

LRT



PLANNING & DESIGN

- Conceptual design
- Preliminary design
- Financial studies
- Socio-economic studies
- Impact statement

CONSTRUCTION

- Preliminary engineering
- Technical specifications
- Tender documents
- Procurement
- Project management
- Construction management
- Construction supervision
- Commissioning and start-up

MISSIONS

- Operation support
- Safety expertise
- Assistance to the owner
- Other expertise

FIELDS

- Environmental engineering
- Structural/ Civil engineering
- Operation system
- Rolling stock
- Workshop and maintenance

Project	Conceptual design	Preliminary design	Financial studies	Socio-economic studies	Impact statement	Preliminary engineering	Technical specifications	Tender documents	Procurement	Project management	Construction management	Construction supervision	Commissioning and start-up	Operation support	Safety expertise	Assistance to the owner	Other expertise	Environmental engineering	Structural/ Civil engineering	Operation system	Rolling stock	Workshop and maintenance	Length (km)
International																							
Algeria – Alger / Lines 2	●	●																					23.2 km
Algeria – Annaba / Line 1	●	●																					23 km
Algeria – Batna / Line 1	●	●		●															●	●	●		15 km
Algeria – Constantine / Line 1						●	●	●	●	●	●	●	●						●	●	●	●	9 km
Algeria – Sétif / Line 1	●	●		●															●	●	●		25 km
Algeria – Sidi Bel Abès/ Line 1	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	13.8 km
Australia – Brisbane / Line 1	●			●		●				●						●			●	●	●		12.5 km
Australia – Melbourne / LRT network															●	●				●	●		20 km
Belgium – Brussels / LRT extension		●																	●	●	●	●	
Belgium / Charleroi Fork Gosselies	●	●				●	●	●	●	●	●	●	●						●	●	●	●	8 km
Canada – Québec / LRT network	●	●	●	●	●														●	●	●	●	35 km
Canaries Islands – Tenerife / LRT network	●	●	●	●	●	●	●												●	●	●	●	12.5 km
Czech Republic – Brno / Network modernisation		●	●												●				●	●	●		75 km
Dominican Republic – Santo Domingo / Line 1	●	●																	●	●	●	●	
Greece – Athens / City Centre circle line	●	●	●	●	●	●	●												●	●	●	●	18 km
India – Bangalore / LRT network				●												●			●	●	●	●	90 km
India – New Delhi / Line 1		●		●		●													●	●	●	●	
Ireland – Dublin / Lines A, B, C	●	●	●	●	●	●	●	●	●	●				●	●	●			●	●	●	●	20 km
Italy – Florence / Line 1	●	●		●		●										●							7.5 km
Italy – Parma / Lines 1 & 2						●	●												●	●	●	●	12 km
Italy – Trento / LRT network	●	●	●			●	●	●	●	●	●	●	●	●	●				●	●	●	●	18 km

Tomorrow's transport today



PLANNING & DESIGN

CONSTRUCTION

MISSIONS

FIELDS

KM

Conceptual design
Preliminary design
Financial studies
Socio-economic studies
Impact statement

Preliminary engineering
Technical specifications
Tender documents
Procurement
Project management
Construction management
Construction supervision
Commissioning and start-up

Operation support
Safety expertise
Assistance to the owner
Other expertise

Environmental engineering
Structural/ Civil engineering
Operation system
Rolling stock
Workshop and maintenance

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Jordan – Amman / LRT Lines 1,2 & 3	●																						40 km
Morocco – Casablanca / Transport system with exclusive rights of way								●							●			●	●	●	●	●	21 km
Morocco – Rabat / Lines 1 & 2	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●	●	●	●	●	18 km
Norway – Bergen / Line 1 and extensions		●														●		●				●	13 km
Norway – Oslo / LRT network		●																					84.2 km
Poland – Krakow / Fast Tram		●	●			●	●	●	●	●	●	●	●			●		●	●	●			3.5 km
Portugal – Coimbra-Mondego / Line 2		●				●	●	●								●		●	●	●	●	●	45 km
Portugal – Lisbon / Southern Tagus	●	●	●	●	●	●				●						●		●	●	●	●	●	26 km
Portugal – Oporto / LRT network	●	●	●	●	●	●	●			●			●					●	●			●	70 km
Saudi Arabia – Riyadh / LRT	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●				40 km
Saudi Arabia – Jeddah / Blue & Orange lines	●																						56 km
Spain – Barcelona / Line 1	●	●		●														●	●	●	●	●	9.8 km
Spain – Bilbao / Line 1	●	●		●		●	●											●	●	●	●	●	5 km
Spain – Madrid / Lines T2 & T3																●							22.5 km
Spain – Seville / Downtown line	●	●																●	●	●	●	●	1.4 km
Switzerland – Geneva / Lines 12-13						●				●	●			●		●		●					3.8 km
Tunisia – Tunis / 2 lines		●														●		●	●				19 km
Ukraine - Lviv / Network extension	●	●		●		●	●											●	●	●	●	●	78 km
United Kingdom – Edinburgh / Lines 2, 3	●	●																●	●	●	●	●	
United Kingdom – Liverpool / Line 3																●		●	●	●	●	●	30 km
United Kingdom – Manchester / Metrolink		●	●													●		●	●	●			7 km
France																							
West	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●	●	●	●	●	14 km
City of Angers – West / Line 1	●	●	●																				
City of Aubagne – South / Line 1	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●	●	●	●	●	10 km
City of Besançon – East / Line 1	●	●	●			●	●	●	●	●	●	●	●					●					14 km
City of Bordeaux – South West / Line D	●	●		●		●	●	●	●	●	●	●	●					●	●	●			2 km
City of Bordeaux – South West / Network study	●	●		●																			43.9 km
City of Clermont Fd – Centre / On tyres LRT	●	●	●	●	●	●				●								●	●				14.2 km
City of Dijon – East / Lines 1 & 2	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	18 km

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Tomorrow's transport today



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PLANNING & DESIGN

CONSTRUCTION

MISSIONS

FIELDS

Km

Conceptual design
Preliminary design
Financial studies
Socio-economic studies
Impact statement

Preliminary engineering
Technical specifications
Tender documents
Procurement
Project management
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Construction supervision
Commissioning start-up

Operation support
Safety expertise
Assistance to the owner
Other expertise

Environmental engineering
Structural/ Civil engineering
Operation system
Rolling stock
Workshop and maintenance

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City of Reims – North East / Line 1	●	●		●		●												●	●	●			10 km
City of Rouen – West / Extensions	●	●	●	●	●	●												●	●	●	●	●	10 km
City of Rouen – West / Line 1	●	●	●	●	●	●												●	●	●	●	●	15.7 km
City of Strasbourg – East / Extensions	●	●	●	●		●	●	●	●	●	●	●	●		●	●			●	●	●	●	15 km
City of Strasbourg – East / Lines A & E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	23 km
City of Strasbourg – East / Lines B, C, D	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	8 km
City of Strasbourg – East / Extensions East-West	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●			18 km
City of Toulon – South / Line 1	●	●	●	●	●	●												●	●	●	●	●	9 km
City of Toulon – South / Line 2		●																	●				10 km
City of Toulouse – South / Line E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	24.4 km
City of Tours – Centre / Transport systems with exclusive rights of way		●	●															●	●				70 km
Greater Paris Region – Boulogne-Billancourt / Line T2	●	●	●	●	●	●											●	●					14 km
La Réunion Island / Tram-train	●	●	●	●	●	●											●	●	●	●	●		8 km
Paris		●		●	●													●	●	●	●		12 km
Paris / T3 extension : Maréchaux Est				●							●	●		●	●			●					11.7 km
Paris / T3 Maréchaux Sud										●		●		●	●			●	●	●			9.5 km
Saint Denis-Bobigny – Greater Paris Region / 1 line						●	●	●	●	●	●	●	●			●			●				14 km
Saint Etienne – South East / LRT network						●	●	●	●	●	●	●	●						●				
Saint Etienne – South East / Extensions	●		●			●			●	●	●	●	●								●	●	
Valenciennes – North / Line 1		●	●	●		●	●	●	●	●	●	●	●					●	●	●	●	●	
Vélizy-Viroflay – Greater Paris / LRT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●		

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CONVENTIONAL METRO



PLANNING & DESIGN	CONSTRUCTION	MISSIONS	FIELDS	KM
<ul style="list-style-type: none"> Conceptual design Preliminary design Financial studies Socio-economic studies Impact statement 	<ul style="list-style-type: none"> Preliminary engineering Technical specifications Tender documents Procurement Project management Construction management Construction supervision Commissioning and start-up 	<ul style="list-style-type: none"> Operation support Assistance to the owner Other expertise 	<ul style="list-style-type: none"> Safety expertise Environmental engineering Structural/ Civil engineering Operation system Rolling stock Workshop and maintenance 	

International	PLANNING & DESIGN	CONSTRUCTION	MISSIONS	FIELDS	KM
Algeria – Alger / Metro network	●	●	●	●	9.1 km
Belgium – Brussels / North-South axis	●			● ● ● ● ● ●	15.5 km
Brazil – São Paulo / Line 5	● ●			● ●	19.8 km
Canada – Montréal / Laval	●	●	●	●	30 km
Chile – Santiago / 3 metro lines			●	●	37.6 km
China – Guangzhou / Line 1		● ●	● ●	● ●	18.6 km
China – Guangzhou/ Metro network	● ● ● ●			● ● ● ● ● ● ● ●	36.5 km
China – Hong Kong / Modernization of the OCC			●	● ●	91 km
Egypt – Alexandria / Regional metro		●		● ● ● ● ●	
Egypt – Cairo / Line 2			●	● ●	18 km
Greece – Athens / Lines 2 & 3			● ●	●	46.6 km
Greece – Athens / Extensions: lines 2 & 3		●		●	1.8 km
Italy – Parma / 2 metro lines		● ●		● ● ● ● ● ●	12 km
India – Bangalore / Metro				● ● ● ● ●	18 km
India – Chennai / 2 metro lines	● ● ● ●	● ● ● ● ● ● ●	●	● ● ● ●	45 km
India – Delhi / Metro				● ● ● ● ●	37 km
India – Kolkata / Line 1	● ● ●	● ● ● ● ● ● ●	●	● ● ● ●	15 km

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Tomorrow's transport today



PLANNING & DESIGN

CONSTRUCTION

MISSIONS

FIELDS

KM

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	Conceptual design	Preliminary design	Financial studies	Socio-economic studies	Impact statement	Preliminary engineering	Technical specifications	Tender documents	Procurement	Project management	Construction management	Construction supervision	Commissioning and start-up	Operation support	Assistance to the owner	Other expertise	Safety expertise	Environmental engineering	Structural/ Civil engineering	Operation system	Rolling stock	Workshop and maintenance	KM
Iran – Ahwaz / Metro network	●	●				●	●	●							●			●	●	●	●	●	24 km
Iran – Ispahan / 1 metro line	●														●						●		5 km
Iran – Mashaad/ line 2	●	●																		●	●	●	14 km
Iran – Tabriz / Metro network	●	●				●	●											●	●	●			12 km
Korea – Taejon / Transport network	●														●					●			30 km
Morocco – Casablanca / Transport system with exclusive rights of way															●			●	●	●	●	●	21 km
Portugal – Lisbon / Metro extension & signalisation										●	●	●		●	●	●		●		●			37.7 km
Portugal – Oporto / Metro network	●	●	●	●	●	●	●			●			●					●	●			●	70 km
Saudi Arabia – Riyadh / Light metro	●	●	●	●	●	●	●	●												●	●	●	40 km
Saudi Arabia - Makkah / Metro	●	●	●	●		●														●	●		17 km
Serbia-Belgrade / MRT	●	●	●	●																			15 km
Turkey – Izmir / Existing line extension						●	●	●	●		●	●								●			9 km
United Kingdom – London / Jubilee Line												●			●								36.2 km
USA – New York / ATS A						●				●								●		●			17 km
USA – New York / Canarsie Line						●					●	●	●					●		●			22 km
USA – New York / SIRTOA						●		●	●	●	●	●	●					●		●			
France																							
City of Lyon – South East / Line B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	6.2 km
City of Lyon – South East / Line A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	9.3 km
City of Lyon – South East / Line B extension to Oullins	●	●	●			●	●	●	●	●	●	●	●					●	●	●	●	●	1.7 km
City of Lyon – South East / Line C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1.5 km
City of Nice – South / Line 2&3	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	14.3 km
Marseille – South / Line 1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	9 km
Marseille – South / Line 2	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	9 km
Marseille – South / Line 1 extension	●	●	●	●		●	●	●	●	●	●	●	●					●		●	●		1.2 km
Marseille – South / OCC metro	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	19 km

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DRIVERLESS METRO



PLANNING & DESIGN	CONSTRUCTION	MISSIONS	FIELDS	KM
<ul style="list-style-type: none"> Conceptual design Preliminary design Financial studies Socio-economic studies Impact statement 	<ul style="list-style-type: none"> Preliminary engineering Technical specifications Tender documents Procurement Project management Construction management Construction supervision Commissioning and start-up 	<ul style="list-style-type: none"> Operation support Safety expertise Assistance to the owner Other expertise 	<ul style="list-style-type: none"> Environmental engineering Structural/ Civil engineering Operation system Rolling stock 	

Project	PLANNING & DESIGN	CONSTRUCTION	MISSIONS	FIELDS	KM
International					
China – Hong Kong / Automatization					55 km
China – Macau / 1 st metro line	● ●	● ● ● ● ● ● ● ●		● ● ● ●	20 km
Egypt – Cairo / Airport : Automatic People Mover	●	● ●	●	● ● ●	2 km
Germany – Munich / Airport : Automatic People Mover			● ●	●	0.7 km
Germany – Nuremberg / Automatization		● ●	● ●	●	30.7 km
Greece – Thessalonien / Metro			●		96 km
Italy – Brescia / Automated light metro		● ●		● ●	129 km
Malaysia – Kuala Lumpur / Technical assistance		● ● ● ● ● ●	● ● ●	● ● ●	30 km
Singapore / ATC				●	20 km
Singapore / Circle line technical review		● ● ●		● ● ●	40 km
Spain – Barcelona / Line 9			●		42 km
Switzerland – Lausanne / Security valuation		● ●	● ●	● ● ● ●	7 km
Switzerland – Lausanne / Operating			●		5.9 km
Switzerland – Lausanne / Railway track studies				● ●	6 km
United Kingdom – London / Docklands			● ●	● ● ● ●	
France					
City of Lille – North / Line 1 & extension	●	● ● ● ● ● ● ● ●	● ● ●	● ● ● ●	13.5 km
City of Lyon – South East / Line D	● ● ● ● ● ●	● ● ● ● ● ● ● ●	● ●	● ● ● ● ● ●	12 km
City of Rennes – Brittany / 2 nd line	● ●	● ● ● ● ● ● ● ●	● ●	● ● ● ●	13 km
City of Strasbourg – East / Val* project	● ● ● ● ● ●	● ● ●		● ●	
City of Toulouse – South West / Val* Line A extension	● ● ● ● ● ●	● ● ● ● ● ● ● ●		● ● ● ● ● ●	2.5 km
Paris / CDG Val*		● ● ● ● ● ●	●	● ● ● ●	3.5 km
Paris / Orly Val*			● ●		7.2 km
Existing line automatization					
South East France / Lines A & B	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●	● ● ● ●	● ● ● ● ● ●	15.5 km
Portugal – Lisbon / Metro extension & signalisation		● ● ● ● ● ● ● ●	● ● ● ● ● ●	●	37.7 km
United Kingdom – London / Jubilee Line			●	●	36.2 km
USA – New York / ATS A		● ●	● ●	●	
USA – New York / Canarsie Line		● ● ● ● ● ●	● ●	● ●	17 km
USA – New York / SIRTOA		● ● ● ● ● ● ● ●	● ●	● ●	22 km

* Val = Automatic light vehicle

SUBURBAN AND CONVENTIONAL RAIL LINES



PLANNING & DESIGN

- Feasibility studies
- Preliminary studies
- Financial studies
- Socio-economic studies
- Environmental Impact statement
- Safety expertise

CONSTRUCTION

- Preliminary design
- Detailed design
- Tender documents
- Procurement
- Project management
- Construction management
- Works supervision
- Commissioning and start-up
- Program management
- Assistance to the owner

FIELDS

- Structural and civil engineering
- Operation systems
- Rolling stock
- Workshop & maintenance
- Operation

KM

	PLANNING & DESIGN	CONSTRUCTION	FIELDS	KM
Suburban lines				
<i>International</i>				
Belgium – Brussels / RER operation simulation	●			30 km
Morocco – Casablanca / RER line studies		●	● ● ●	63 km
<i>France</i>				
Alsace – North East / Bâle-Mulhouse new airport link	● ●		● ●	28 km
City of Amiens – North / Suburban railway masterplan	● ●		● ●	
City of Besançon – East / Suburban railway masterplan	● ●		●	
City of Dijon – East / Suburban railway masterplan	● ●		●	
City of Grenoble – South East / Suburban railway masterplan	● ●		●	
City of Lyon – South East / Functional design of a new railway stop : « Jean Macé »	● ●		● ●	
City of Lyon – South East / LESLYS Tram-train	● ● ● ● ●	●	● ● ● ●	24 km
City of Rennes – Brittany / Suburban railway masterplan	● ● ●		● ● ●	
Greater Paris Region / « North Tangential » rail ring	● ● ● ●	● ● ● ● ● ● ● ● ● ●	●	28 km
Greater Paris Region / « West Tangential » rail ring	● ● ● ● ● ● ●	●	● ● ● ● ● ●	25 km
Greater Paris Region / Audit of the rail infrastructure network	●		● ● ● ●	358 km
Greater Paris Region / Roissy CDG Express line		●	●	9 km
Greater Paris Region / T4 « Aulnay – Bondy » Tram-train line	●	● ● ● ●	● ● ●	6.2 km
La Réunion Island / New tram-train line	● ● ● ● ● ●	●	● ●	70 km
Northern France / « Valenciennes – Mons » reopening line	● ●	●	● ● ● ● ●	42.7 km
South East France / Upgrading of the line Marseille-Gardanne-Aix-en-Provence	●		● ● ●	31.8 km

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CONSTRUCTION

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Operation

	Feasibility studies	Preliminary studies	Financial studies	Socio-economic studies	Environmental Impact statement	Safety expertise	Preliminary design	Detailed design	Tender documents	Procurement	Project management	Construction management	Works supervision	Commissioning and start-up	Program management	Assistance to the owner	Structural and civil engineering	Operation systems	Rolling stock	Workshop & maintenance	Operation	KM
Conventional lines																						
<i>International</i>																						
Congo-Zanaga / Mining Transport	●	●	●	●	●												●	●	●	●		300 km
Poland-CMK/ Modernisation							●	●	●									●	●			220 km
Poland-E 20/ Modernisation							●	●	●									●	●			103 km
Poland-E 30/ Modernisation													●					●	●			67 km
Poland-E 59/ Modernisation	●	●	●	●	●		●	●	●										●			324 km
<i>France</i>																						
Belfort-Delle – East / Line reopening	●			●			●											●	●		●	24.8 km
Bordeaux-Lyon / Upgrading				●														●			●	630 km
Bordeaux-Toulouse-Narbonne / Transport planning and basic design	●			●	●													●			●	396 km
Bourgogne – East Centre / Regional train: Serving frequency	●			●																	●	300 km
Cannes-Grasse – South East / Line reopening															●			●	●			20.7 km
City of Bordeaux – South West / Suppression of railway bottleneck															●			●				
Creil-Beauvais-North / Railway modernisation						●	●	●	●	●								●	●			37 km
City of Lyon – South East / Rail ring	●			●														●			●	50 km
Corsica / Railway network modernisation	●	●		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	100 km
Coutras-Limoges – Centre / Line construction	●																	●				193 km
Dijon-Bourg / "Paris-Marseille": Line Modernisation	●			●														●	●	●	●	159 km
Lyon-Turin / Eastern Section (French side)	●	●		●	●		●											●	●		●	63.5 km
Nantes Etat-Grand Blottereau – West / Change of the rail junction transfer	●	●																●			●	4 km
Nice-Digne – South / Provence railway modernisation	●			●			●	●										●	●	●	●	140 km
North of France / « Bully-Grenay » reopening line				●	●																	3.4 km
Paris East-Ferté Milon / HSL Modernisation	●			●														●			●	66.8 km
Paris-Batignolles / Rail reconstruction	●						●									●		●	●	●		4 km
Portugal – Lisbon / Rolling stock maintenance	●																			●		
South East / Fréjus tunnel	●	●					●	●	●	●	●	●	●	●	●	●				●		
South Léman / Line reopening	●																	●		●	●	18 km
<i>Rolling stock</i>																						
City of Valenciennes – North / Rail test centre	●				●		●	●	●	●	●	●	●	●	●	●		●	●	●		
Greater Paris Region / Rolling stock																●				●	●	
Nord Pas De Calais – North / Regional Train rolling stock expertise			●	●												●				●	●	
Portugal – Lisbon / Rolling stock maintenance	●															●				●		

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HIGH SPEED RAIL



PLANNING & DESIGN

Transport planning & Basic design
Preliminary studies
Financial studies
Socio-economic studies
Environmental Impact statement
Safety expertise

CONSTRUCTION

Preliminary design
Detailed design
Tender documents
Procurement
Project management
Construction management
Works supervision
Commissioning and start-up
Program management
Assistance to the owner

FIELDS

Structural and civil engineering
Operation systems and equipment
Rolling stock
Workshop & maintenance
Operation

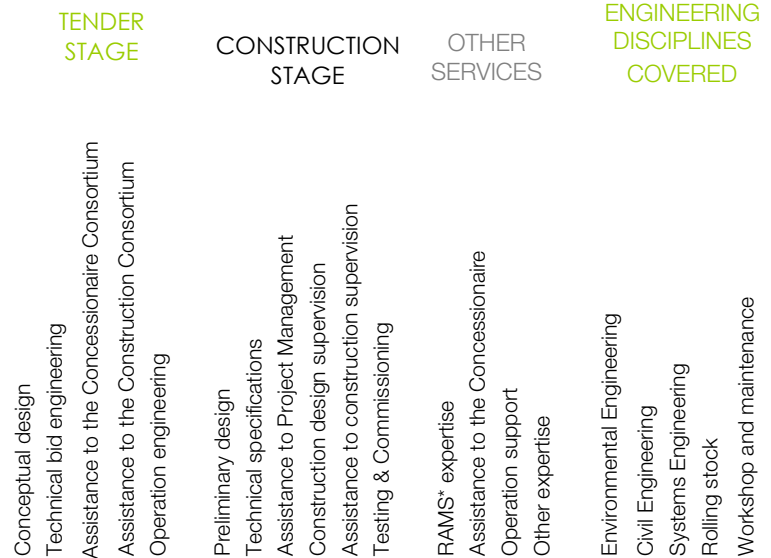
KM

	Transport planning & Basic design	Preliminary studies	Financial studies	Socio-economic studies	Environmental Impact statement	Safety expertise	Preliminary design	Detailed design	Tender documents	Procurement	Project management	Construction management	Works supervision	Commissioning and start-up	Program management	Assistance to the owner	Structural and civil engineering	Operation systems and equipment	Rolling stock	Workshop & maintenance	Operation	KM
International																						
Algeria – Alger-Oran / HSL Modernisation																						67 km
California / HSL	●					●												●	●			805 km
China – Wuhan-Guangzhou / HSL													●					●				182 km
Italy – Lyon-Turin / HSL	●	●				●																280 km
Morocco- Kenitra-Tanger / HSL							●	●	●	●	●	●	●	●	●	●		●				200 km
Poland / HSL modernisation							●	●	●									●	●			220 km
Portugal / HSL network development	●	●																			●	1.6 km
France																						
Atlantic Southern Europe/ HSL				●		●	●	●										●	●		●	340 km
Rhine-Rhone HSL / HSL	●				●		●	●	●	●	●	●	●	●	●	●		●	●		●	85 km
East / HSL	●				●		●	●	●	●	●	●	●	●	●	●		●			●	406 km
Brittany / HSL business case	●	●			●																●	182 km
City of Le Mans – West / Rail ring		●			●																	40 km
Montpellier-Perpignan – South / HSL	●				●	●												●			●	160 km
Nîmes-Montpellier – South / Rail ring				●			●	●								●		●	●		●	71 km
Paris-Orléans-Limoges-Toulouse / Pendular High Speed train					●	●						●								●		681 km
Poitiers-Limoges – West / HSL	●				●	●	●	●										●				100 km
South East / Mediterranean HSL	●	●			●									●				●	●		●	206 km
Rolling stock																						
Ourcq – Greater Paris Region / European technical centre : East HSL					●		●	●	●			●	●	●	●						●	
United States / North East Corridor American Flyer HSL														●					●			

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PUBLIC-PRIVATE PARTNERSHIPS



Main PPP projects completed or in progress

Atlantic Southern Europe / HSL	● ● ●	● ● ●		● ● ● ●
France - Grenoble / Line 2 LRT	● ● ● ● ●	● ● ● ● ● ●	● ● ● ● ●	● ● ● ● ● ●
France - Lyon / LESLYS express LRT		● ● ● ● ●	●	● ● ● ● ●
France - La Réunion Island / Tram-train	● ● ● ●			● ● ● ● ●
Ireland - Dublin / Metro North	● ●			● ● ● ●
Portugal - Oporto / Metro Network	● ● ● ● ●	● ● ● ● ●		● ● ● ● ●

PPP projects in preparation	
France / Brittany HSL	Egis Rail Manager: Arnaud SENECHAL Tel. +33 (0)1 30 48 43 15
France / East HSL extension	Egis Rail Manager: Bruno LAPEYRIE Tel. +33 (0)4 37 72 45 31
Portugal / TTT Lisboa-Poçoirão	Egis Rail Manager: Philippe LOUBET Tel. +33 (0)4 37 72 43 83
Paris - Charles de Gaulle Airport / CDG Express	Egis Rail Manager: Arnaud SENECHAL Tel. +33 (0)1 30 48 43 15
France / Mulhouse LRT extension	Egis Rail Manager: Serge GOUNANT Tel. +33 (0)3 88 19 25 69
Russia / St Petersburg LRT	Egis Rail Manager: Dominique HURBIN Tel. +33 (0)4 76 29 51 59

*RAMS / Reliability, Availability, Maintainability, Safety

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