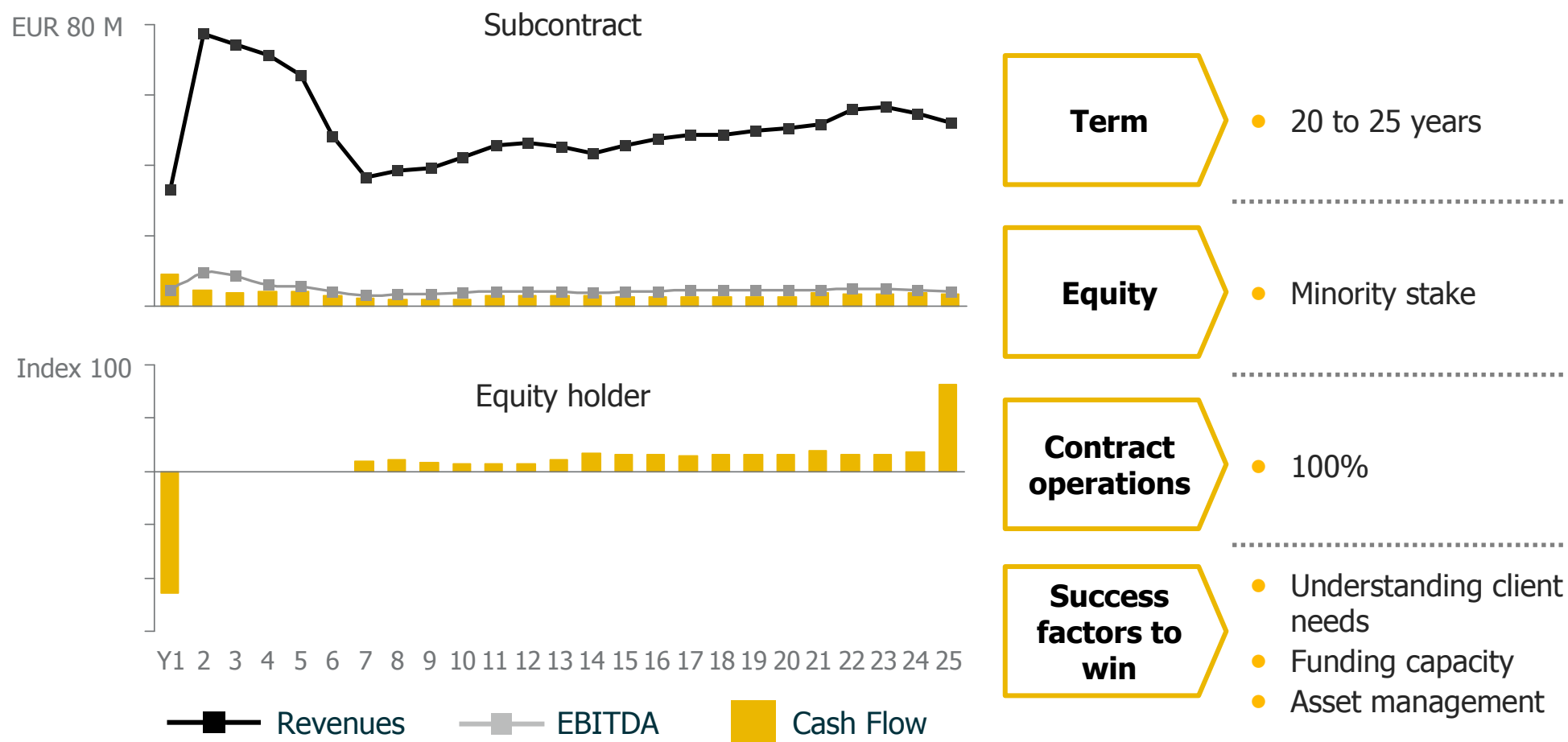
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- Success factors to win**
  - Technical expertise
  - Track record
  - Environmental solution

Note: Disguised data, information intended for illustrative purposes only  
Source: Ferrovial Services analysis



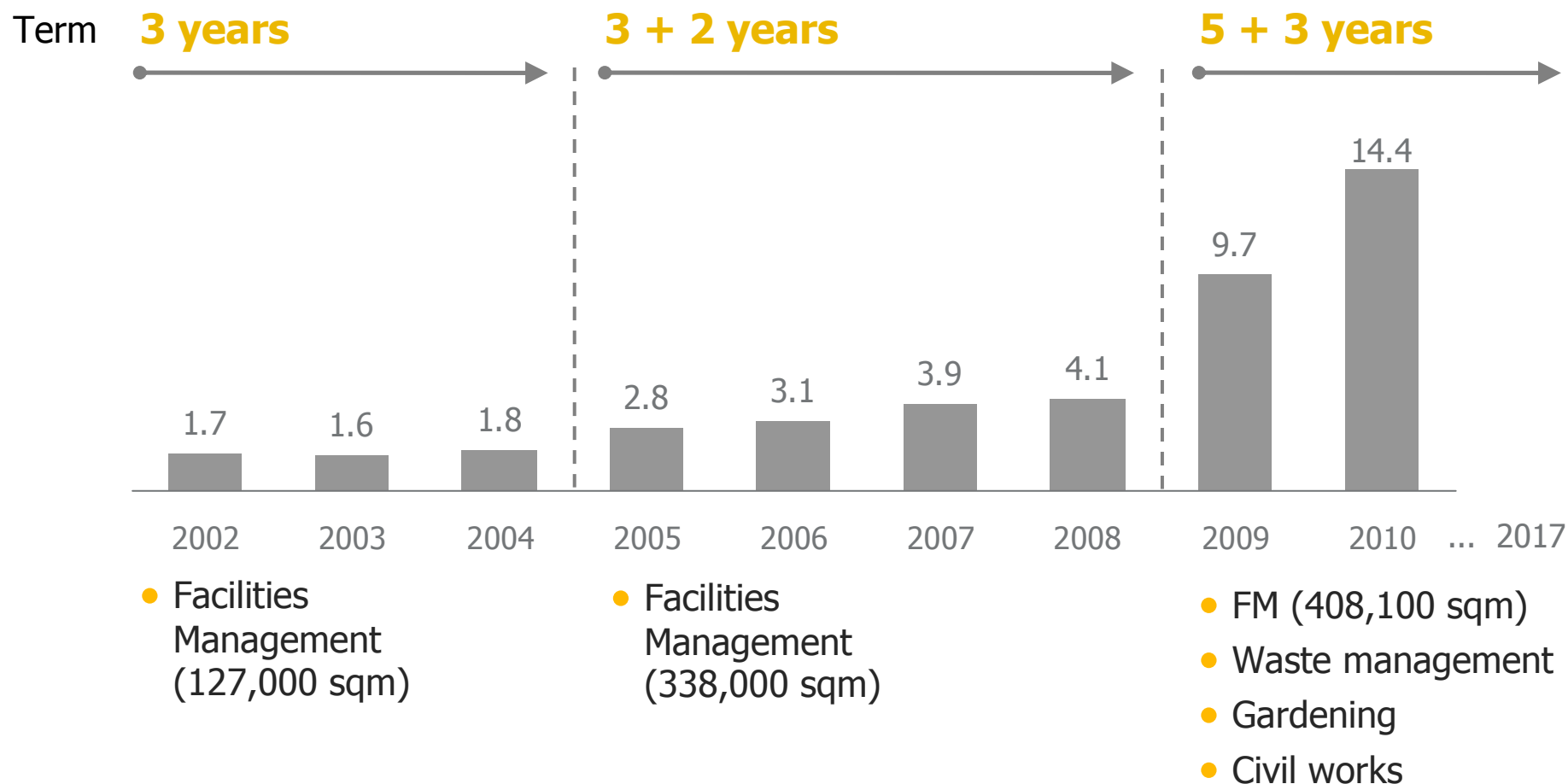
# Contract Profile – Long Term Asset Management



Note: Disguised data, information intended for illustrative purposes only  
Source: Ferrovial Services analysis

# Contract Development Through Client Partnership

Example: Sales and scope of contracts with industrial client (EUR M)



# Stable Cash Flow Generation

Ferrovial Services' cash flow (EUR M)

	Average 2006-08	Average 2009-10
Operating cash flow	<b>202</b>	<b>210</b>
Capex	-135	-93
Activity cash flow	<b>67</b>	<b>117</b>

## Cash Flow optimization

- Quality of the client base of existing and new contracts
- Active working capital management
- Project finance, operating leases

# High Quality Client Portfolio

Ferrovial Services' main clients in Spain (2010)

## Sales of Top 10 clients (EUR M)

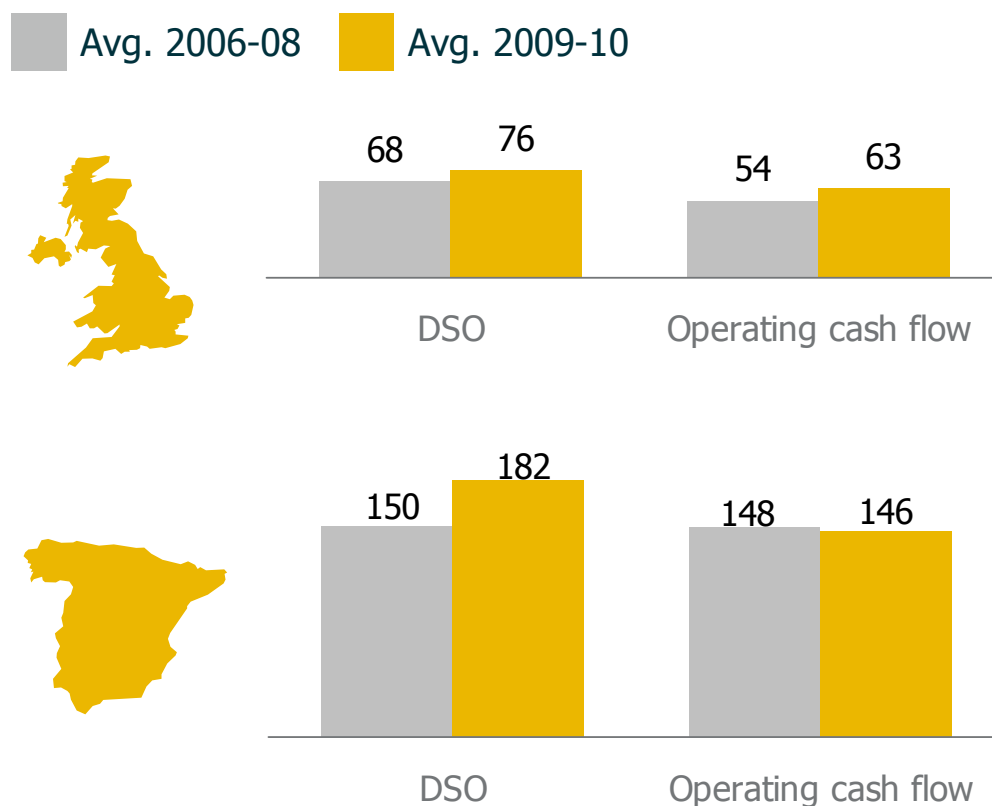
● Madrid City Council	83.6
● Madrid Region	60.2
● Murcia City Council	58.3
● Barcelona City Council	57.5
● Andalusian Health Service	56.0
● Ministry for Infrastructure	48.9
● Granada City Council	40.7
● Ecoembres	18.7
● Madrid Metro	18.6
● City Council of La Coruña	17.9

## Top 20 cities



# Continuous Working Capital Management

## Ferrovial Services DSO<sup>1)</sup> and Operating Cash Flow (EUR M)



### Working Capital optimisation

- Cash forecast by client/contract
- Active management (bonus linked to operating cash flow targets)
- Main actions
  - Collaborative approach
  - Reduce exposure to clients with treasury constraints
  - Collect due debt

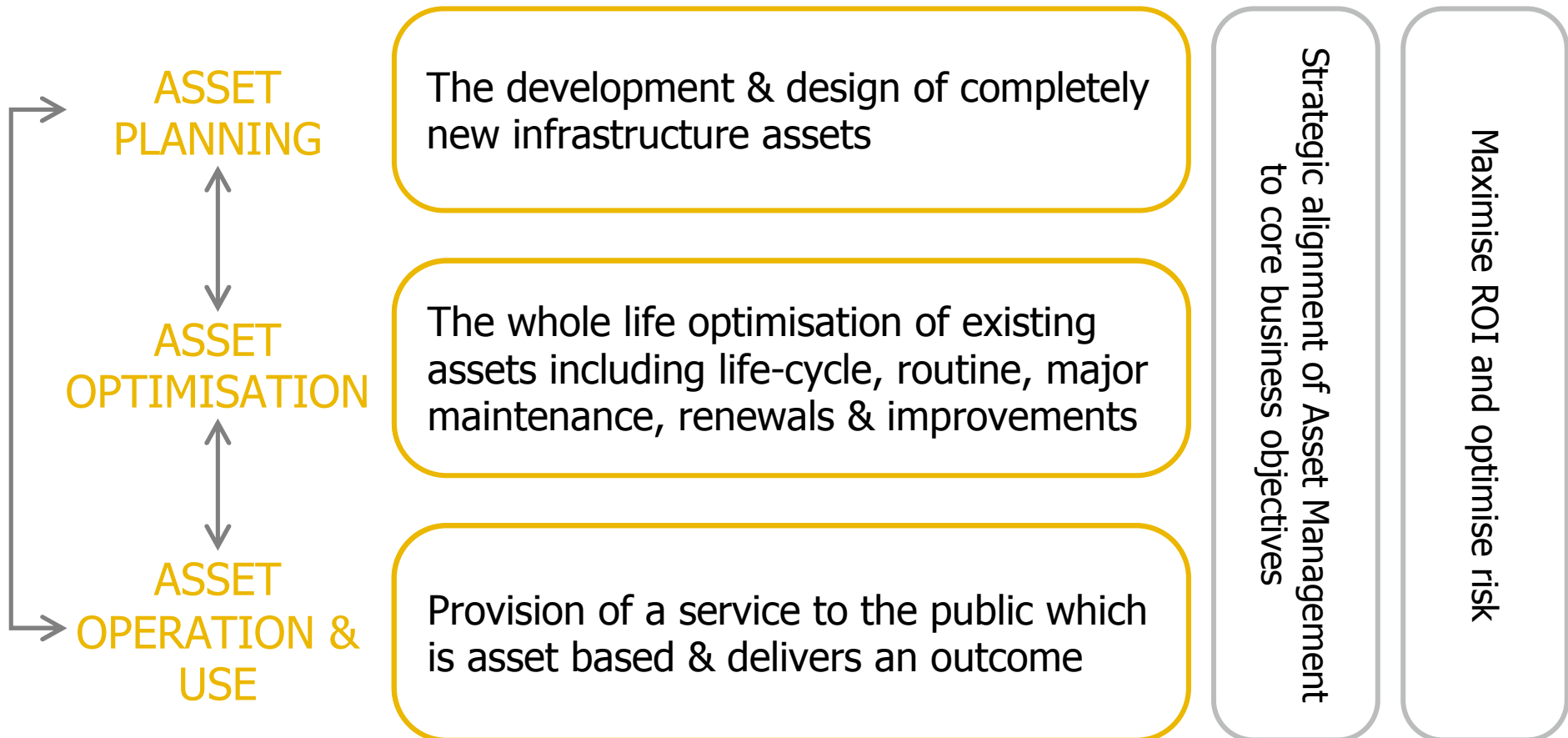
1) Days Sales Outstanding  
 Note: Swissport not included  
 Source: Ferrovial Services

# Practical Application of Asset Management as a Key Differentiator

**Mel Ewell**  
CEO Amey



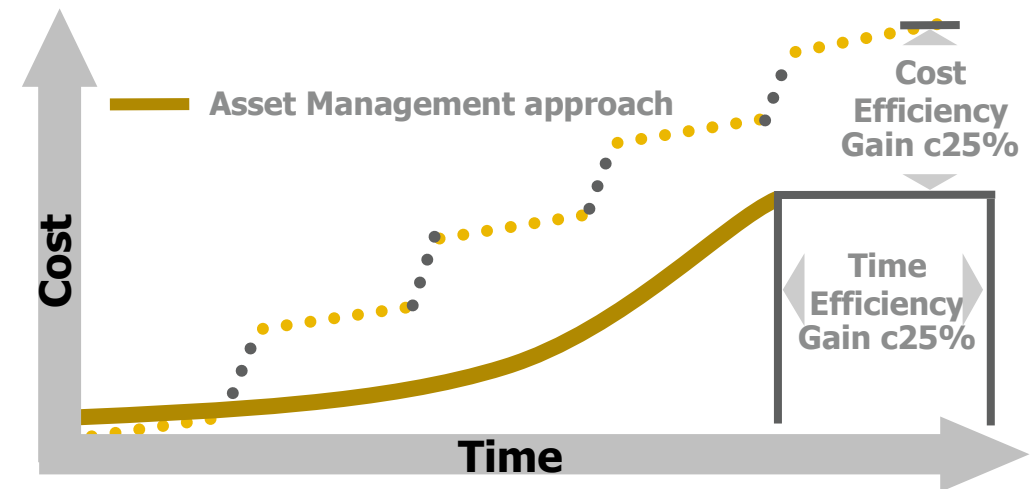
# End-to-End Asset Management



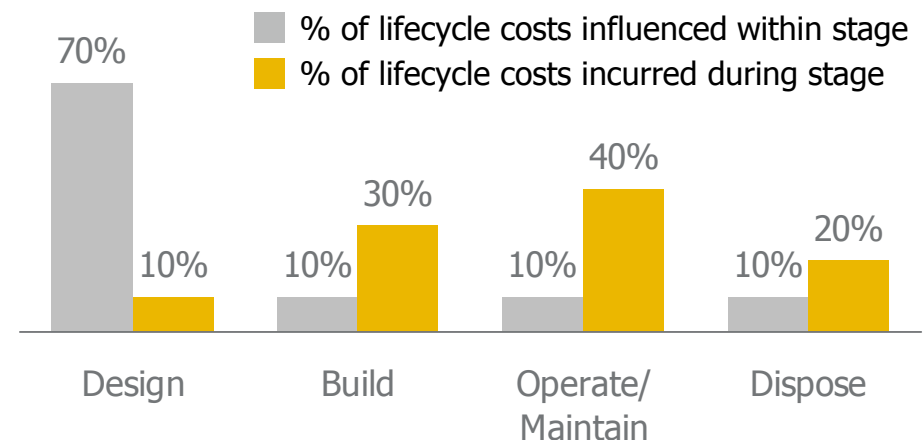
# Asset Management as a Differentiator

## Differentiating through asset management

- Fully integrated business model supporting stand alone or holistic service package
- Competitive scale with 2,500 professionals and 5 major UK Hubs
- More informed consultancy approach based upon operational experience
- Greater ability to maximise ROI through capex and opex management
- Cost efficiencies with product & service innovation



## Asset cost lifecycle





# Asset Management: Innovation and Partnership

## Partnership Approach to Innovation

### Engaging Employees

- Best practice sharing harnessed across the whole group – e.g. Ferrovial Asset Management Center of Excellence

### Client Partnerships

- Profit sharing partnerships (e.g. North Lanarkshire CC)
- Long term partnerships provide platform for new opportunities and financing of innovative solutions

### Supply Chain

- Introduction of new technology – i.e. New LED Street lighting reduces maintenance costs by 50%

### Academic

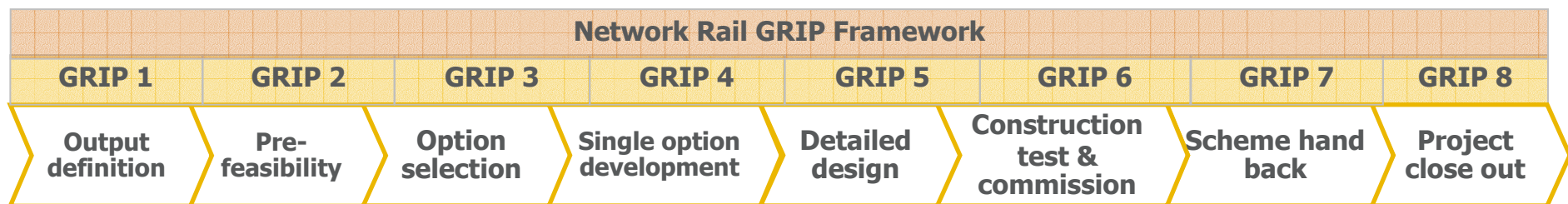
- Leading edge thinking through integration with academic thought-partners
- Massachusetts Institute of Technology (MIT)

### Third Sector (Charitable)

- Community partnerships aligned to societal objectives
- New employment partnerships with DofE (Duke of Edinburgh's award)

# Optimising the Existing Asset

## Example: Network Rail

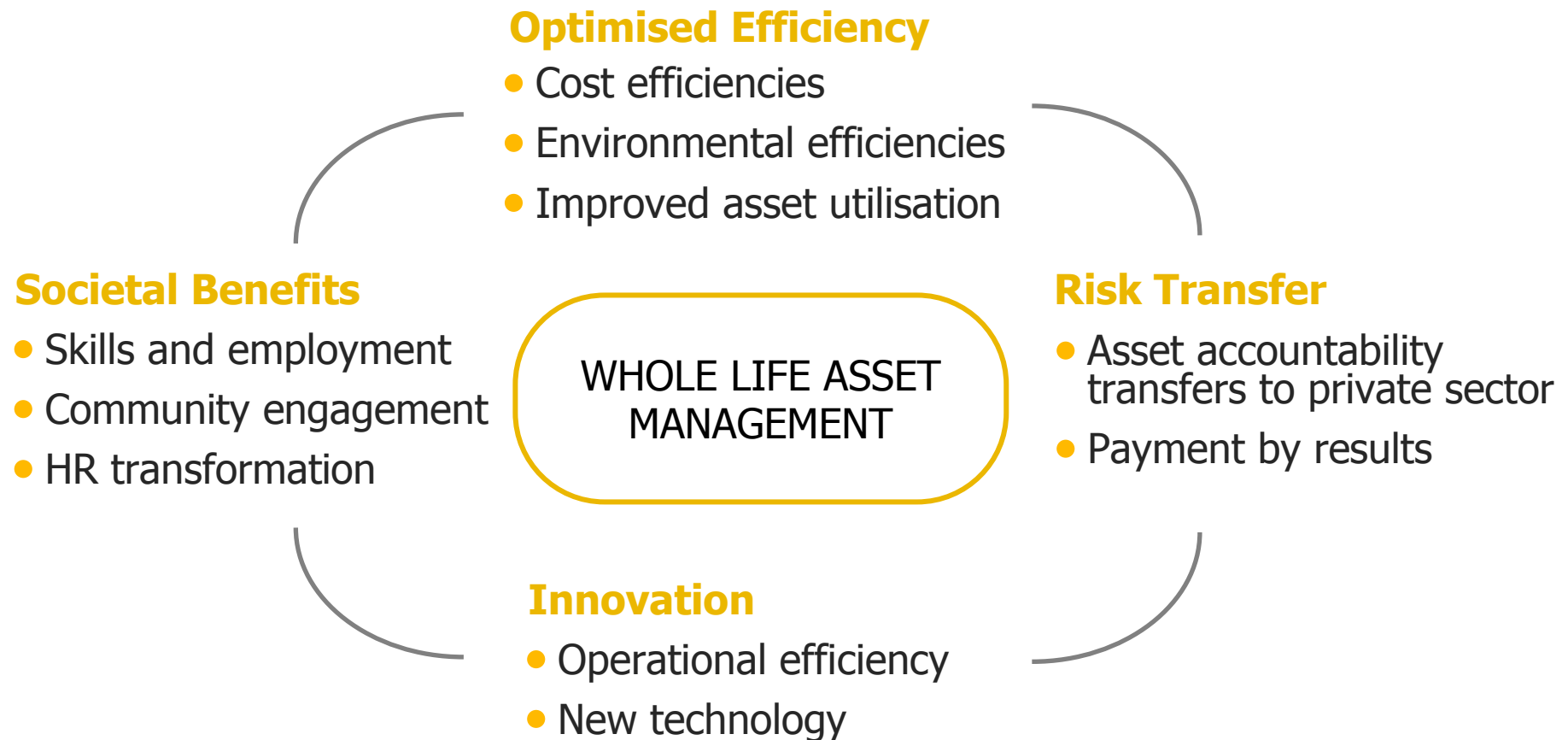


### Case study: Cotswolds line outcomes

- Utilised full asset management approach from design and feasibility to signalling & track renewals
- On going maintenance improved through effective and efficient installation
- Disruption minimised through coordination with other Amey rail contracts
- Project delivered on time & generated cost efficiencies
- Transferred risk through stage assessments
- 100% safety record



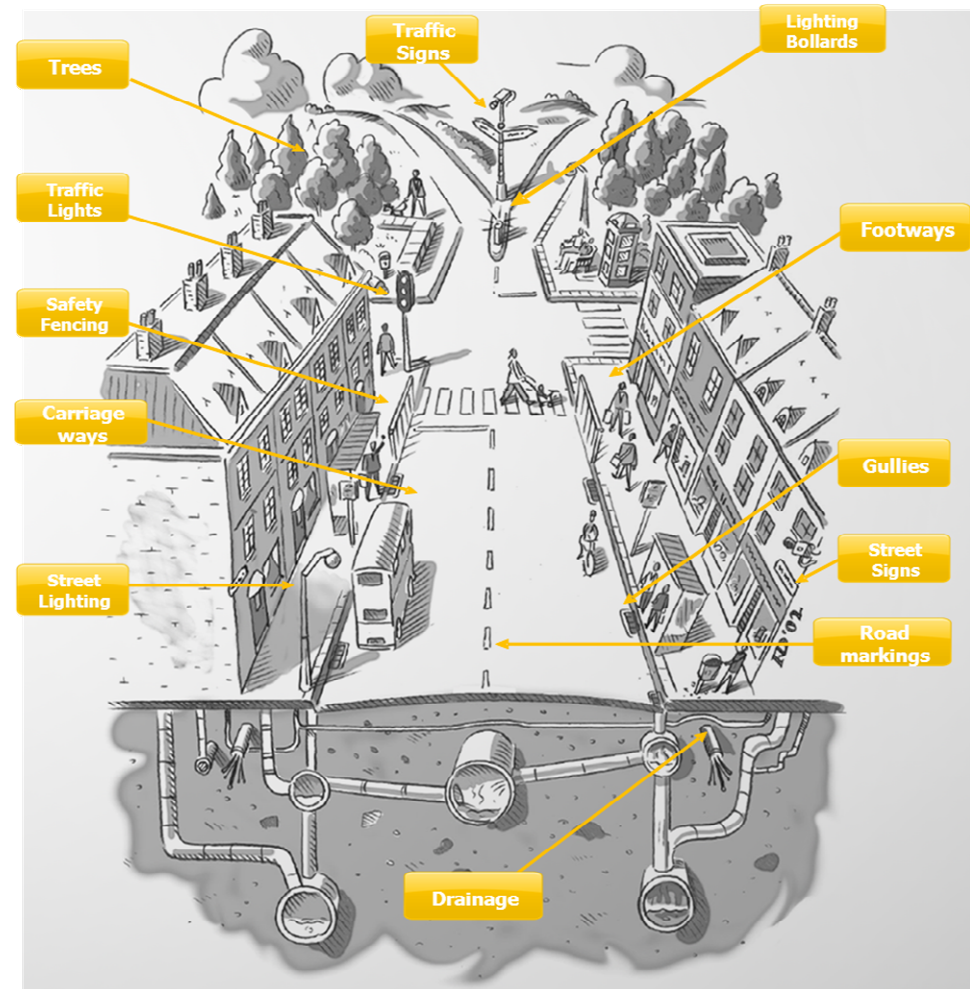
# Benefits of Whole Life Asset Management



## Application of Whole Life Asset Management

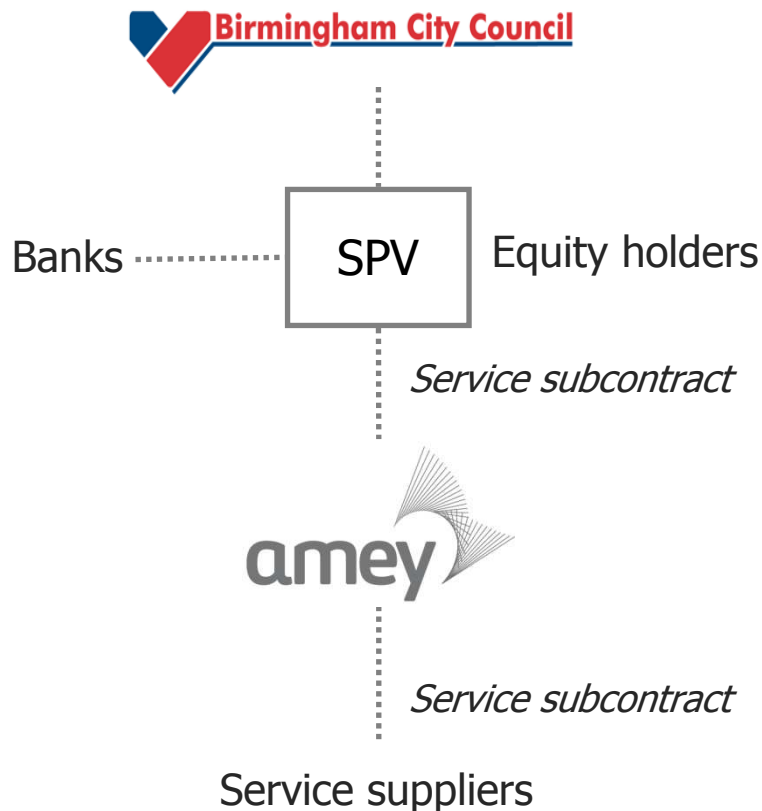
### Contract dynamics

- 25 year, £2.7bn PFI contract
- Largest local authority contract in Europe
- 5 year capex period - £350 M
  - Payment released every semester according to milestones & Service Level Agreements
- 20 year maintenance period
- Payment by results (ca 1,500 indicators)
- Driving 20% efficiencies for client
  - 30% more productive
  - Investment in new technology
  - Process reinvention



## Contractual Structure

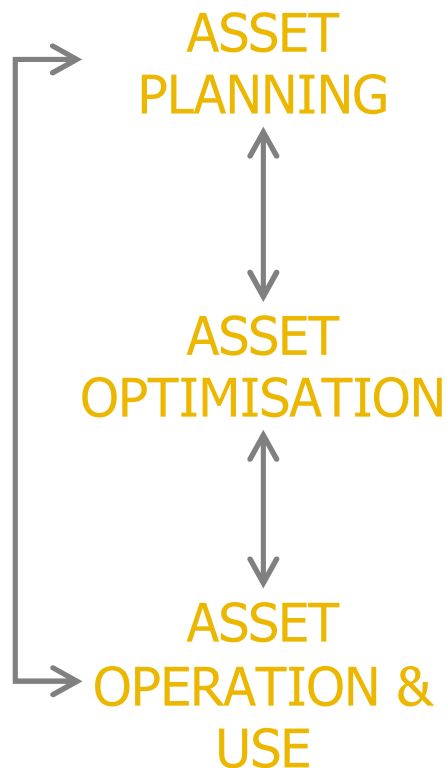
### Governance structure



### Main benefits for the client

- Ability to manage complex financing and attract private investment
- Payment by results ensure quality metrics are delivered
- Investment in new technology
- Long term partnership creates platform of relationship development
- Risk transfer through real application of asset management

## Example: Birmingham Tunnels Refurbishment



- Integration of specialists teams
  - Design, civils, M&E, technology systems, transportation & planning, operational delivery
- Tunnels integrated into asset management schedule for the capex period
- Utilising traffic modeling, Amey devised alternative programme to the client specification that reduced disruption, cost & time risk
- Solution designed by Amey, retaining profits in-house
- Enhances Amey's reputation for whole solution value add

# Anticipating Market Challenges

**Íñigo Jodra**

Director of Strategy & Development



# Our Clients Face a Challenging Environment

## 1. Economic

- Limited economic growth
- Credit and liquidity shortages

Constraints of public resources and more demanding society

## 2. Socio-demographic

- Urban population
- Unemployment

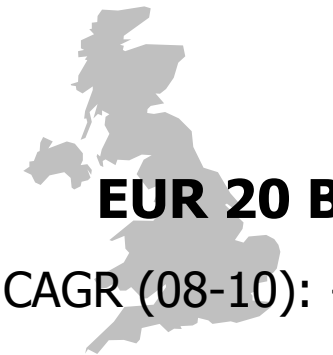
## 3. Environmental

- Regulation
- More responsible society



## Search for Efficiency of the Public Sector

Public spending in infrastructure maintenance services (2010)



Trends public sector

- Bundling
- Scope optimisation
- Privatisation

- Outsourcing
- Partnership schemes
- Bundling

Success factors

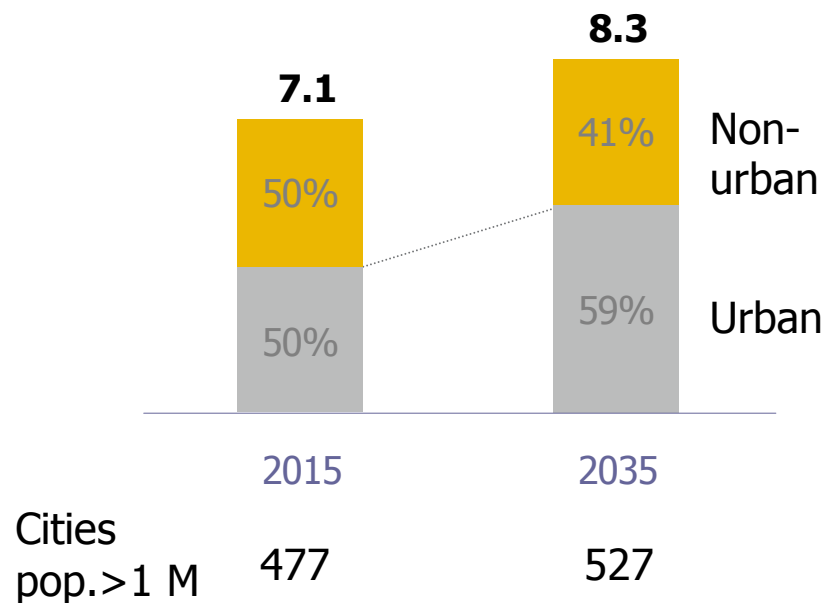
- Financial strength
- Services portfolio
- Asset management

## 2. SOCIODEMOGRAPHIC

# Cities Are a Growing Priority

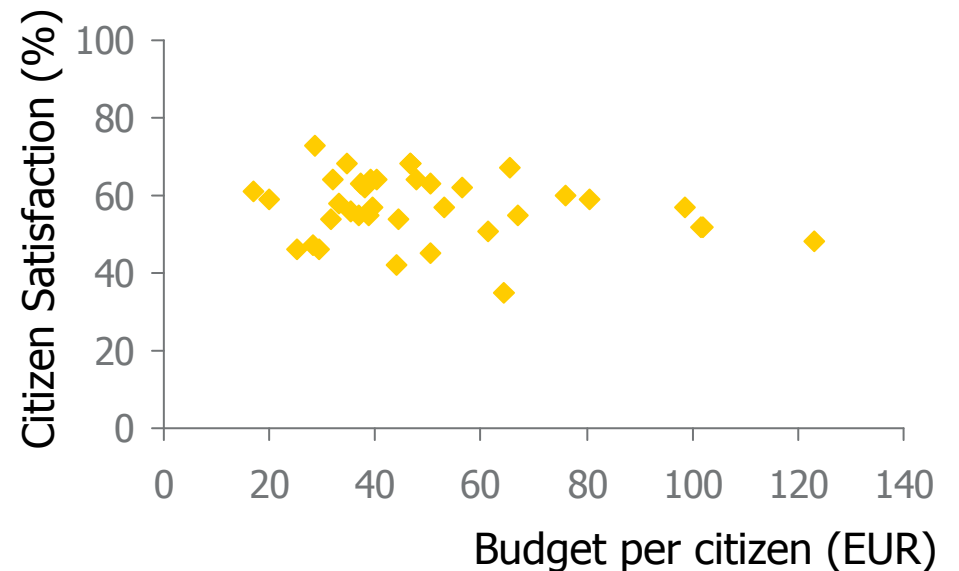
### Increasing Urban Population

World population (billion)



### Dissatisfied citizens

Example: Spanish cities <sup>1)</sup>



1) Waste management and collection – city spend and citizen satisfaction (2010)  
Source: United Nations, OCU, Ferrovial Services analysis

## Regulation Drives Environmental Focus



### Main regulatory frame

### Main content/objectives

- Directive 2010/75/EU Industrial Emissions

- Limits to greenhouse gas emissions
- BAT<sup>1)</sup> implementation
- New monitoring requirements

- Directive 2008/98/EC Waste

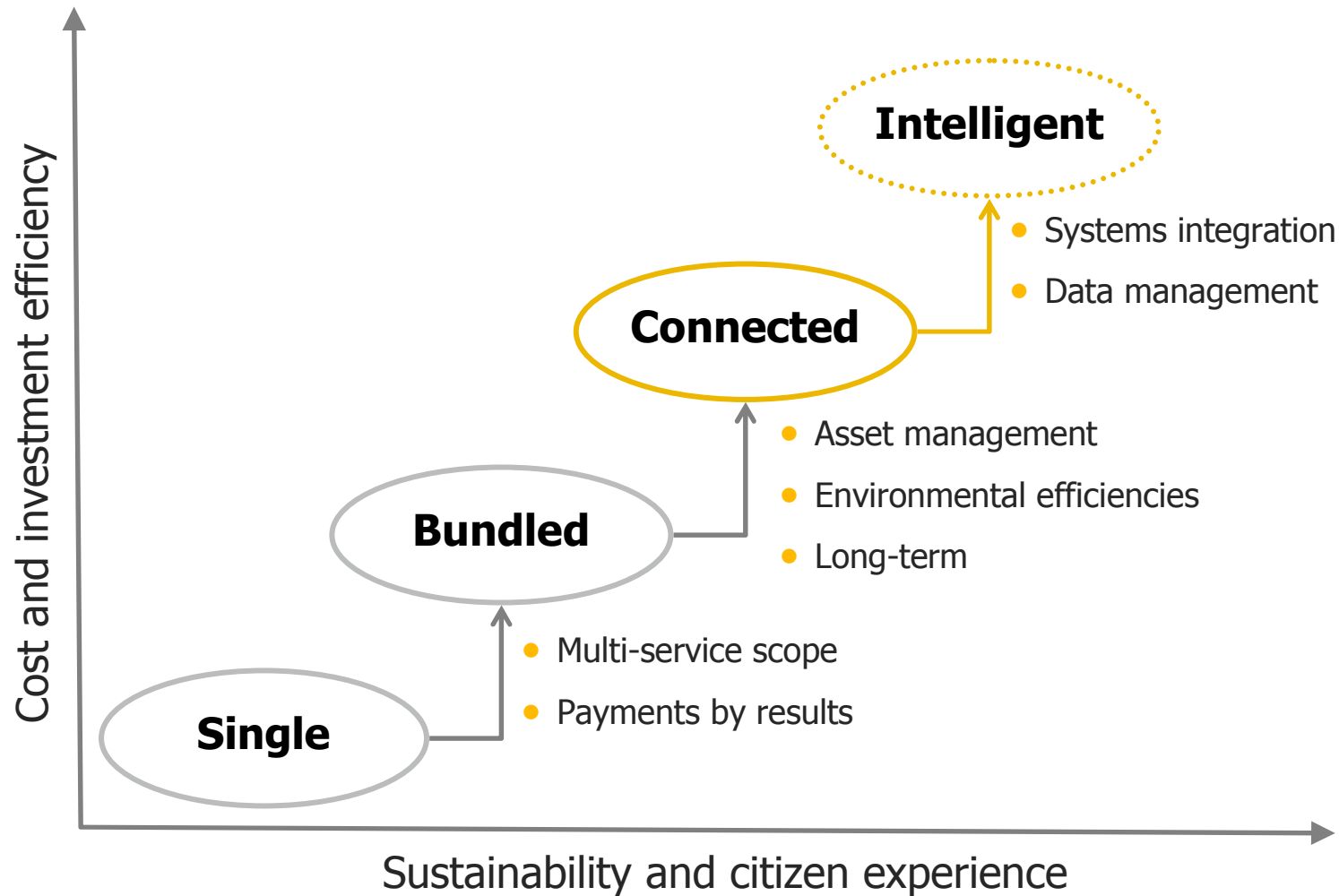
- 2020 recycling objectives

- European Commitment to 20/20/20 target by 2025

- 20% cut in greenhouse gas emissions
- 20% increase in renewable energy
- 20% cut in energy consumption

- **Environmentally friendly service offer**
- **Environmental risk control and management**

# Clients Demand New Business Models



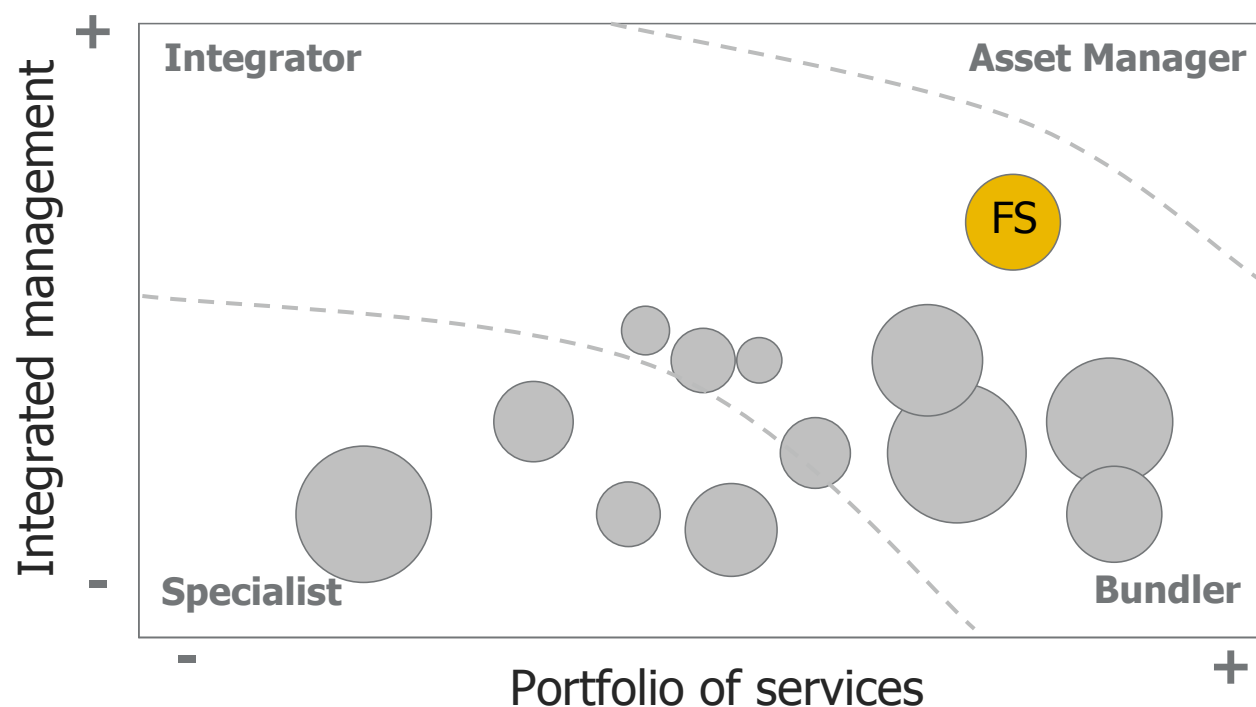
# Connected Contracts Are a Reality

Examples of existing contracts & current bids

	Scope	Years	EUR B	Service providers	
				Bidders	Winner
<b>Birmingham</b>	<ul style="list-style-type: none"> <li>Highways maintenance, street lighting</li> </ul>	25	3.2	<ul style="list-style-type: none"> <li>Amey</li> <li>Vinci/John Laing/WSP</li> </ul>	<ul style="list-style-type: none"> <li>Amey</li> </ul>
<b>Murcia</b>	<ul style="list-style-type: none"> <li>Waste collection and treatment, street cleansing</li> </ul>	20	1.6	<ul style="list-style-type: none"> <li>Cespa</li> <li>Sacyr</li> <li>FCC</li> </ul>	<ul style="list-style-type: none"> <li>Cespa</li> </ul>
<b>Sheffield</b>	<ul style="list-style-type: none"> <li>Highways maintenance, street lighting</li> </ul>	25	2.7	<ul style="list-style-type: none"> <li>Amey</li> <li>Carillion/Mouchel</li> </ul>	<ul style="list-style-type: none"> <li>tbd</li> </ul>
<b>Isle of Wight</b>	<ul style="list-style-type: none"> <li>Highways maintenance, street lighting</li> </ul>	25	0.9	<ul style="list-style-type: none"> <li>Amey</li> <li>Vinci</li> <li>Colas</li> </ul>	<ul style="list-style-type: none"> <li>tbd</li> </ul>

# FS is Ready to Seize the Opportunity

## Business models of European support services companies



### New success factors

- End-to-end delivery
- Integrated offer to cities
- Sustainability
- Scale

○ Support services sales in Europe

# Cutting-Edge Services: Intelligent Cities

**Enrique Sánchez**  
Director of Cities



## An Attractive Market – FS is Well Positioned

### Large potential market



Cities >50K inhabitants

145

194

Citizens of cities >50K

24.6 M

31.2 M



Market size

EUR 8-10 B

EUR 14-17 B

### FS capabilities and resources

- Strong presence in the city services market
  - 134 out of 339 cities in Spain and UK are FS clients
- Largest integrated portfolio of urban services
- Know-how in sophisticated PPP contracts
  - Order book > EUR 6 B
- Experience in KPI-based schemes



## FS Model: Higher Quality at Lower Cost

### Main features

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- Integration → economies of scale
- Operational excellence → efficiency
- Output-oriented/KPIs → flexibility
- Citizen/client focus → quality
- “Smart” technology → functionality
- Sustainability/long-term → viability

### Benefits for Cities and Citizens

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- 20% public expenditure savings
- Citizen satisfaction
- Long-term employment

## Action Plan

### Main short-term actions

- Specific Cities division created
- Commercial & Marketing plan
- City services re-engineering

### Main resources

- Multidisciplinary and dedicated team
- Far-reaching commercial network
- Strong in-house R&D capabilities

### Partnerships

- Technological firms
- Academic and research institutions
- Industrial specialists - lighting, mobility etc.

### Impact in 2012-16

- **Market leader in Spain and UK**
- **Order book: EUR 6 B +**

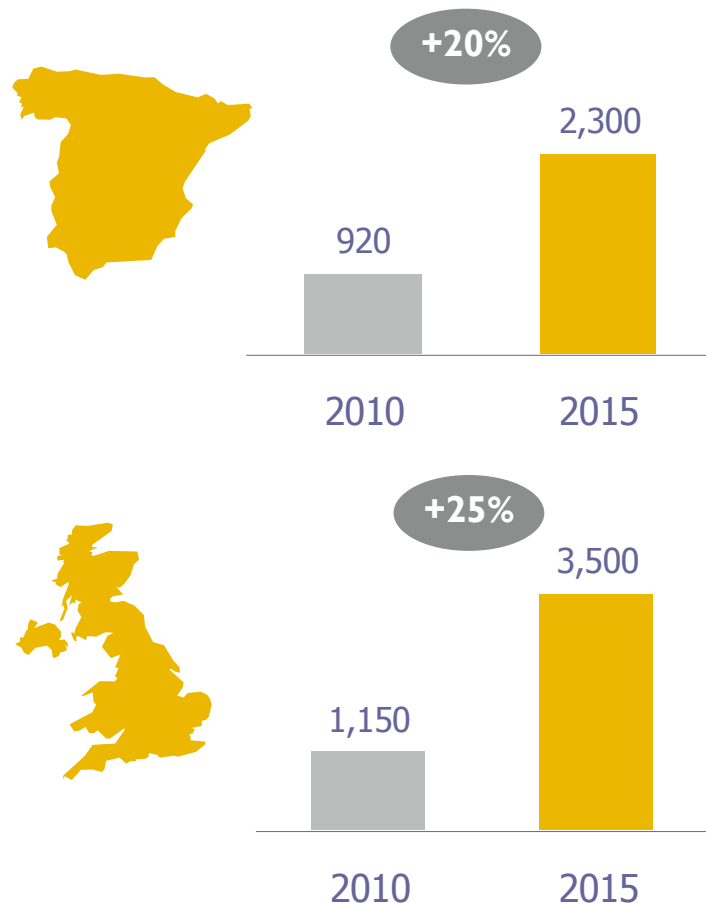


# Cutting Edge Services: Energy Efficiency

**Juan Ignacio Beltrán**  
CEO Ferrosfer

## Energy Efficiency is Emerging in Spain and the UK

### Market (EUR M, CAGR)



### Main growth drivers

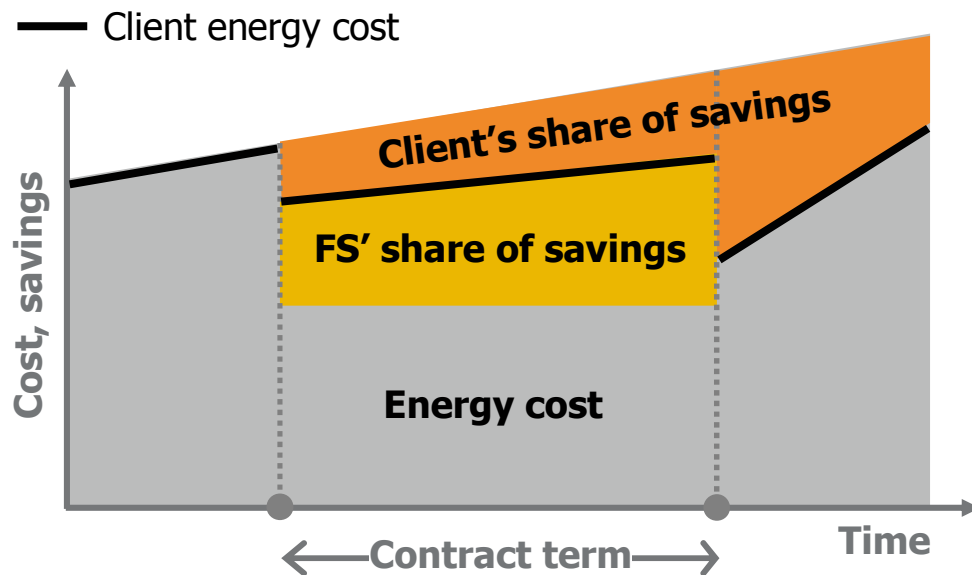
- Energy cost optimization
- Environmental regulation
- Corporate social responsibility
- Quality of life improvement
- Development of Cities

### Main players

- FM specialists
- Utilities
- Engineering firms
- Equipment providers
- Niche consultancies

## FS Model: End-to-End Focused on Total Savings

### FS Energy Efficiency model



- End-to-end, internal resources
- Know-how on all technologies
- Proprietary systems
- SLA-driven contracts

### Example: Bilbao Kirolak contract

- Client: Bilbao Council
- Scope: 24 centers
- Term: 10 years
- Benefits for the client
  - 25% cost savings
  - 27% lower gas consumption
  - 7% lower electricity consumption
  - 2,000 tn/year less CO<sub>2</sub> emissions

## Action Plan

### Main short-term actions

- Grow share in buildings and public lighting
- Increase presence in Industrial market
- Contracts in district heating and cooling

### Main resources

- Sales network in Spain and UK
- Engineering and technical personnel
- Energy and industrial accreditations
- Capex for technical upgrades

### Partnerships

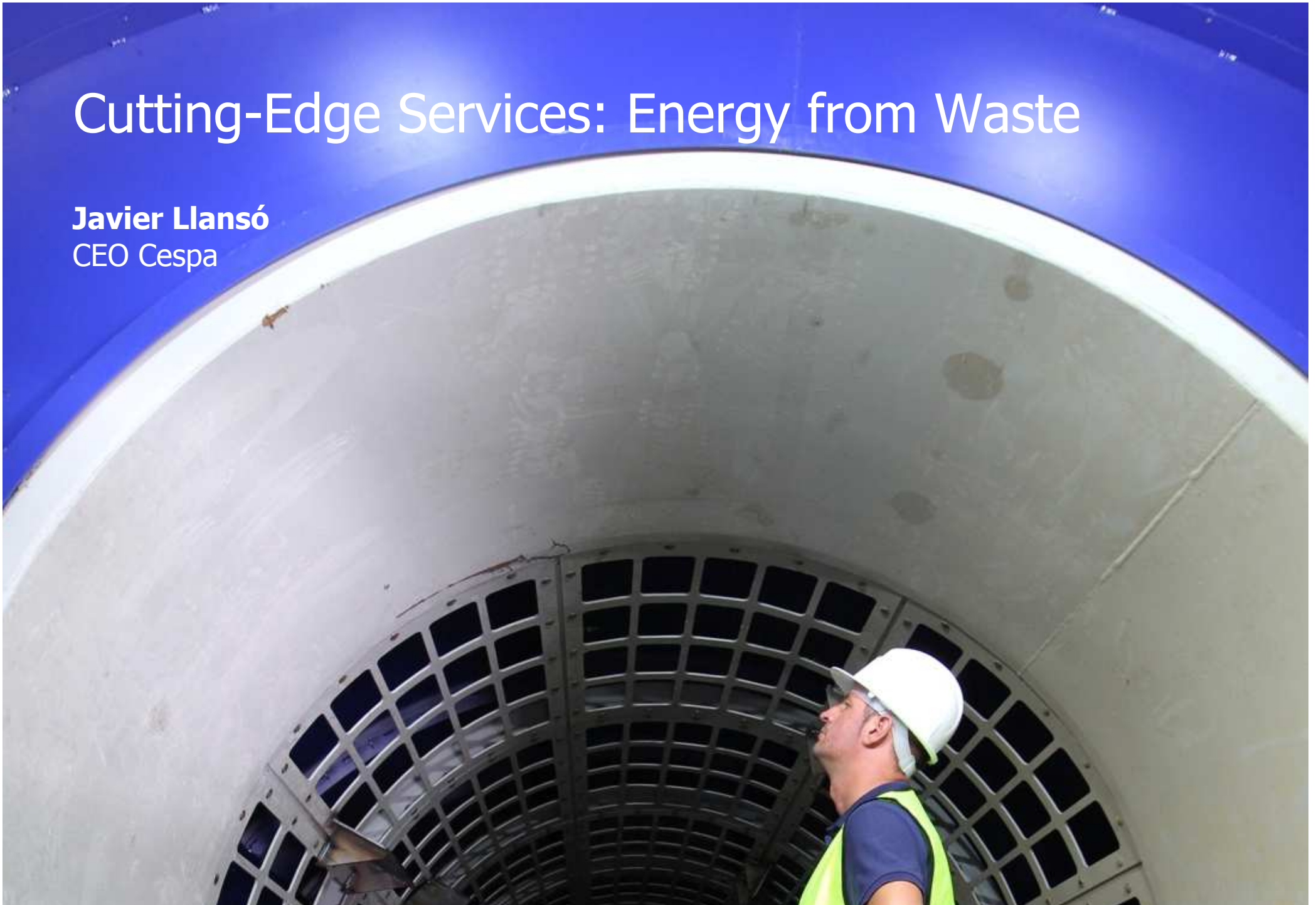
- Utilities
- Equipment manufacturers
- Engineering and consulting firms

### Impact in 2012-16

- **Top 3 player in Spain and UK**
- **Order book: EUR 500 M +**

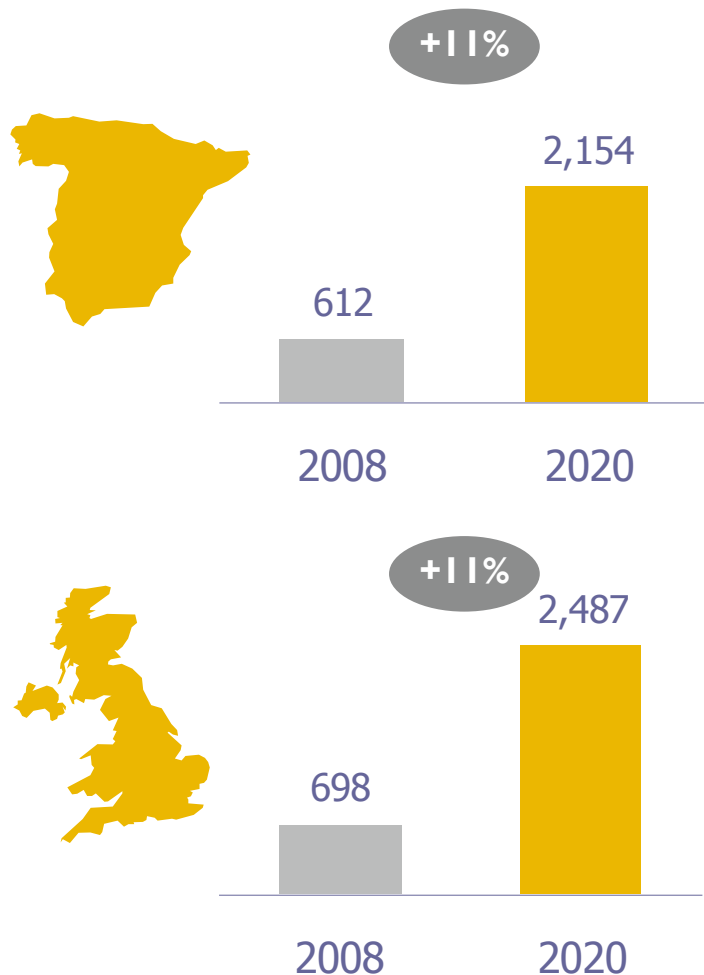
# Cutting-Edge Services: Energy from Waste

**Javier Llansó**  
CEO Cespa



## High Growth Market in Environmental Services

### Market (EUR M, CAGR)



### Main growth drivers

- EU regulation
- European Commission forecast: increase in waste generation
- Energy prices and consumption increasing worldwide
- CO<sub>2</sub> trading from renewable energy

### Growth opportunities

- Ambitious targets of Renewable Energies Plan 2011-20
- 9 new incinerator projects
- Subsidies to energy from waste
- DEFRA's list includes >30 incinerator plants
- Scotland's target: 25% of waste through EfW
- Anaerobic digestion promotion



## FS Has the Relevant Experience and Capabilities

### 660 GWh produced in 2010

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- Landfill and anaerobic digestion biogas (14 plants)
- Municipal solid waste thermal treatment
- Industrial waste thermal treatment
- Solid recovered fuel
- Forest and agriculture biomass



### Other competitive advantages

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- Experience in public services and waste management/treatment
- Know-how in biogas energy recovery
- One of main producers of Solid Recovered Fuel in Spain
- Technical and R&D staff

## Action Plan

### Main short-term actions

- Development of awarded capacity
  - 1 Thermal Treatment plant (UK)
  - 8 SRF<sup>1)</sup> production plants (Spain)
  - 3 Anaerobic Digestion plants (Spain, UK, Portugal)
  - 3 Combined Heat & Power plants (Spain)

### Main resources

- Equity investment
- Specialized Technical and R&D staff
- External contracts

### Partnerships

- Technical equipment suppliers
- Providers of project finance senior debt
- Power and SRF offtakers

### Impact in 2012-16

- **Leader in Spain, Top 3 in UK**
- **Order book: EUR 2.5 B +**

<sup>1)</sup> Solid Recovered Fuel  
Source: Ferrovial Services

# Strategic Plan to Maintain Profitable Growth

**Santiago Olivares**

CEO Ferrovial Services



# Three Strategic Guidelines

## **1. Optimize operational efficiency**

- Cross-functional efficiency programs
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## **2. Expand value-added services portfolio**

- Cutting-edge innovation projects
  - Acquire distinctive capabilities
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## **3. Grow in new geographies**

- Multi-service platforms in Europe and America

# 1. OPERATIONAL EFFICIENCY

## Ongoing Efficiency Program

	Key levers	Target
<b>Indirect costs (central, contracts) – Infrastructure Maintenance UK</b>	<ul style="list-style-type: none"><li>• Accounts payable</li><li>• Temporary employees recruitment</li><li>• Organisation</li></ul>	<ul style="list-style-type: none"><li>• 20 M€ savings</li></ul>
<b>Direct costs – Environmental Services Spain</b>	<ul style="list-style-type: none"><li>• Route optimisation</li><li>• Supplier management</li><li>• Operational personnel</li></ul>	<ul style="list-style-type: none"><li>• 3-5% cost reduction</li></ul>
<b>Sourcing (external supplies) – Infrastructure, Facilities Management Spain</b>	<ul style="list-style-type: none"><li>• Sourcing organisation, processes</li><li>• Supplier management</li><li>• Order and invoices control</li></ul>	<ul style="list-style-type: none"><li>• 4-6% cost reduction</li></ul>
<b>Sales organization – Spain</b>	<ul style="list-style-type: none"><li>• Sales personnel productivity</li><li>• Knowledge centralization</li></ul>	<ul style="list-style-type: none"><li>• Improve sales effectiveness</li></ul>

## 2. VALUE-ADDED SERVICES

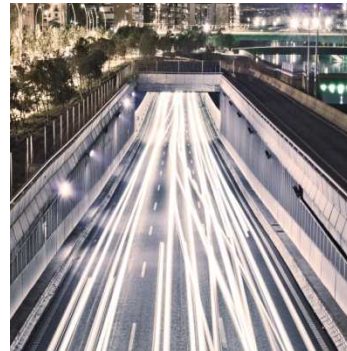
# Cutting-Edge Services to Foster Organic Growth

### Intelligent Cities



- 15-25% cost savings
- Quality of service
- Citizen engagement

### Energy Efficiency



- 20% energy consumption savings
- Capex and risk sharing

### Energy from Waste



- Reduction of CO<sub>2</sub> emissions
- Reduction of landfilled waste

## New Geographies – Key Driver for Value Creation

### Strategic rationale

- Profitable growth
- Diversification
- Distinctive, proven business model
- Management team, knowledge
- Leverage Ferrovial presence

### Internationalization model

- Focus on large and growing markets
  - Emerging: strong macroeconomic fundamentals
  - Developed: propensity to outsource, favorable regulatory and labor force
- “Two-speed” on a case by case basis
  - Acquisition of local platforms
  - Greenfield through JV and contracts
- Financial and value creation criteria

# Future Profitable Growth and Cash Generation

- 1** Proven and resilient business model
- 2** Key distinctive capabilities
- 3** Clear strategic direction
- 4** Ability to develop new markets
- 5** Qualified, committed management team

## 2011-15 goals (organic)

- CAGR Sales: 5-8%
- EBITDA Margin: 10%+



# Final Remarks

**Íñigo Meirás**  
CEO Ferrovial

