



“From Decommissioning to Transition Generation”: evoluzione ingegneristica e innovazione tecnologica nella logistica delle movimentazioni di manufatti di grandi dimensioni.

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Ing. Nicola Parente – Project Manager

Fagioli

A

Introduction

B

Decommissioning

C

Transition Generation (Power)



Fagioli is a global leader with a market leading reputation

Geographical Coverage

Over 560 highly-skilled employees worldwide



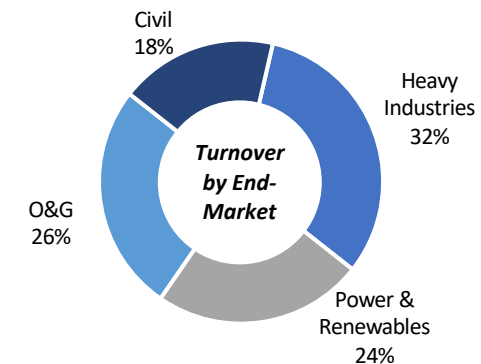
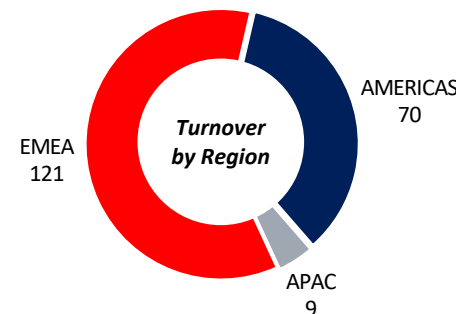
Selected Clients



Turnover Breakdown - 2023

Revenues are distributed across key regions worldwide, reflecting our established presence and global support.

Diversified end-markets, with growing exposure to attractive LNG, Power & Renewables



Fagioli

A

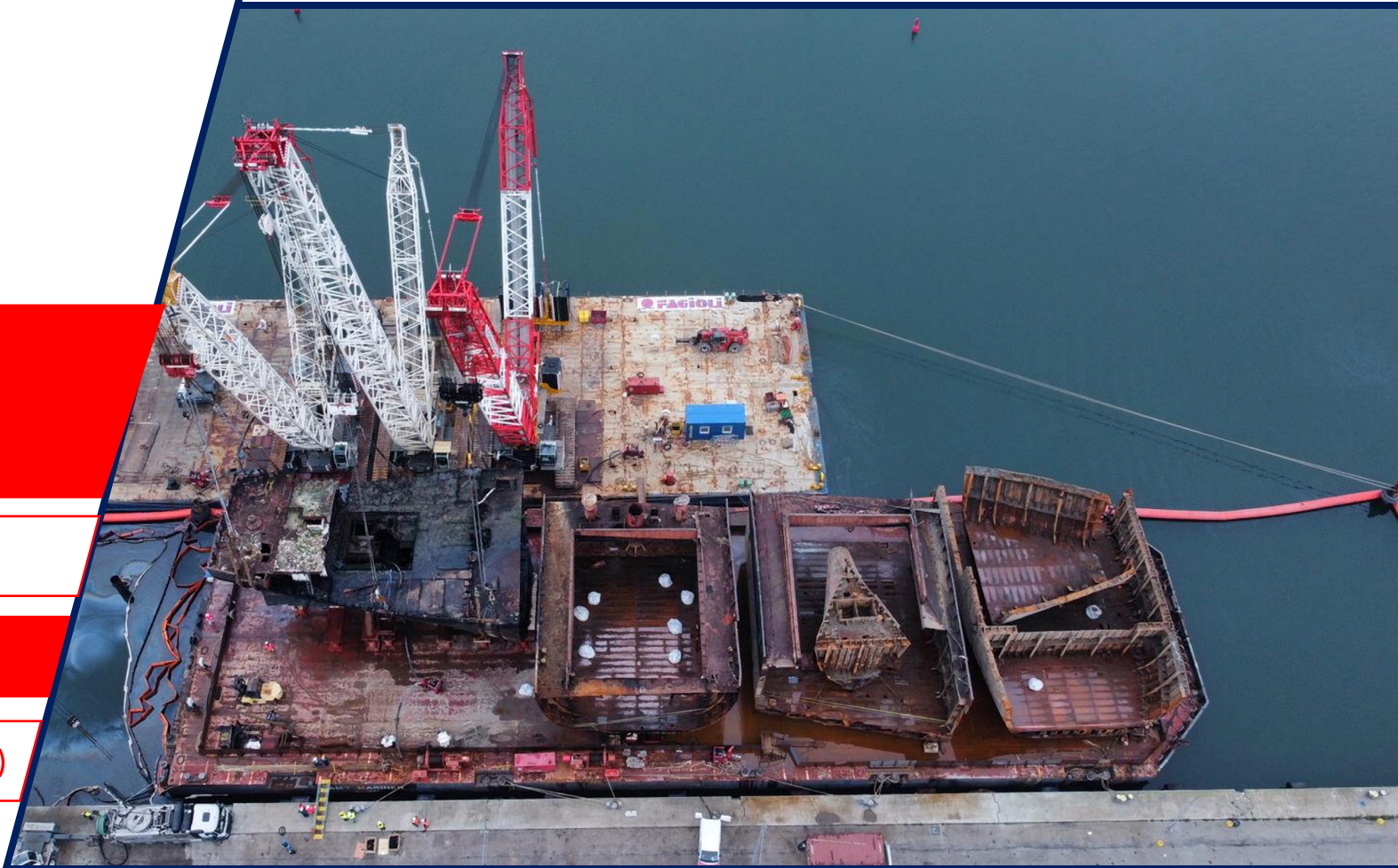
Introduction

B

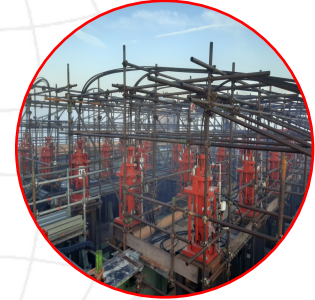
Decommissioning

C

Transition Generation (Power)



Main Steps for The Decommissioning Activity



1. Pre-planning Aspects (On The Base Of The Item Conditions)

2. In-house Engineering Studies

3. Time And Motion (Plan) Studies (Concordia Wreck Project)

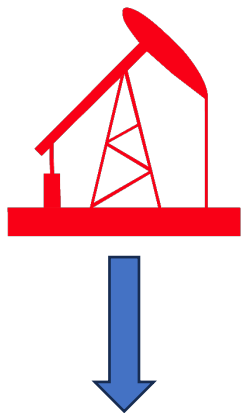
4. Safety Related Matters / Quality

5. Dedicated State-of-the-art Equipment / Built Ad Hoc

6. Worldwide Experience In Transportation And Lifting



OIL & GAS



Offshore Platforms Decommissioning

17,000 ton



- Offshore platforms
 - Jackets
- Column Vessels / Reactors

Push- Pull System

Strand Jacks for mooring

Up to 17,000 ton Heavy



POWER & RENEW.



Replacement Of a Generator From Genoa to Sannazzaro

250 ton



- Boilers - Generators
- Steam generators

H/L Ship

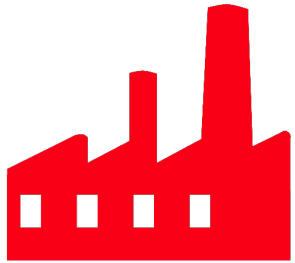
Barge

Modular Trailers

SPMTs

Gantry Lifting System

HEAVY INDUSTRY



- Blast Furnaces
- Ships Sections

BAOSTEEL

2,500 ton



Elevator System

Skidding System

SPMTs

BERKAN B Wreck

Up to 800 ton



5 Sections

Barges

Crawler Cranes

Tugboats

Fagioli

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Decommissioning

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Transition Generation (Power)



1 Nuclear Industry



2 Boilers and Power Components



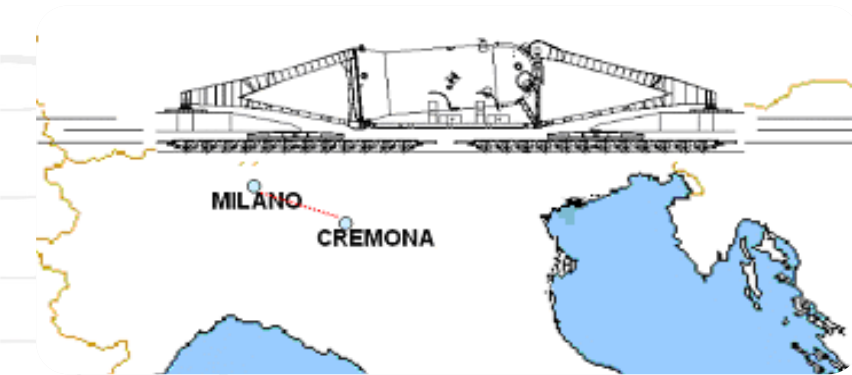
3 Wind Offshore Farm / Solar Plant



Transport of N.o 6 Steam Generators from Italy to Arizona (USA)

1 ITALY: MILAN - CREMONA

- STEAM GENERATOR WEIGHT IN MILAN 550TON
- 100 METER CONVOY
- 4 NIGHTS TRANSPORT UP TO CREMONA RIVER PORT
- CONFIGURATION CHANGE WITH SPMT
- LOAD OUT ONTO FAGIOLI BARGE HEADED TO VENICE



Transport of N.o 6 Steam Generators from Italy to Arizona (USA)

2 ITALY : VENICE

- ST. GENERATORS UNLOADED BY H/L SHIP FROM BARGE ONTO THE QUAY
- GENERATORS' SECTIONS ASSEMBLED UP TP 650 TON
- LOADED ONTO DEDICATED H/L SHIP WITH DESTINATION CORTEZ GULF IN MEXICO



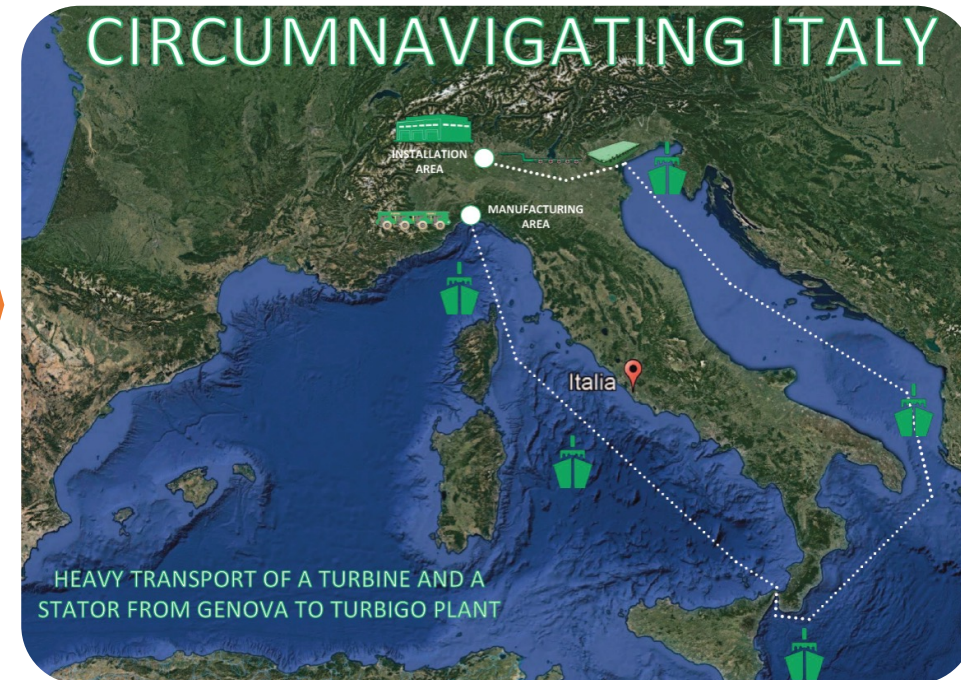
MEXICO TO USA

- BUILT A DEDICATED QUAY FOR THE UNLOADING
- NATIONAL ORGAN PIPE PASSED WITH WOOD ON THE GROUND
- 160 MILES PASSING UNDER A BRIDGE (GROUND LEVELLED)
- 8 MONTHS JOURNEY



Transport of a Gas Turbine and a Stator from Genoa to Turbigo

- TRANSPORT FROM MANUFACTURING AREA TO THE PORT OF GENOA
- LOAD ONTO A H/L VESSEL – FROM GENOA TO VENICE
- TRANSSHIPPMENT ONTO FAGIOLI BARGE HEADED TO CREMONA
- LOADED ONTO 2X16 AX/LS MODULAR TRAILER (85 M LONG CONVOY)
- ONCE AT TURBIGO: TRANSS. ONTO 20 AX /LS SPMT
- GANTRY LIFTING SYSTEM FOR THE FINAL POSITIONING



Turbine
334 Ton

Stator
300 ton



CALVADOS OFFSHORE WIND FARM PROJECT





Thanks!

The WorldOur Passion