



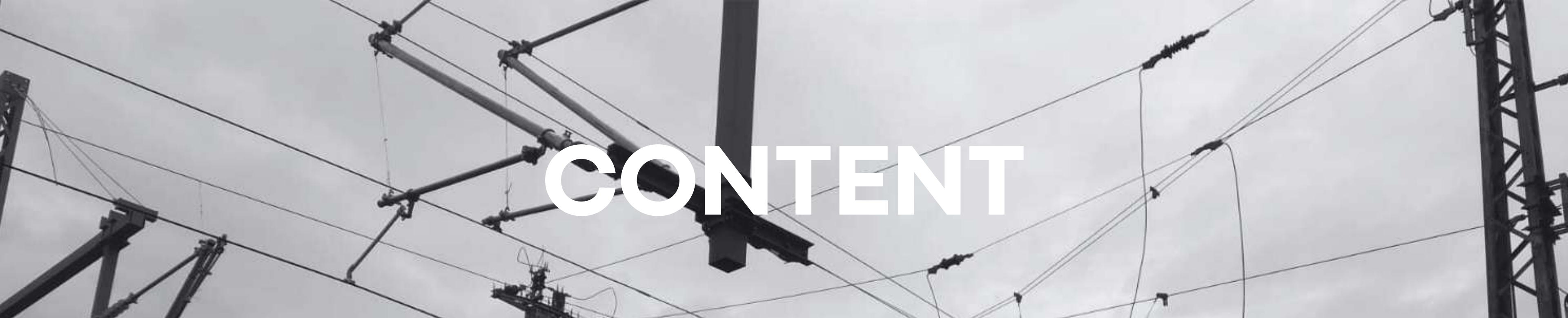
america

INSTALACIONES

RAILWAY ACTIVITIES, METRO AND URBAN TRANSPORT

INDUSTRIAL SERVICES AND FACILITIES

ai



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Projects

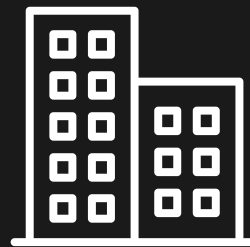
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Signalling

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Our International
Clients

ABOUT US



We are a company with a clear international focus. Our staff has many years and extensive experience in the Railway Electrification Business.



Our team is specialized in assembly and maintenance of railway electrification systems. We have carried out projects worldwide and have covered all types of catenary (OLE) systems: high speed, conventional rail, tram, trolleybus, cogwheel railway, third rail as well as traction substations.

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OUR SERVICES

RAILWAY ELECTRIFICATION

Catenary Installation
Catenary Disassembly
e-Highway Installation
Preventive and Corrective Maintenance

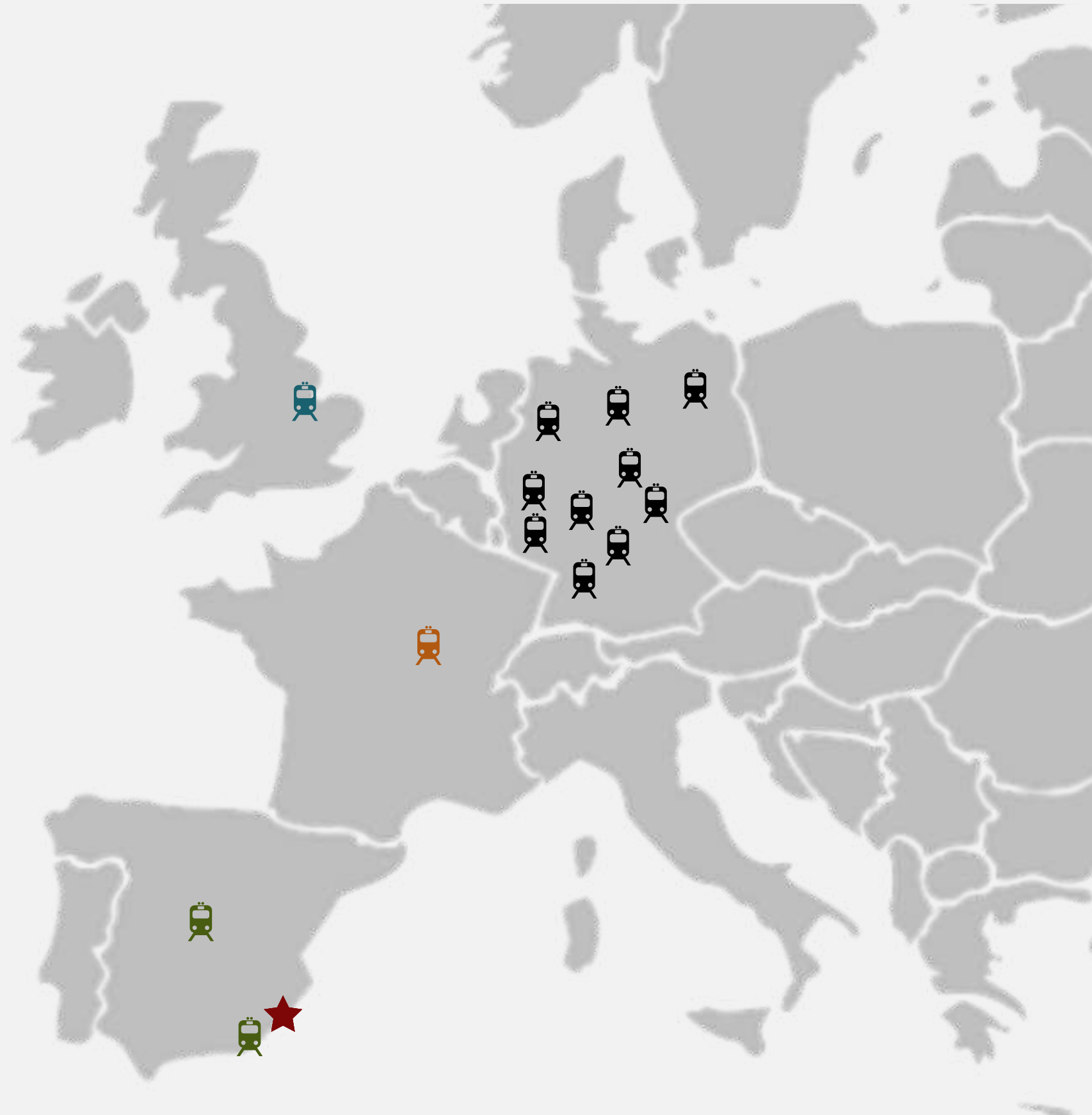
OTHER INDUSTRIAL / ELECTRIFICATION WORKS

Mechanical Installation
Electrical Instalation
Substation (Installation and Maintenance)
Energy Wire Laying

SECURITY, SIGNALLING & COMMUNICATION

ERTMS System
CBTC System
Communication Wire Laying
Remote Control

PREVIOUS PROJECTS 2013 - 2016



GERMANY

Heidelberg - SPL
Mainz - SPL
Bielefeld - SPL
Hannover - SPL
Saarbrücken - SPL
Berlín - SPL
Würzburg - SPL
Großheirath - SPL
Ulm - SPL
Heilbronn - SPL



FRANCE

Puy de Dome -
SIEMENS



SPAIN

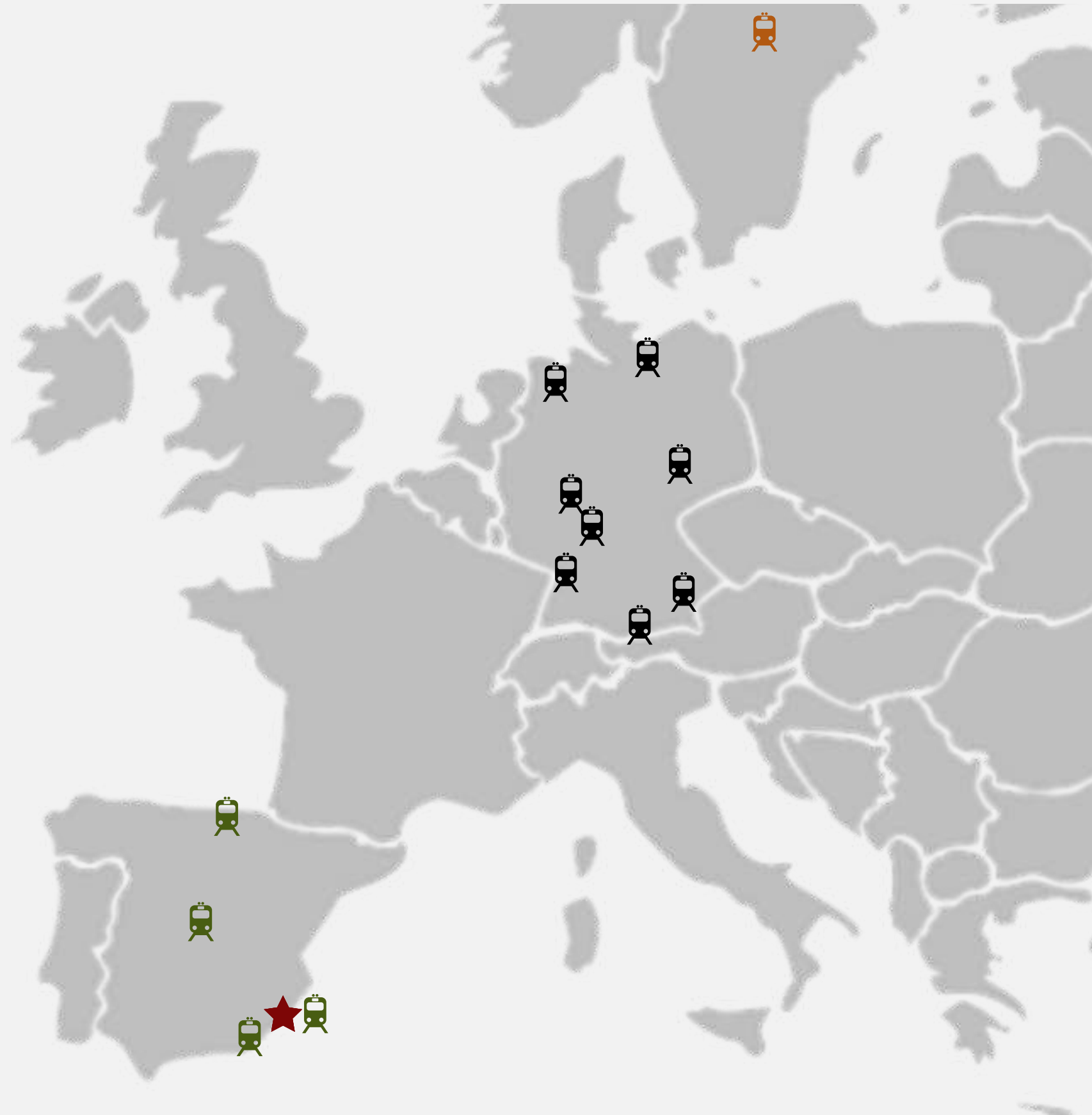
Madrid - GLOBALVÍA
Murcia - FCC-COMSA
★ Alicante - Central
Office



UK

UK - SPL

PREVIOUS PROJECTS 2017 - 2018



GERMANY

Ulm - SPITZKE
Gletendorf- SPITZKE
Lübstorf - SPITZKE
Frankfurt - SIEMENS
Colonia - COBRA
Saarlouis - COBRA
Bremerhaven - SPL
Lepzig - STRABAG



SWEDEN

Aasbro - SPL SVERIGE



SPAIN

Madrid - GLOBALVÍA
Murcia - FCC-COMSA
Alicante - FCC-FGV
★ Alicante - Central Office

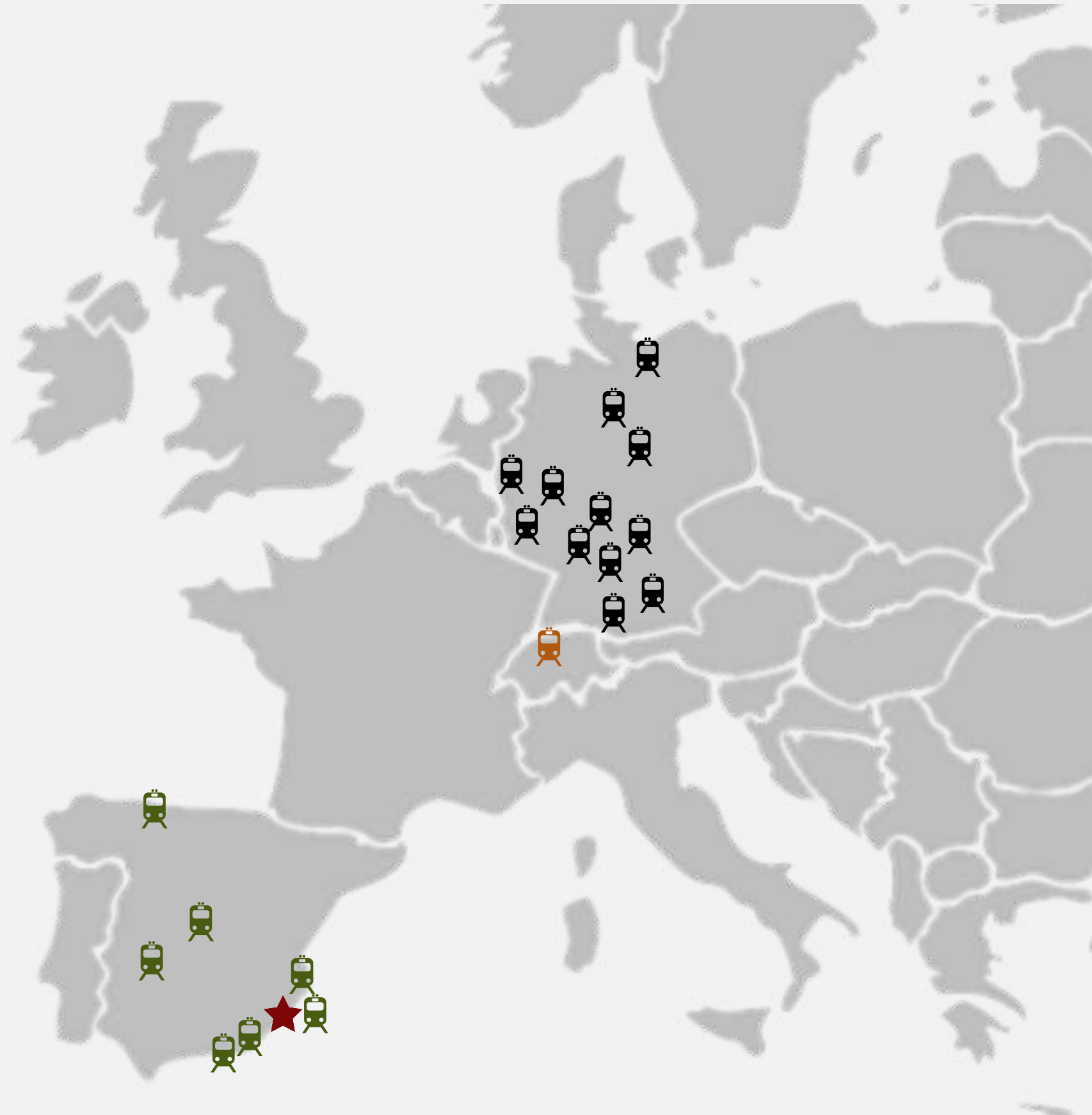


ISRAEL

Tel Aviv - SEMI-
COBRA



PREVIOUS PROJECTS 2019 - 2021



GERMANY

Dortmund - BAHNBAU
Krefeld - BAHNBAU
Eschweiler - BAHNBAU
Biblis - BAHNBAU
Rostock - BAHNBAU
Lehndorf - BAHNBAU
Hanau - BAHNBAU
Triesdorf - BAHNBAU
Mündling - BAHNBAU
Hannover - RPS
Iphofen - SPL



SPAIN

Madrid - GLOBALVÍA
Madrid - Metro Ligero Oeste
Almería - COSENTINO
Asturias - COBRA
Murcia - FCC-COMSA
Alicante - FCC-FGV
Plasencia - SEMI
Valencia - TELICE
Alicante - Central Office



SWITZERLAND

SERSA

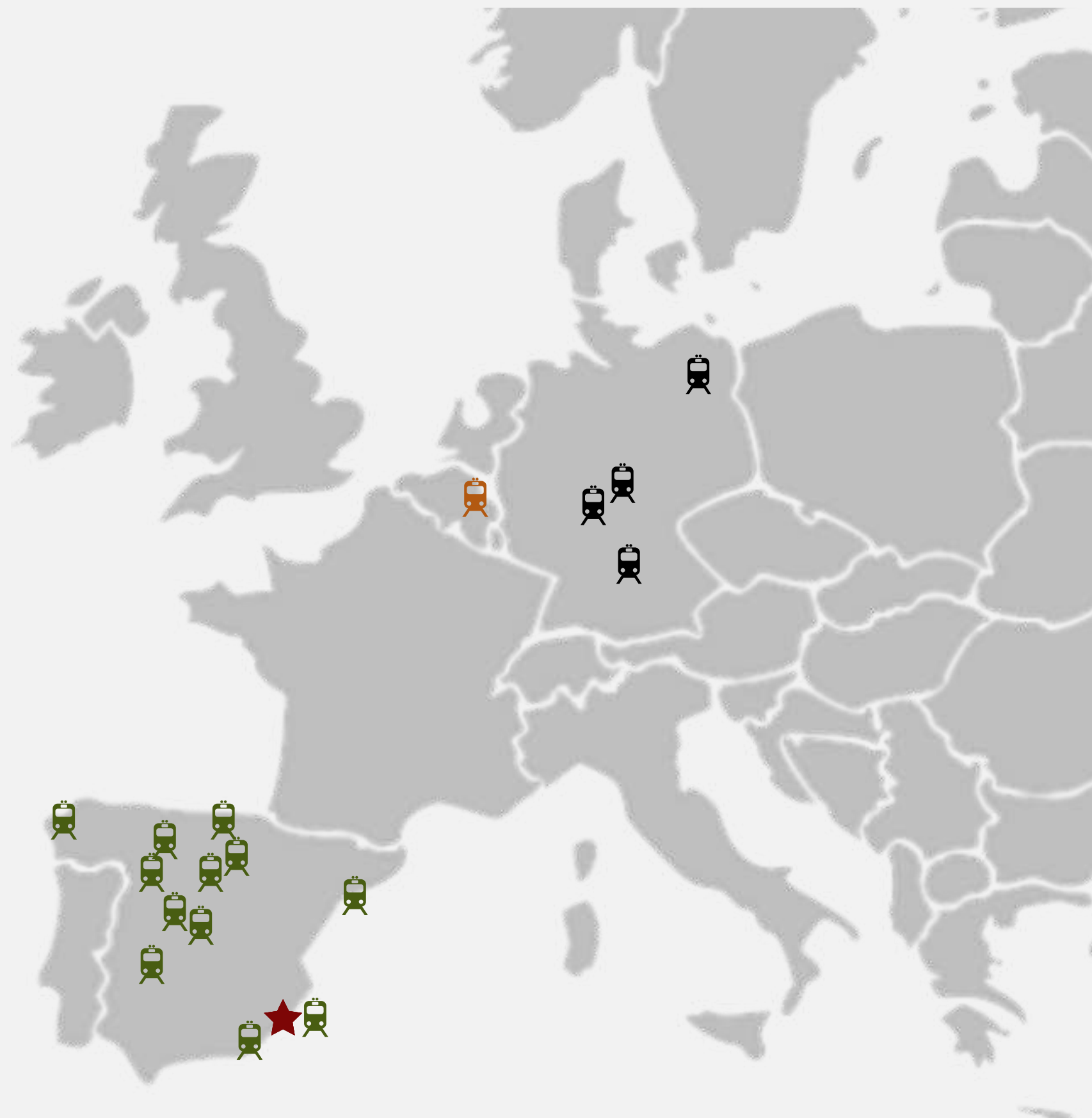


ISRAEL

Tel Aviv - SEMI-
COBRA
Tel Aviv - SIEMENS



PREVIOUS PROJECTS 2022 - 2023



GERMANY

Groß Dölln - SIEMENS
Frankfurt (e-Highway) - SIEMENS
Mündling - BAHNBAU
Fulda - SPL



BELGIUM

Liege - CAF



ISRAEL

Tel Aviv - CAF

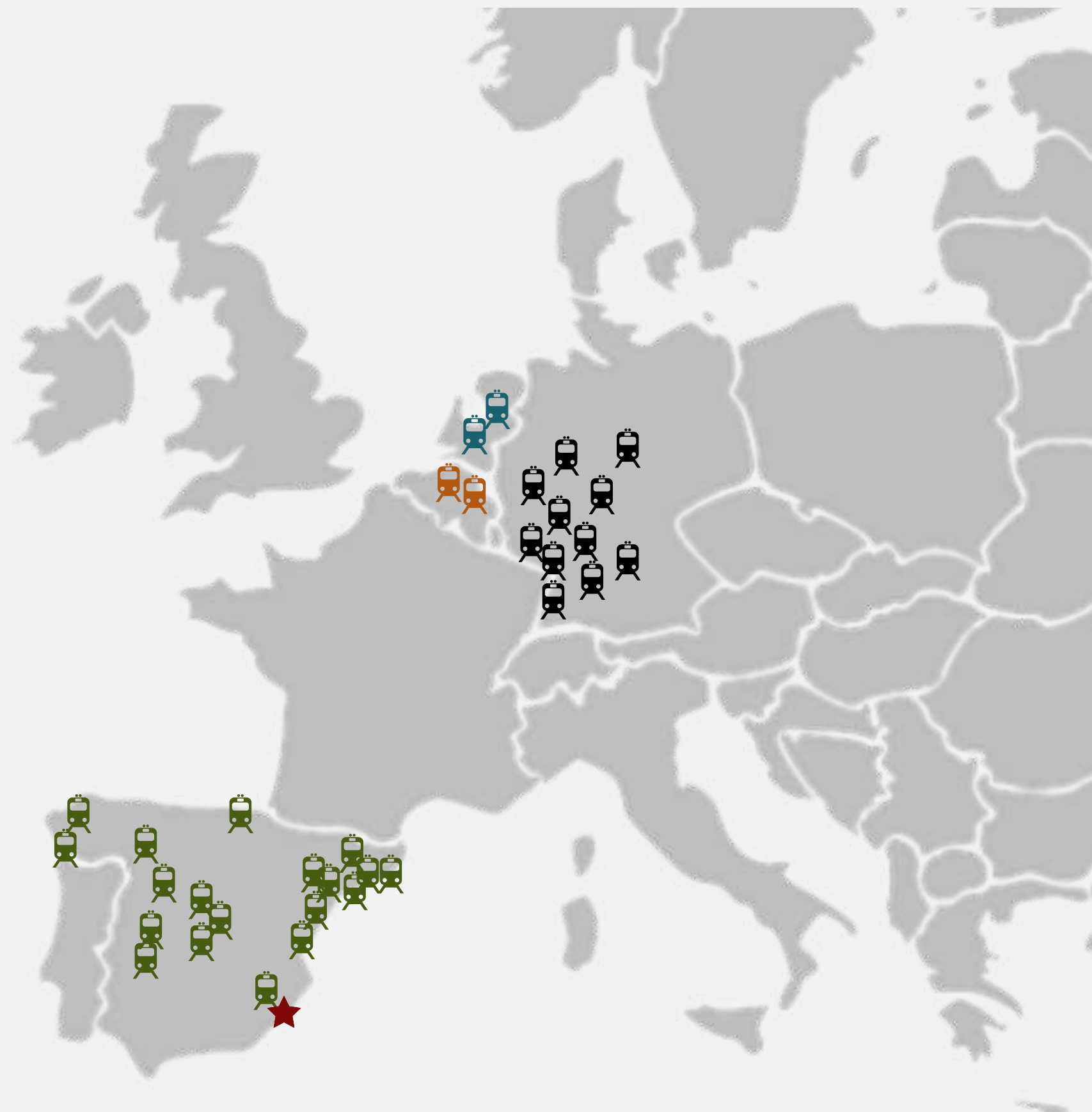


SPAIN

Madrid - GLOBALVÍA
Madrid - ARQUIMEA
Madrid - FERROVIAL
Castilla y León (7) - ARQUIMEA
Asturias (2) - ALSTOM/INDRA
Asturias - COMSA ISI/SACYR NEOPUL
Asturias - COMSA/FERROVIAL/COPASA
Ourense - COMSA/FERROVIAL/COPASA
Barcelona (2) - TELICE
Barcelona - ACCIONA
Barcelona - SACYR NEOPUL
San Sebastián - SACYR NEOPUL
San Sebastián - COMSA
Murcia - FCC-COMSA
Alicante - MOA
★ Alicante - Central Office



PREVIOUS PROJECTS 2024 - 2025



GERMANY

Frankfurt - SIEMENS
Braunschweig - RPS
Bad Vilbel - RPS
Leverkusen - SPKE
Bensheim - DB
Hofheim Bürsstadt - DB
Dortmund - DB
Stuttgart - EQOS, RPS
Müllheim - RPS
Rastatt - RPS
Colonia - THA



BELGIUM

Liege - CAF
Bruselas - EQOS



SPAIN

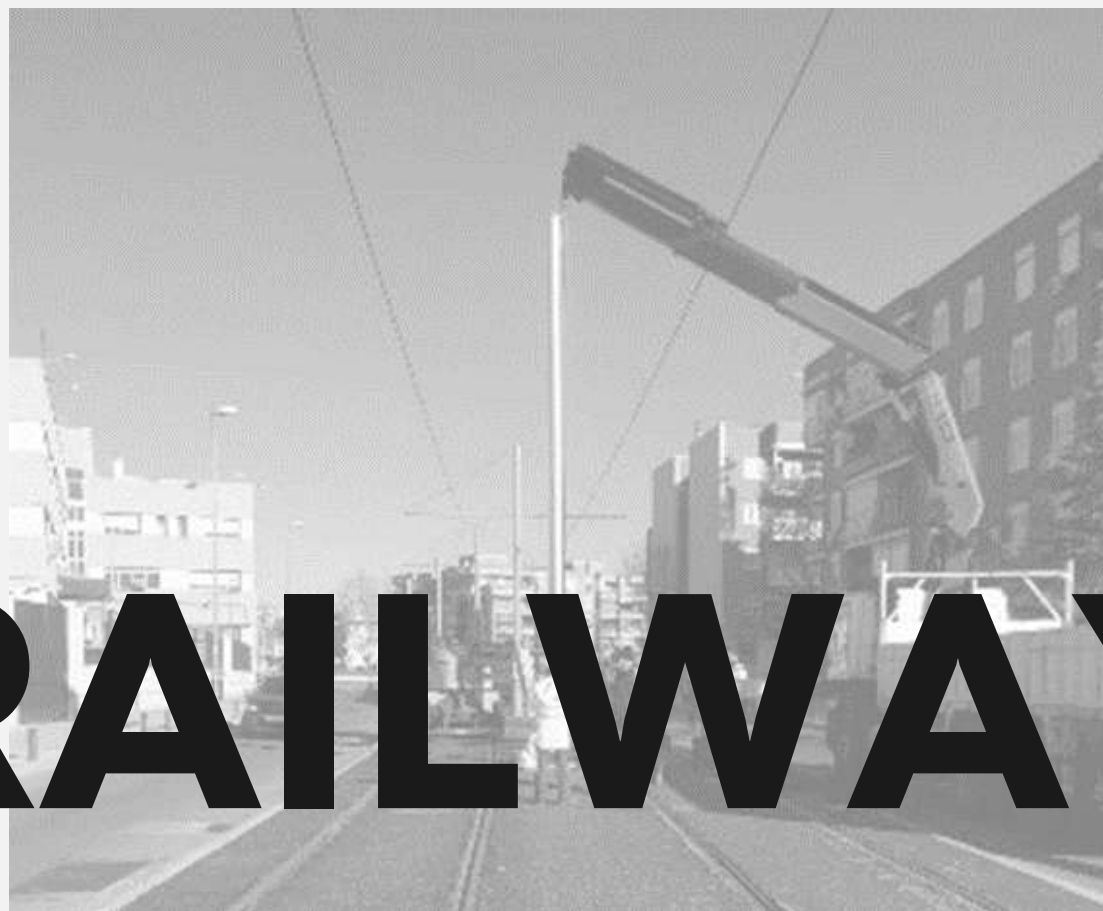
Parla - TDP
Madrid - ARQUIMEA
Atotxa - COM
Murcia - UTD
Barcelona - ARQUIMEA
Barcelona - TLCE
Sant Feliu de Llobregat - ACC
La Llagosta - SANE
Valladolid - ARQUIMEA
Pajares - UTP
Las Portas - ELECT
Almussafes - ELECT
Valverde - ELECT
Cáceres - SCR
Figueres - Portbou - SCR
Vinaroz - SYNE
Lugo - SYNE
Extremadura - SYNE
Montcada - TECSA
Alicante - Central Office



NETHERLANDS

Delf - Rotterdam - STRK
Amersfoort - SWTL





RAILWAY ELECTRIFICATION



PROJECTS

CATENARY DISASSEMBLY

La Llagosta Logistic Platform

Catenary disassembly and its elements

DEC22 - FEB23





CATENARY MAINTENANCE

Tunnel Infrastructure Cleaning

Fulda - Würzburg

AGO22 - OCT22



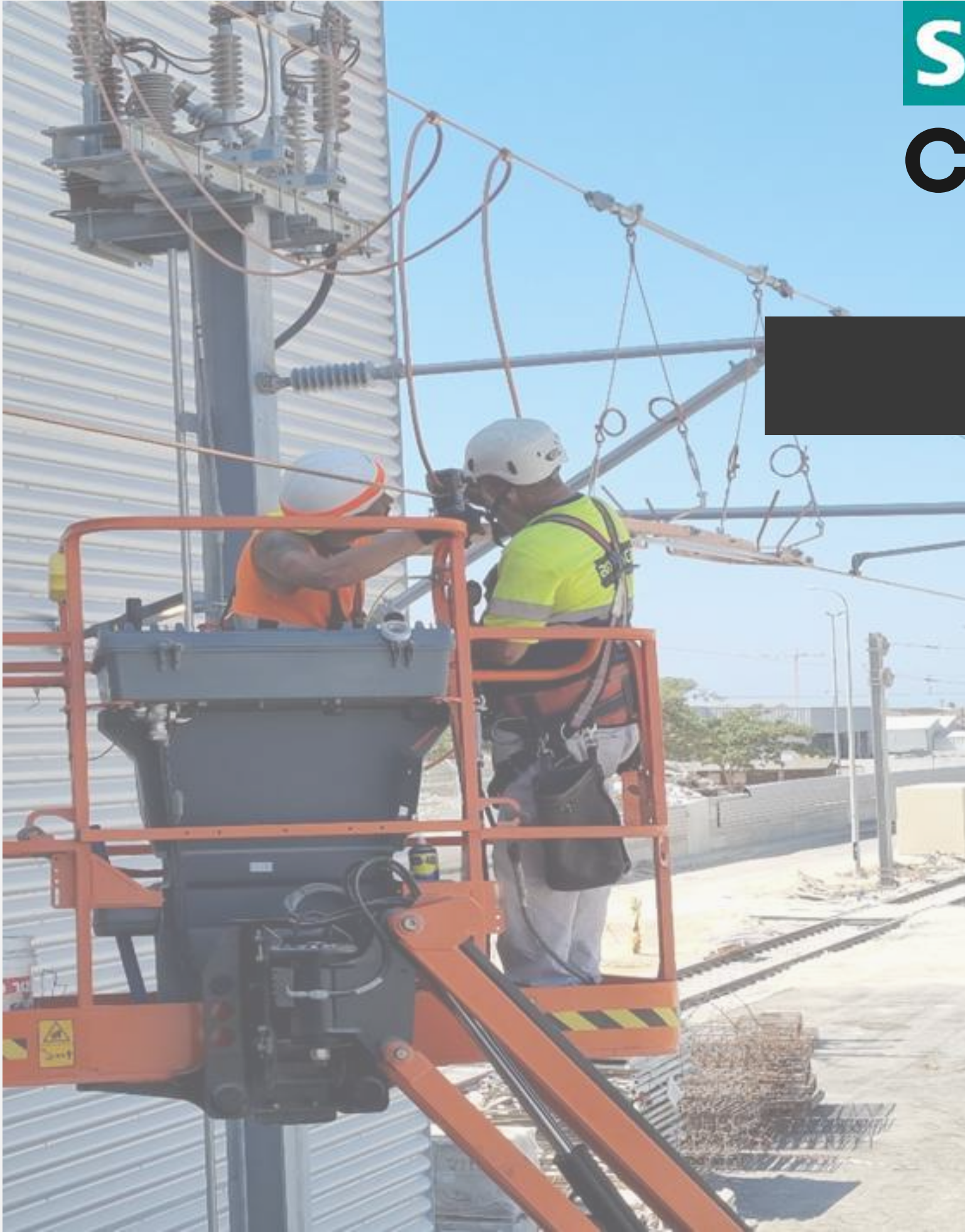
CATENARY MAINTENANCE

Renovation & Maintenance – SERSA Technik AG - CH.

Renovation & Maintenance of catenary and Infrastructure at various local train companies

AUG21 – NOV21





SIEMENS

CATENARY INSTALLATION

Ashkelon - Israel



Catenary for Railway Depot. New Installation.

JAN21 – DEC21



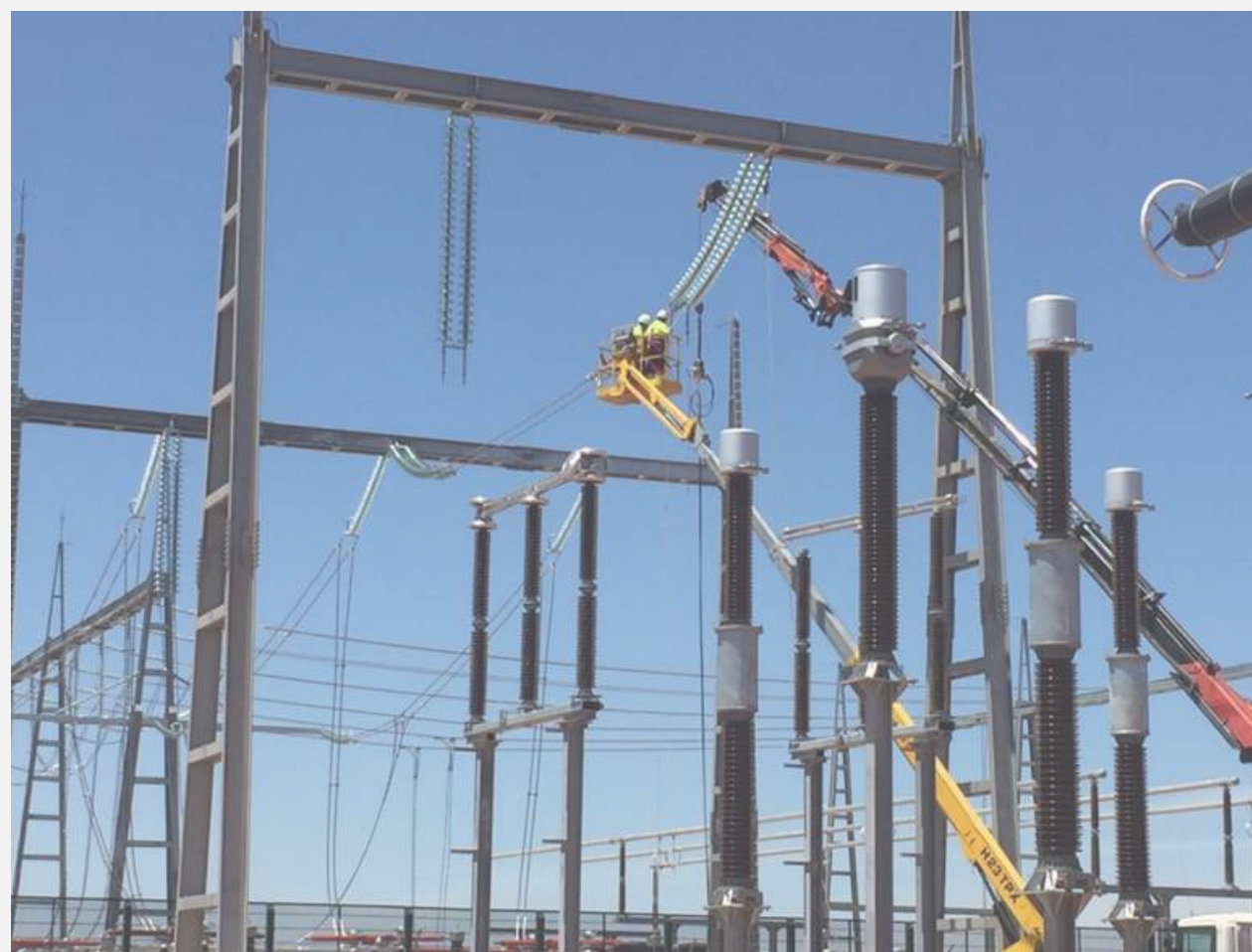
The logo for SEM cobra, with 'SEM' in green and 'cobra' in blue.

TRANSFORMATION CENTERS

ELECTRO-MECHANICAL installation & maintenance
of SUBSTATIONS & AUTO-TRANSFORMATION CENTERS

High-Speed-Train / Madrid - Extremadura

JAN21 – OCT21



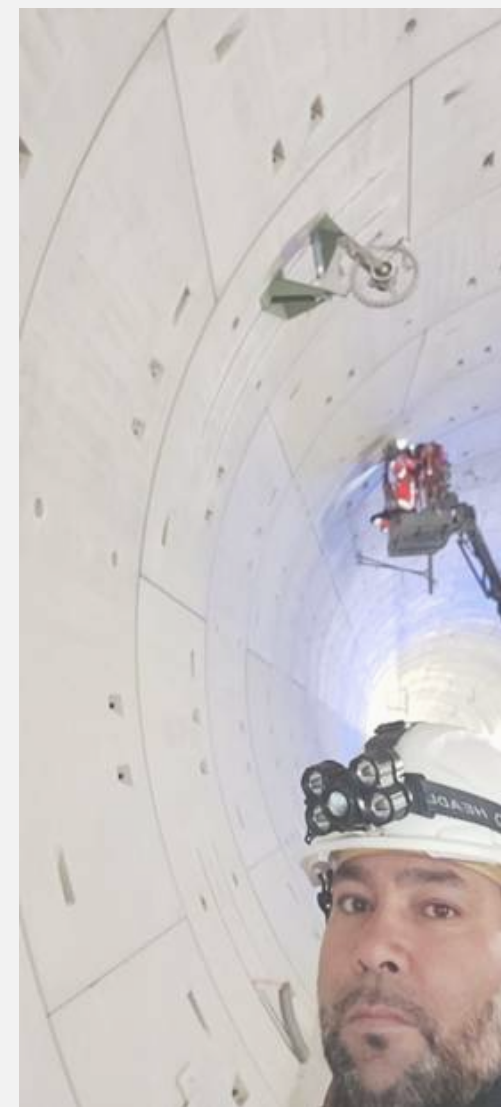


INFRASTRUCTURE & POWER SUPPLY

Nbs Ulm-Wendlingen

Prepare new tunnel for catenary & connect to existing line.

MAR20 – DEC20



STRABAG

CATENARY INSTALLATION

Electrification of Catenary - Leipzig

Electrification of Catenary at MainStation Leipzig (Germany) and other areas
>50 km Re100 OCS

JUL18 – DEC18





CATENARY REHABILITATION

ROSTOCK

MAR19

LEHNDORF

JUL19

BIBLIS

MAY19

KREFELD

JUL19

HANAU

JUL19

TRIESDORF

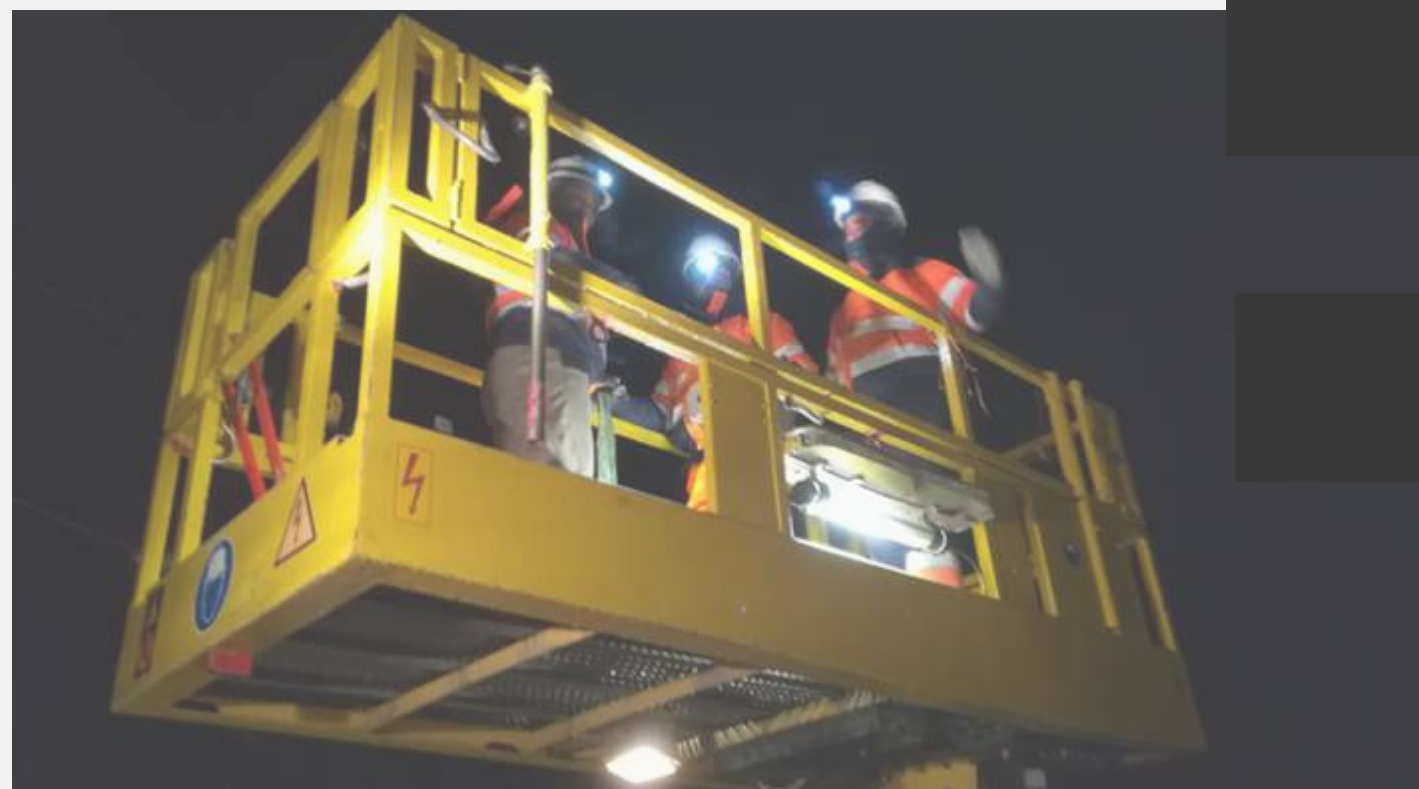
SEP19

ESCHWEILER

SEP19 - APR20

LEHNDORF

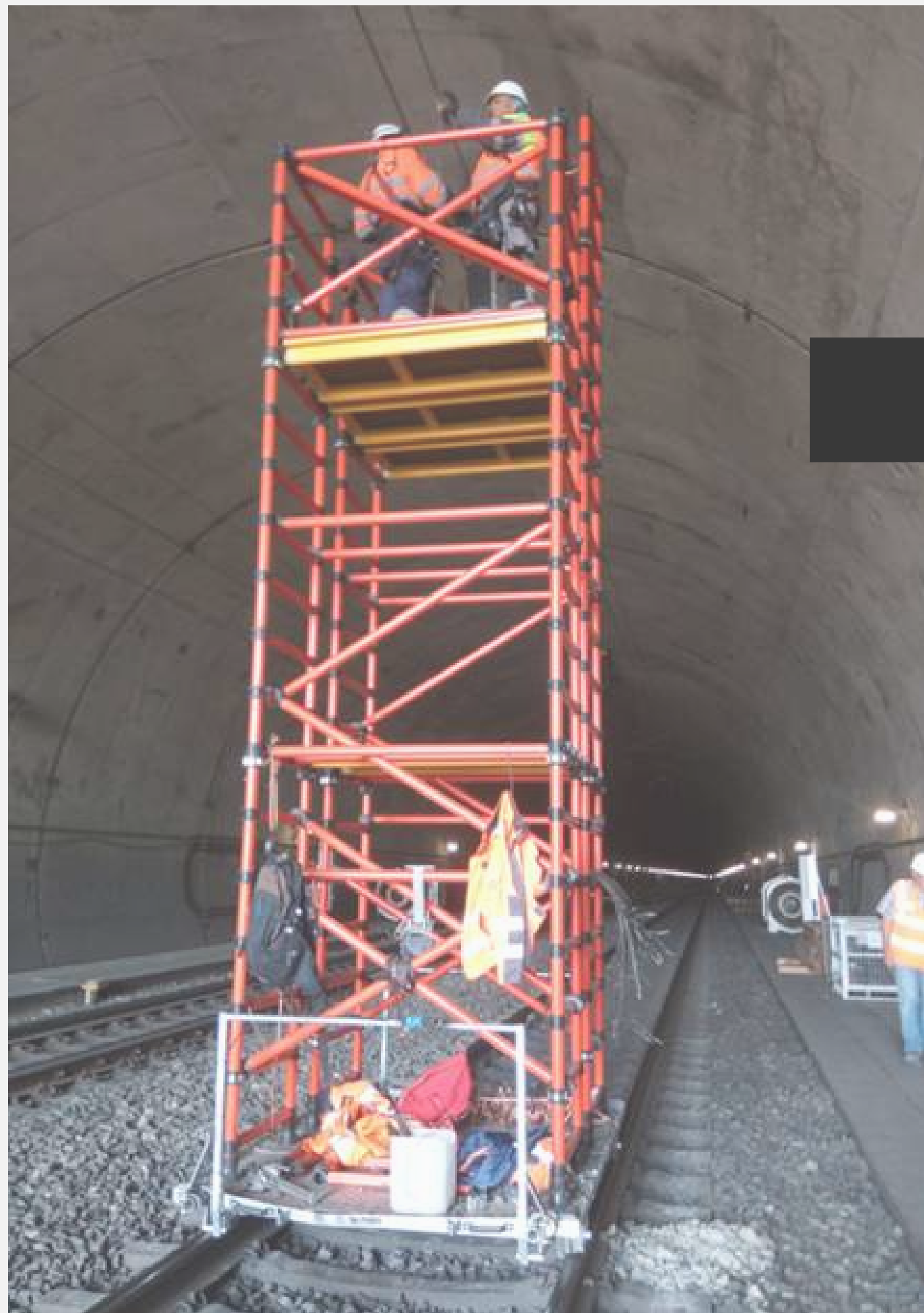
JAN20 & JAN21





CATENARY REHABILITATION

Catenary Rehabilitation - Hannover-Göttingen



Renovation of catenary.

JUN19 – DEC19

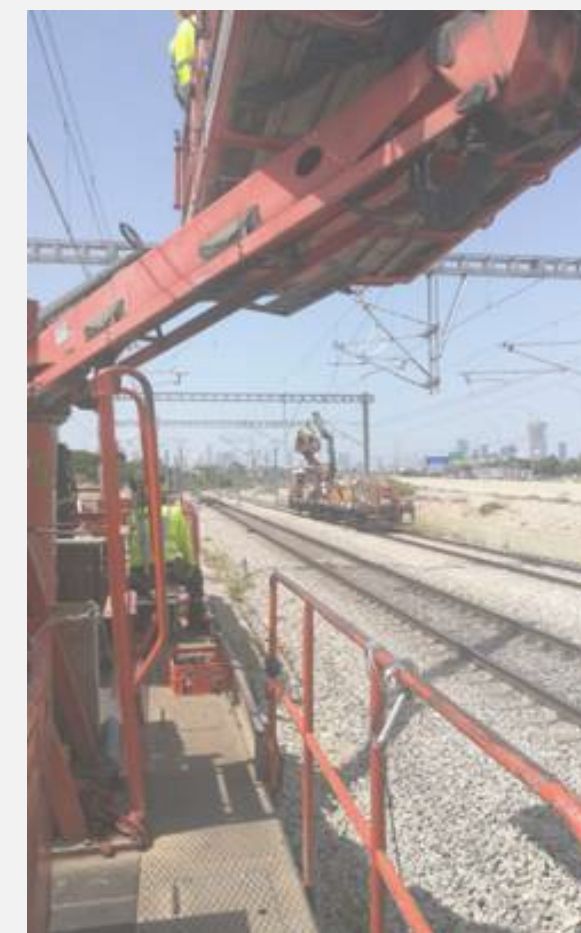
CATENARY REGULATION

Regulation of Catenary - Israel

Regulation of overhead line across the Israeli Railway Network

1080 km OCS

JUL18 – APR21



RENEWAL OF CATENARY

Schwerin

Renewal of catenary between Schwerin & Wismar (DE)
>20 km Re100 OCS
MAY18 – AUG18

Südbahn (Ulm)

Complete new installation of Re200 catenary.
>20 km Re200 OCS
OCT18 – DEC18

Oranienburg

Regulation and adjustment of catenary .
>5 km Re100 OCS
SEP18





GLOBALVIA

Matinsa



ai

MAINTENANCE OF CATENARY

Maintenance of electrification for the tram lines of Parla (Madrid), Murcia and Alicante



3 RAILWAY SUBSTATIONS
>120 km OCS
MAR15 – CURRENTLY



RENEWAL OF CATENARY

Bremerhaven - Imsumer Deich Extension

Bremen Harbour Imsumer Deich extension at Bremerhaven.

12 km Re100

APR17 – NOV17

Stenkumla - Dunsjö

Extension of one track of the High Speed line for Trafikverket.

>2 km HS OCS

JUN16 – OCT16

Mainz - Tram Extension

>11 km OCS

FEB16 – DEC16

Midland Mainline - UK

2 km Third Rail

MAR15 – SEP15





E-HIGHWAY



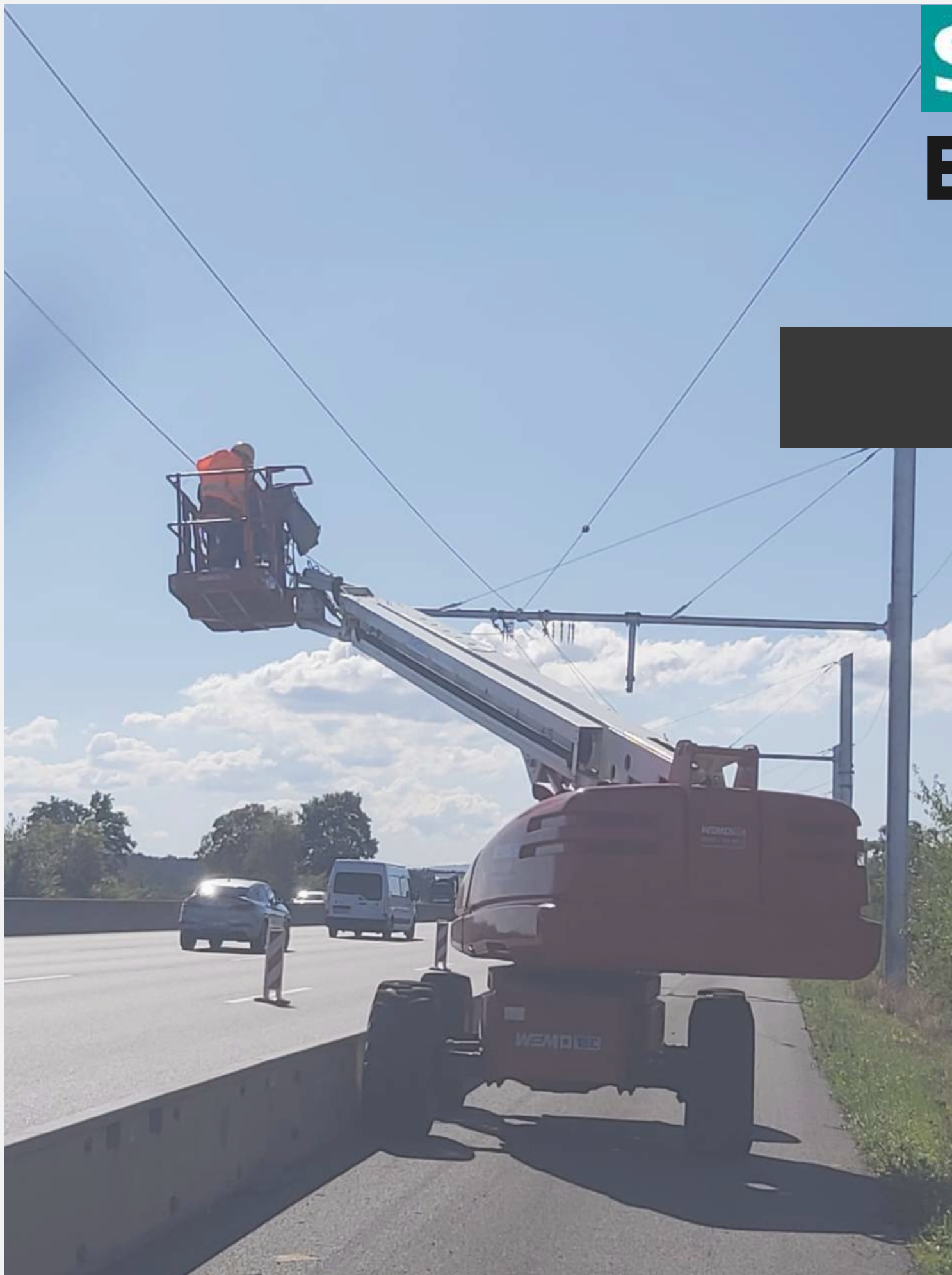
SIEMENS

E - HIGHWAY

ELISA III Frankfurt e-Highway

Installation of complete infrastructure & catenary for electric trucks.

JUL22 – CURRENTLY



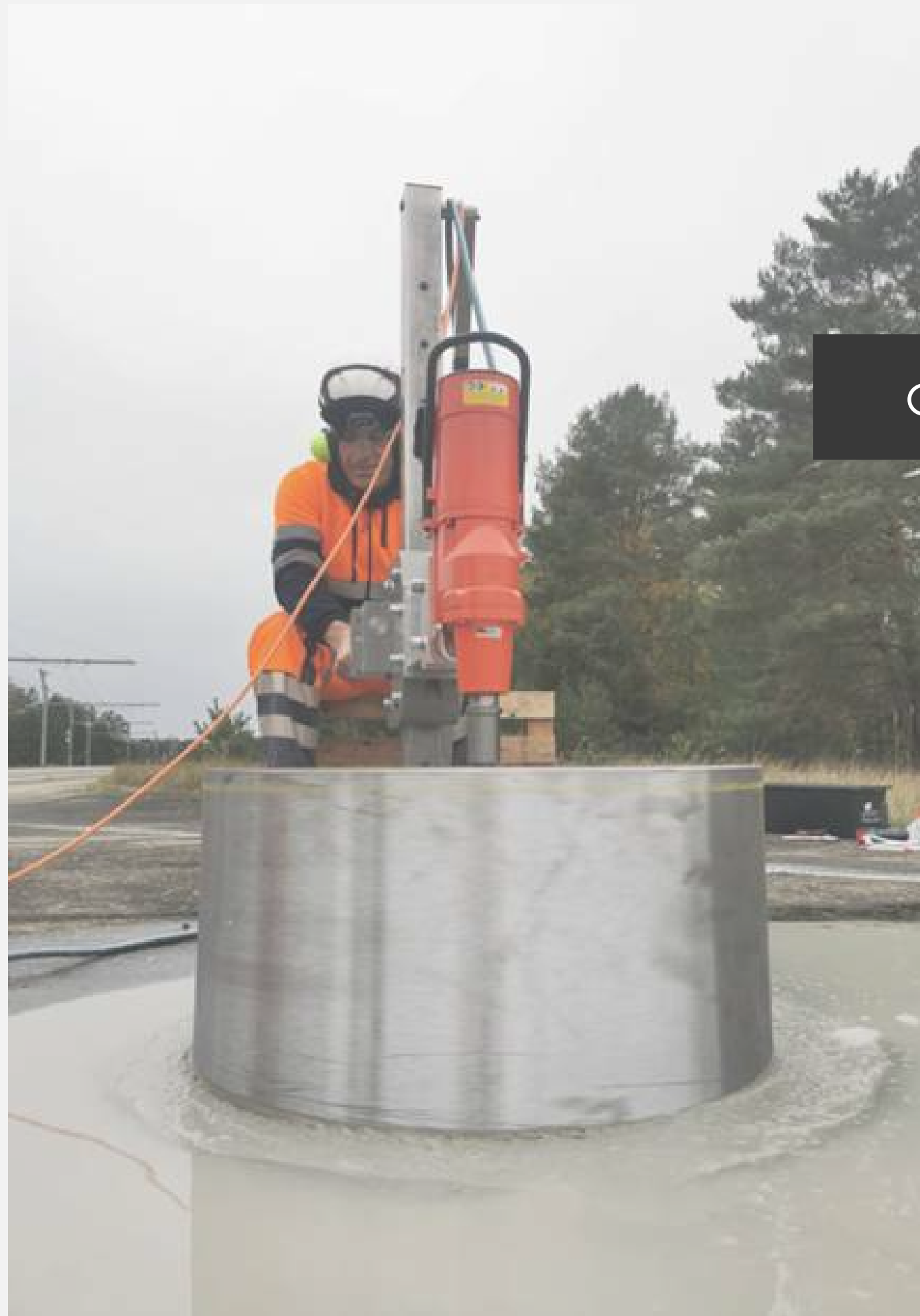
SIEMENS

E - HIGHWAY

OHL & Infrastructure eHIGHWAY - SIEMENS Test center

Installation of complete infrastructure & catenary for electric trucks (Testcenter).

OCT20 – MAR21



POWERLINES GROUP

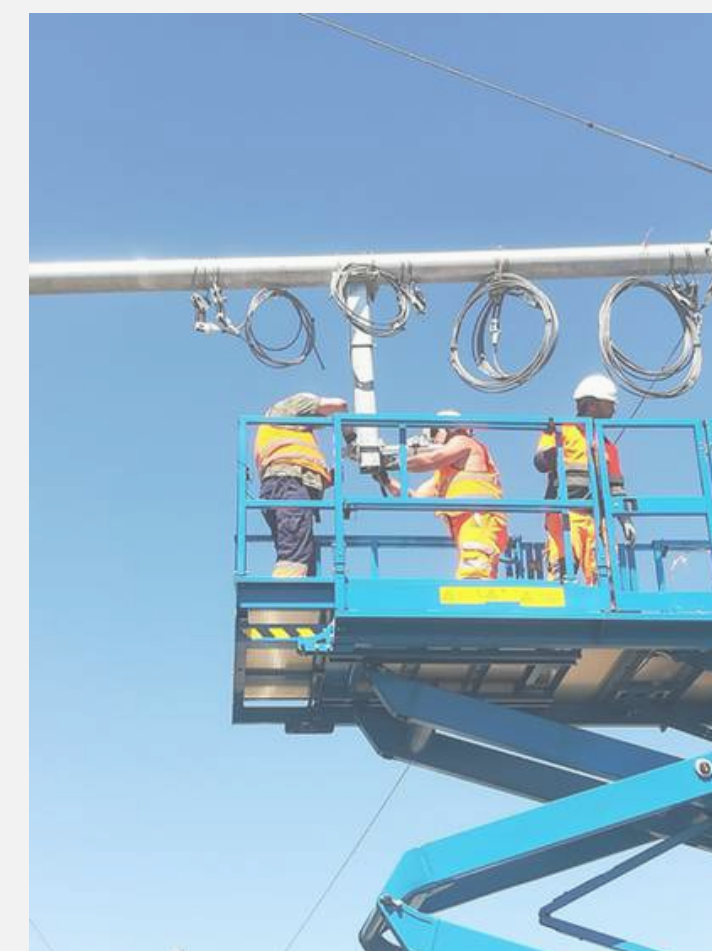
E - HIGHWAY

OHL eHIGHWAY – BW Rastatt (B462)

Complete Installation of OHL for Highway-Project in BW (Rastatt)

2x5km

AGO20 – NOV20



SIEMENS

E - HIGHWAY

OHL e-HIGHWAY Darmstadt - Frankfurt

Installation of Catenary for electric trucks (Testrange) on Highway A5 near Frankfurt.

>10 km

OCT18 – DEC18





RIGID CATENARY

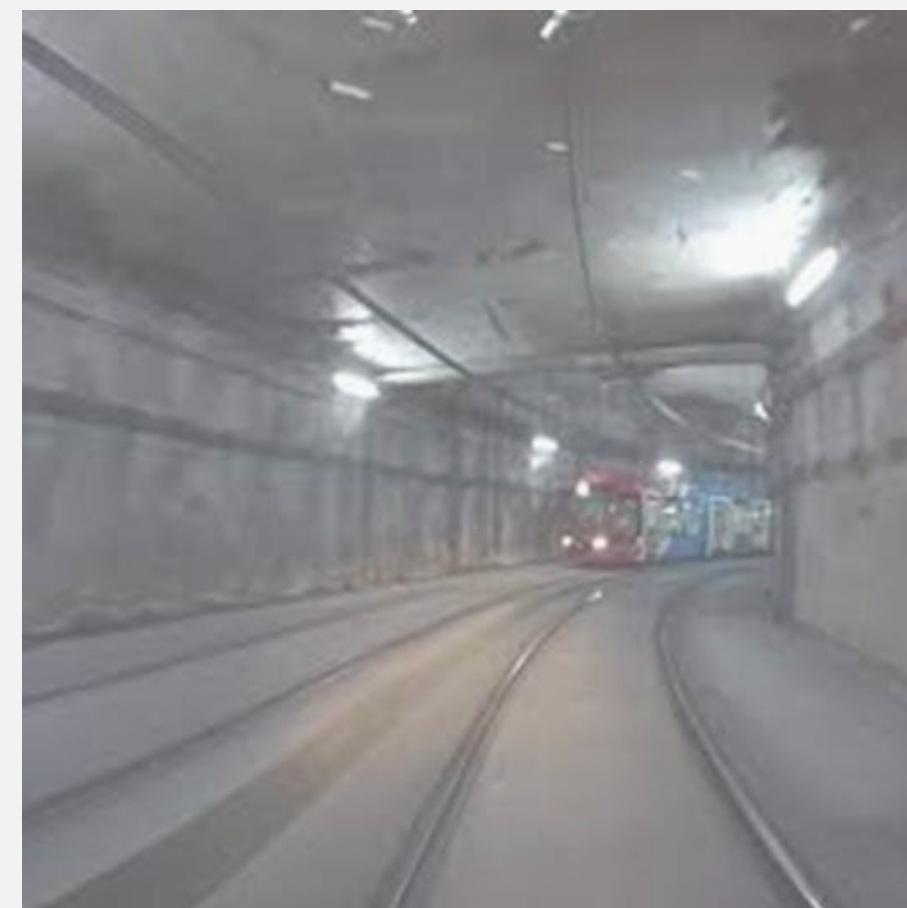


PROJECTS

metroligero
oeste
RIGID CATENARY

Repair and Exchange Ordinary Catenary to Rigid – Madrid

Installation of Rigid Catenary.
JAN21





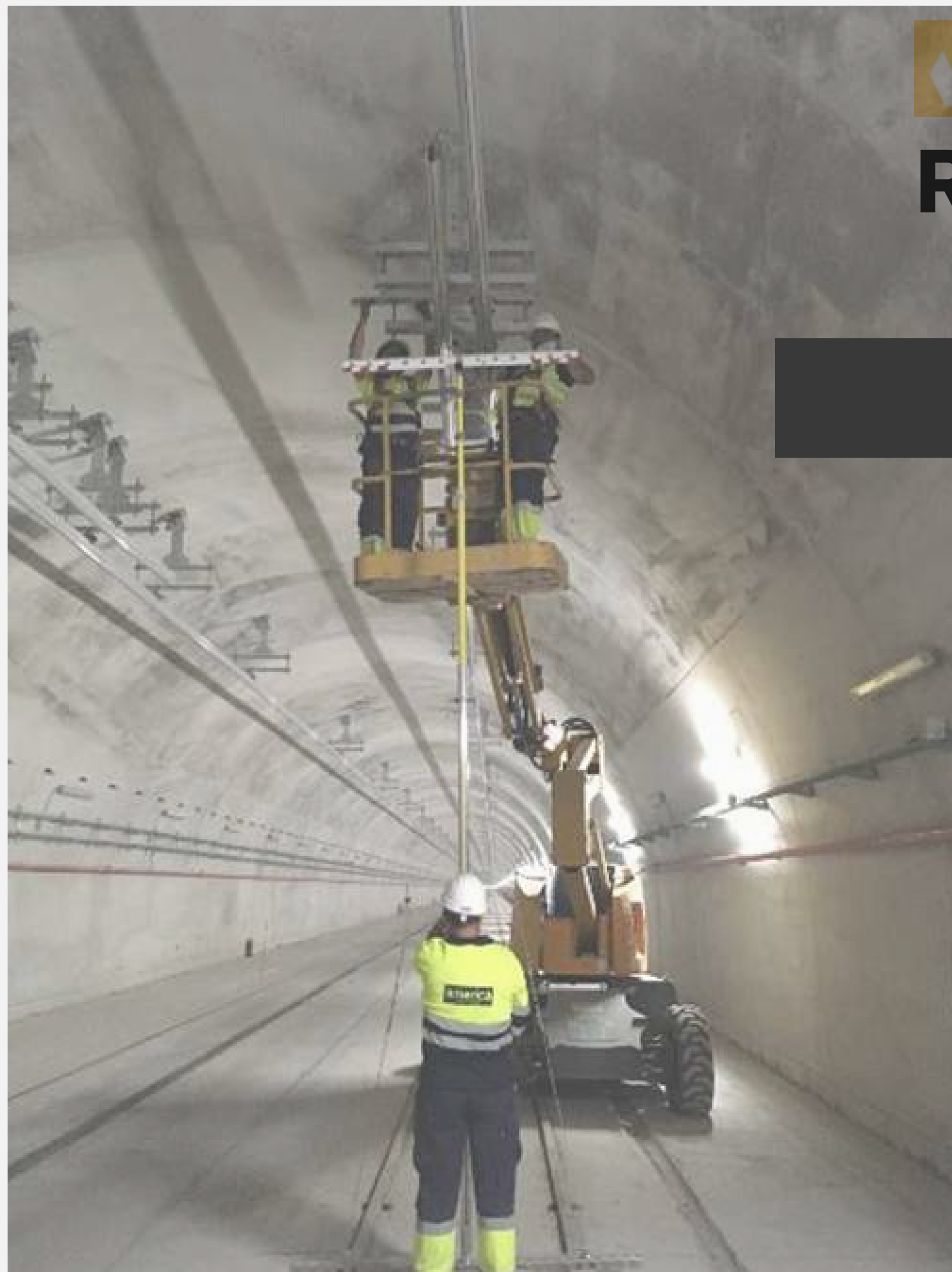
FGV



RIGID CATENARY

Finca ADOC - Tunnel FGV - ALICANTE

4 Km Installation of Rigid Catenary, plus 1 km of Tram and Railway Catenary
JAN18 – MAR19





RIGID CATENARY

Interchange Train Station - Palma

**7 km Installation of Rigid Catenary.
AUG 2010 – FEB 2011**

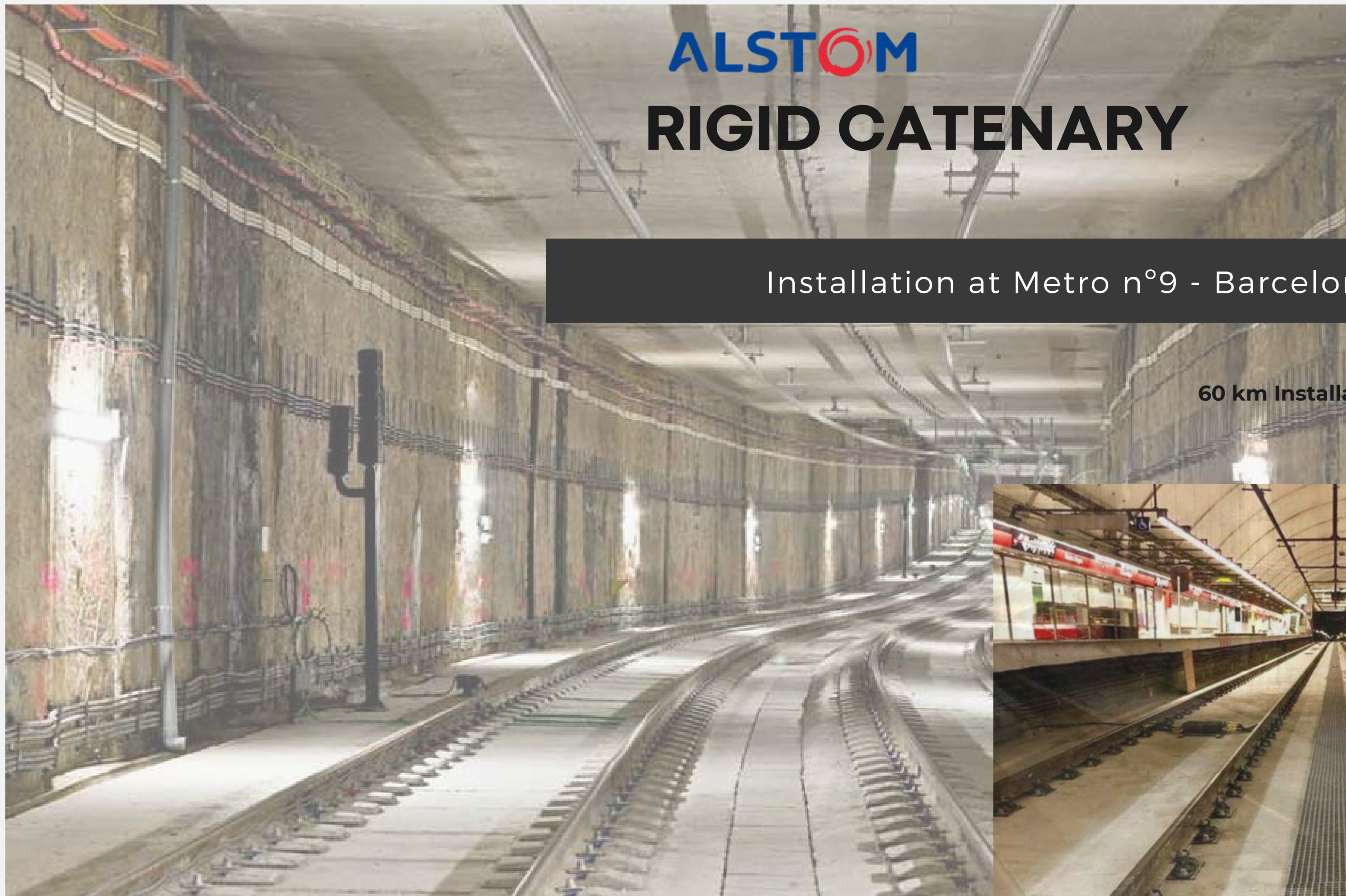




ALSTOM RIGID CATENARY

Installation at Metro n°9 - Barcelona

60 km Installation of Rigid Catenary.
MAY08 – MAR09



SIEMENS RIGID CATENARY

Installation at Metro – Santo Domingo (Rep. Dom.)

30 km Installation of Rigid Catenary.
NOV07 – AUG08





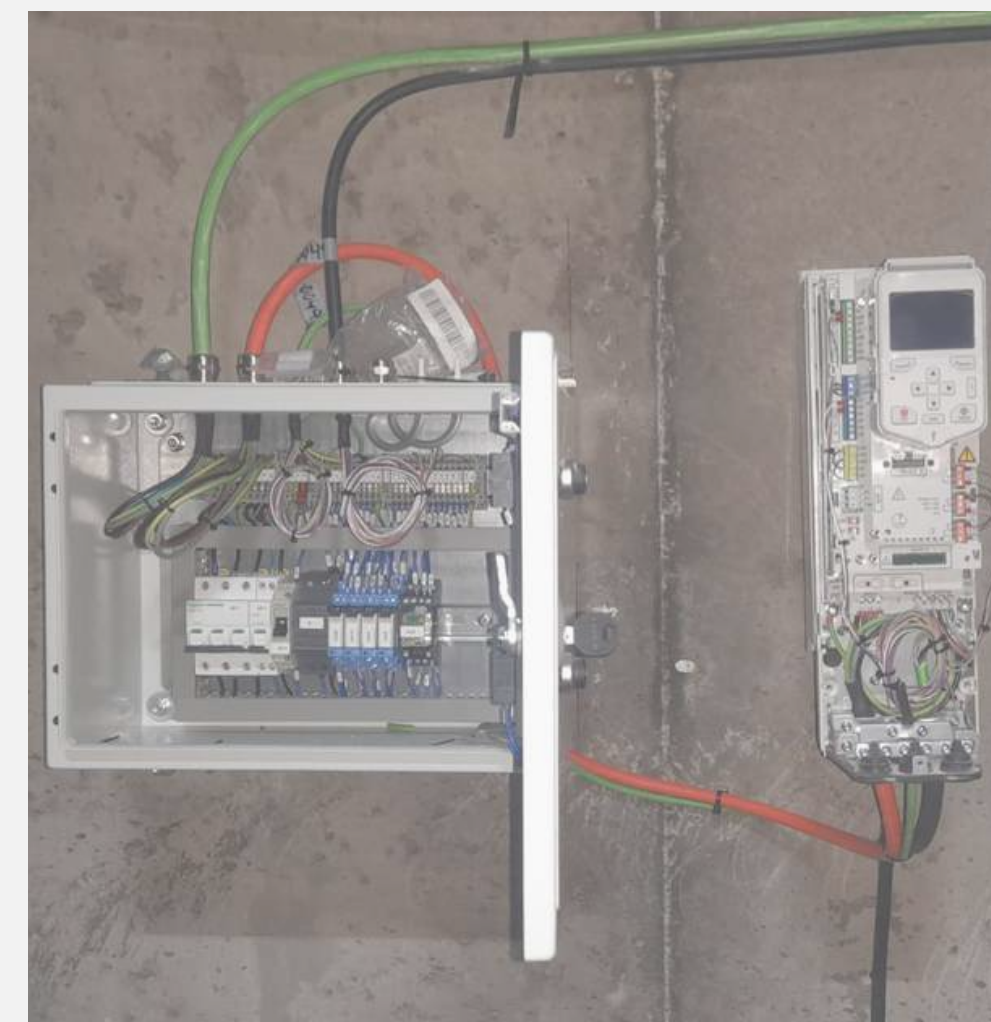
SIGNALLING



SECURITY AND COMMUNICATION

Pajares Tunnel - Communication and Energy Cable Laying

JAN22 – CURRENTLY





SECURITY AND COMMUNICATION

Liege Tram - Cable Laying, Connections and PICO Test



MAR22 – FEB23

telice
TECHNOLOGY IN THE FIELD

CABLE LAYING

Cable Laying - Commuter Train R4

MAR22 – JAN23



SIGNALLING

Parla and Murcia Tram (Spain)
Ashkelon and Jerusalem (Israel)



OUR INTERNATIONAL CLIENTS





america

INSTALACIONES

THANK YOU FOR YOUR INTEREST

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