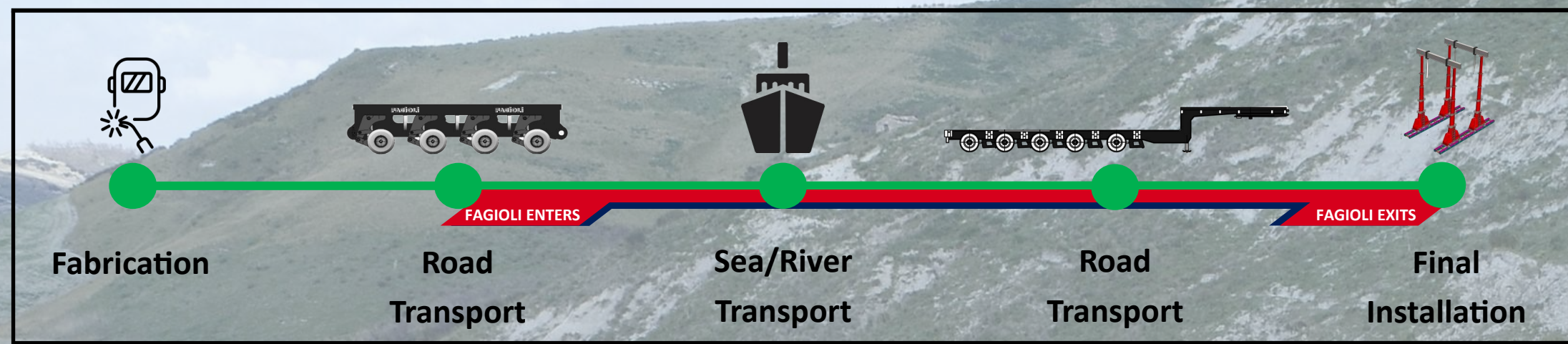




POWER INDUSTRY

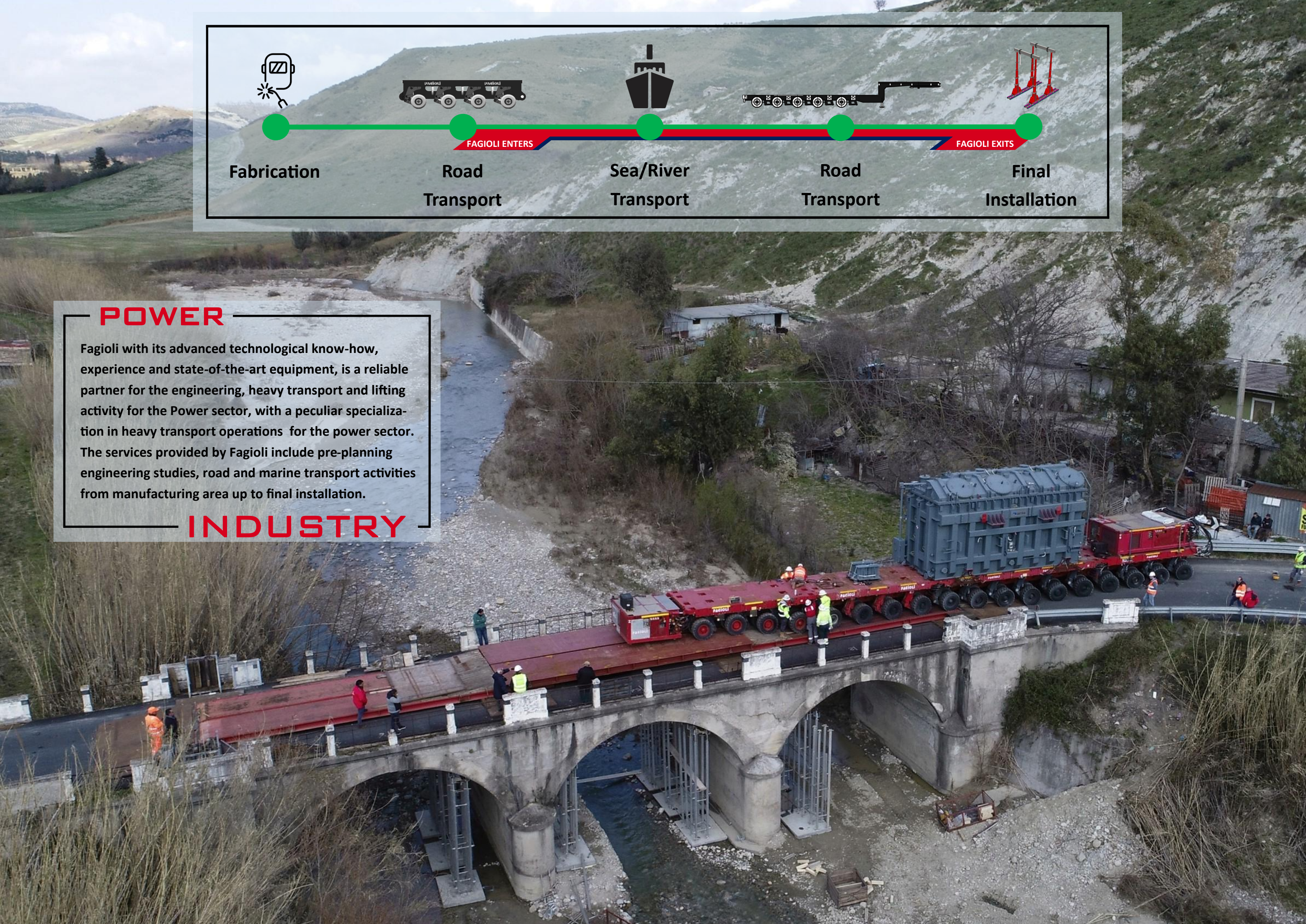
Since 1955



POWER

Fagioli with its advanced technological know-how, experience and state-of-the-art equipment, is a reliable partner for the engineering, heavy transport and lifting activity for the Power sector, with a peculiar specialization in heavy transport operations for the power sector. The services provided by Fagioli include pre-planning engineering studies, road and marine transport activities from manufacturing area up to final installation.

INDUSTRY



POWER

Since 1970, Fagioli has been awarded either by manufacturing or utilities companies the contracts to perform the shipping and forwarding operations, transport, lifting and final positioning / replacement of all types of components for the power industry. Fagioli has the experience, the equipment and in-house engineering to perform any foreseeable lifting and transport requirements for new or refurbished power plants as well as the dismantling activities relating to existing ones.



Some common tasks that Fagioli usually performs within the power industry are the transport, lifting and installation of turbines, generators, rotors, steam drums and transformers; the erection of modular top hung boilers and layer, including the installation of horizontally connected boiler modules; the hauling and hoisting operations of ancillary equipment such as steam drums and silencers, platforms, boiler dismantling; the installation of flue gas desulphurization plants.



HEAVY ROAD TRANSPORT



Time schedule for the installation of power components is extremely strict. Fagioli organization can handle this delicate situation with top-level quality operations complying, at the same time, with all necessary HSE requirements and special equipment such as gantry lifting system, strand and climbing jacks, crawler cranes.



LIFTING AND INSTALLATION

EQUIPMENT



MAIN EQUIPMENT FLEET FOR THE POWER INDUSTRY

Fagioli owns and operates one of the biggest fleet of state-of-the-art equipment in the world, being able to meet customer needs for the hauling, hoisting and installation activity.

SPMTs



over
1,300 AXLE
LINES

SPTs



over
550 AXLE
LINES

STRAND JACKS



over
1,000 units
(15-750 ton)

TOWER LIFT



over
1,000 m

BARGES



10 Units
sea and river
activity

GANTRY CRANES



15 Units up
to 800 ton
capacity

Available other equipment such as:
-Crawler Cranes - Climbing Jacks - Screw Jacks - Auxiliary equipment

CASE STUDY

TRANSPORT OF A GAS TURBINE (310 TON) AND A GENERATOR (318 TON) FROM TURBIGO TO CHIOGGIA PORT BY MEANS OF SPMTs, MODULAR TRAILERS, OVERBRIDGES AND BARGE

Fagioli was called to execute a very challenging heavy transport with loads exceeding 300 ton from Turbigo to Chioggia port. The road transport was executed in eight nights (for each transport) with the installation of no. 19 overbridges along the road. The road transport, with a max. convoy length of 74 m, ended at Cremona river port where the two heavy items were loaded onto Fagioli barge for the river transport up to Chioggia. A dedicated H/L vessel executed the loading operations by means of on-board gears. More than 30 people were operationally involved each night for the transport of the convoy, No. 4 engineers just for the issuing of studies and analysis of bridges and flyovers to be overcome. After detailed structural studies issued by Fagioli engineering department, it was decided to execute some bridge reinforcement works in order to raise at maximum possible level the safety of the whole transport.

MAIN EQUIPMENT

SPMTs / Gantry Lifting system / Climbing Jacks / Skid Tracks / SPTs / Overbridges / Barges / Dedicated Heavy Lift Ship



Top Left: Detail of the convoy Top Right: Challenging roundabout Bottom Left: Detail of overbridge positioned onto the road
Bottom Center: River transport onto Po river by means of Fagioli barge Bottom Right: Direct loading onto the H/L vessel

