



ARCHIMETER

SRL

High Precision Surveys

# COMPANY PROFILE

ARCHIMETER company is specialized in the sector of high-precision surveys:

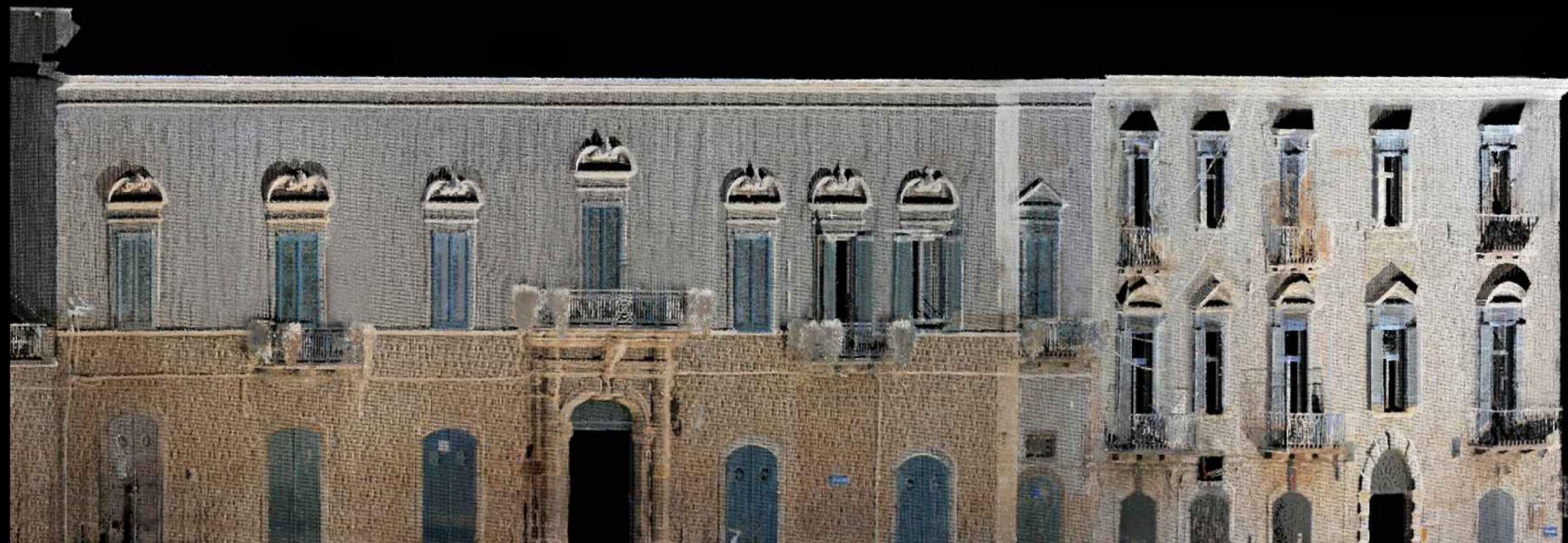
- 3D Laser Scanning Surveys for Architecture, Archaeology, Topography, Geology and Structural Engineering, and associated technical drawings;
- Virtual Tours;
- Photogrammetry;
- 3D Modeling and interior and exterior rendering;
- G.P.S. surveys;
- U.A.V. surveys;
- Thermographic surveys;
- 3D printing.



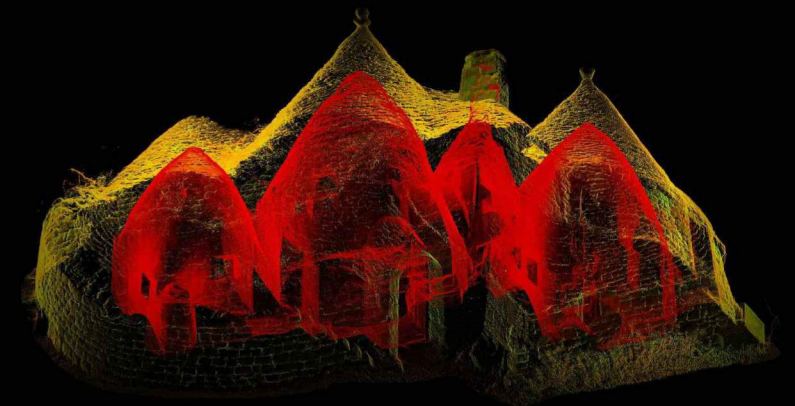
After considerable experience in those sectors, skilled personnel deals continually with architectural, structural, historical elements, which are investigated by providing reliability and professionalism.

Since the beginning, our attention focuses on the study of surveying and its following graphic deliverable. The mission of our way of working is to achieve our clients' target with precision and rapidity.

Quality control, innovation and attention to details are one of our strengths. Those aspects join in the final product in order to create graphic works with added values, in terms of both content and graphics.



We dealt with both private and public clients, to whom we offer different services rated on a case-by-case basis.



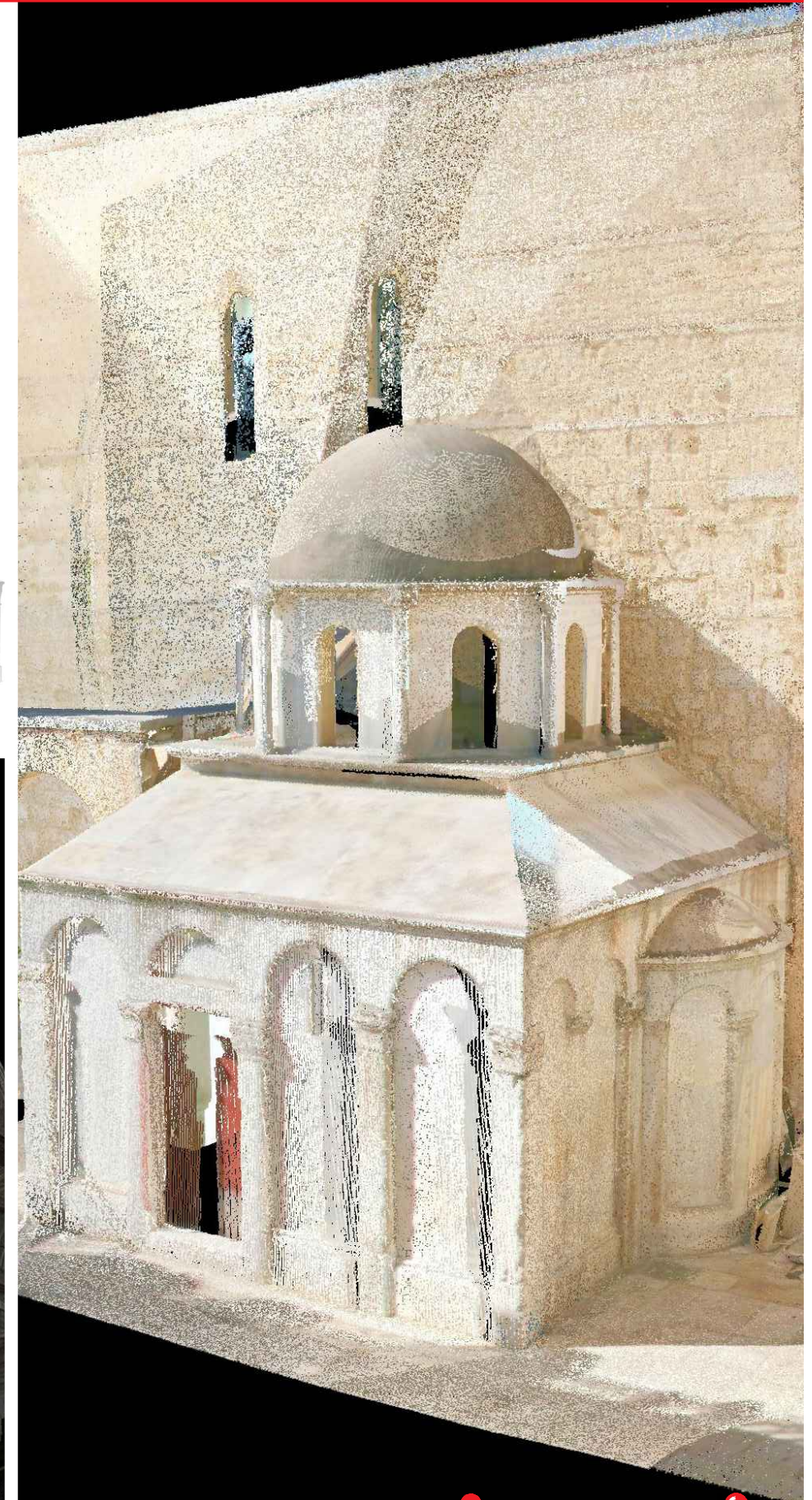
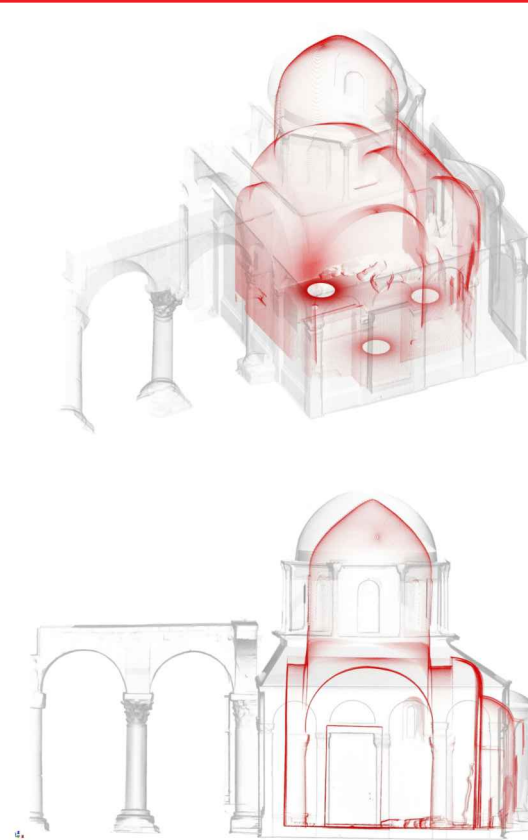
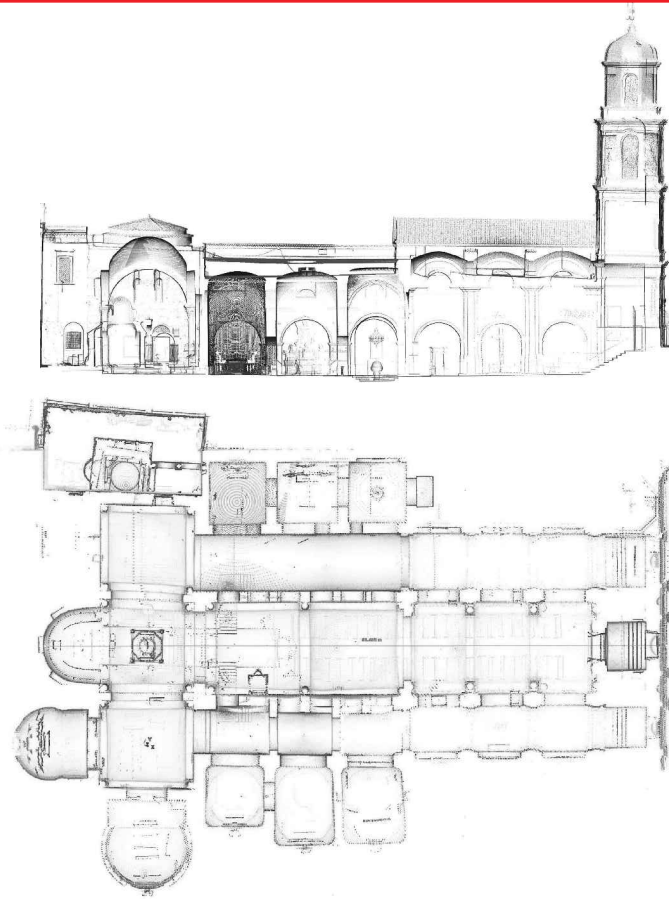
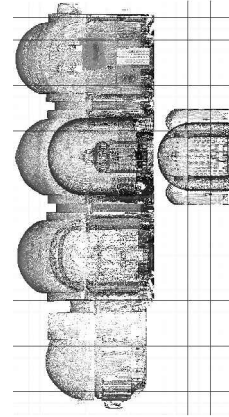
# BASILICA OF S.SABINO AND BOHEMOND OF HAUTEVILLE'S MAUSOLEUM

Italy - Canosa di Puglia (BT)

Built in the Lombard period (seventh and eighth centuries), the Basilica of St. Sabino in Canosa di Puglia was a Cathedral until 1818, when the Diocese of Andria added Canosa territory to its ecclesiastical province. A little architectural jewel also stands connected to the south side of the church: it is the Mausoleum of Prince Bohemond of Hauteville, built here in the twelfth century.

In collaboration with the Soprintendenza and the Diocese, an important architectural survey with laser scanner was carried out in order to give value to the restoration succeeded in recent years: this case study has enabled to deepen the level of knowledge about the history of the architectural complex.

Important studies have been conducted concerning the correct geometrical configuration of the internal vaults of the building: in particular, the laser scanner survey of the interior of the Mausoleum allowed to disprove what was erroneously detected with the old traditional techniques of survey.

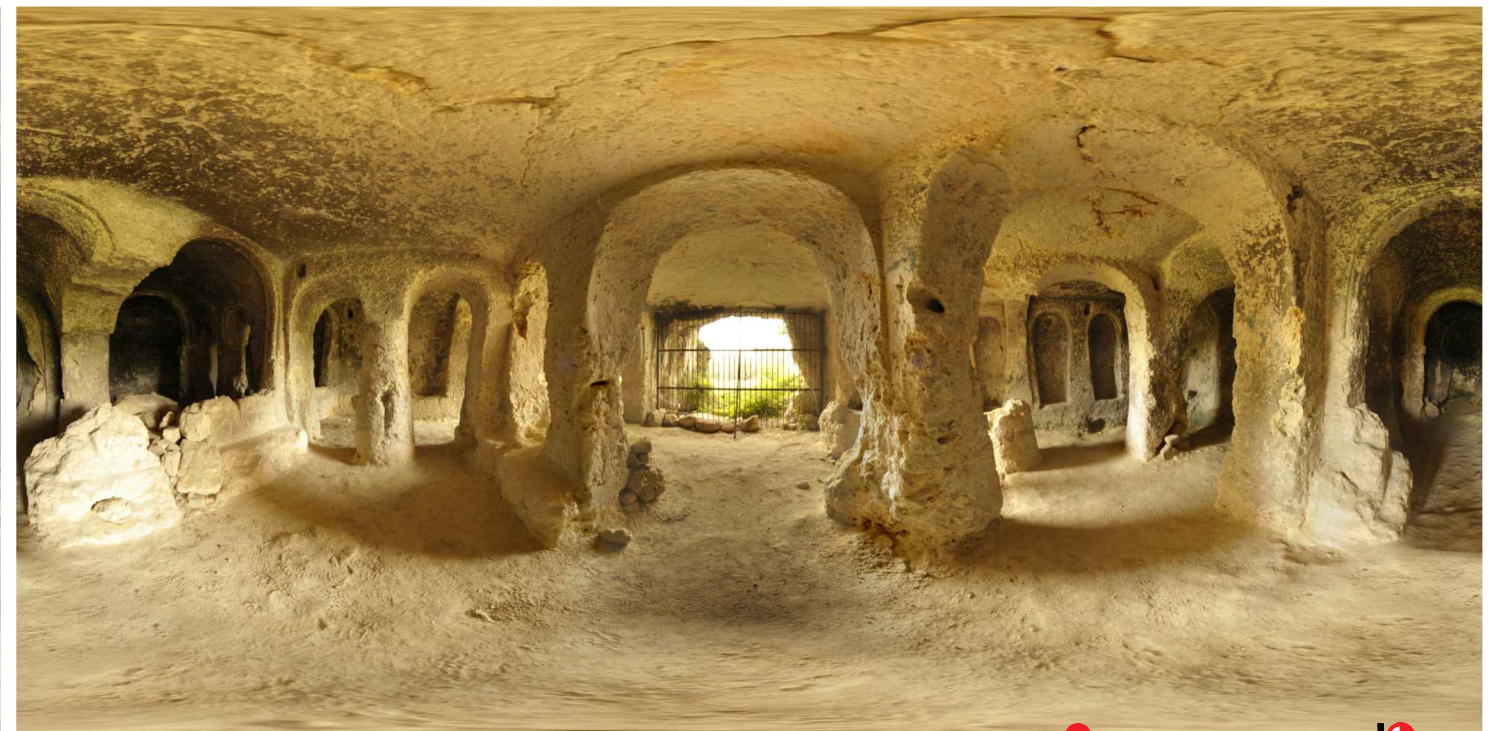
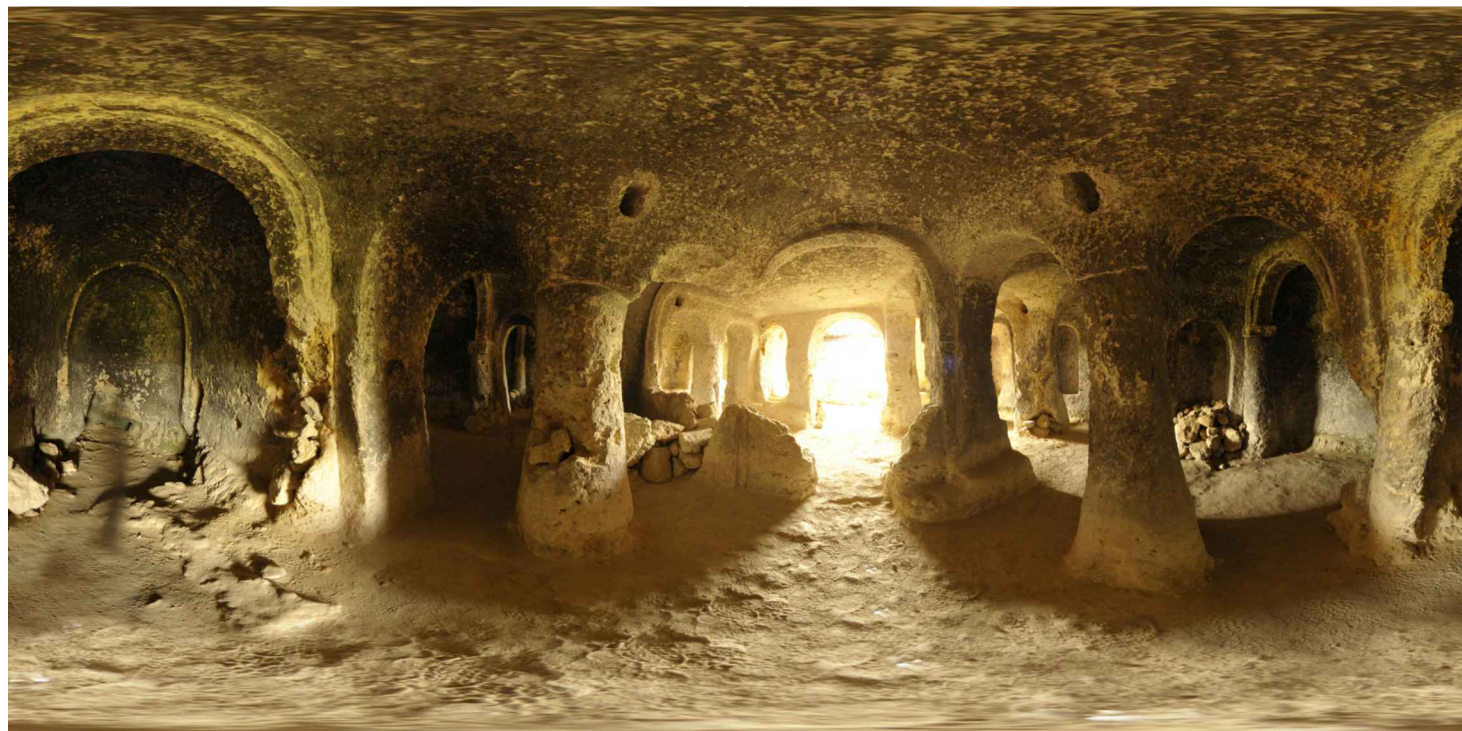
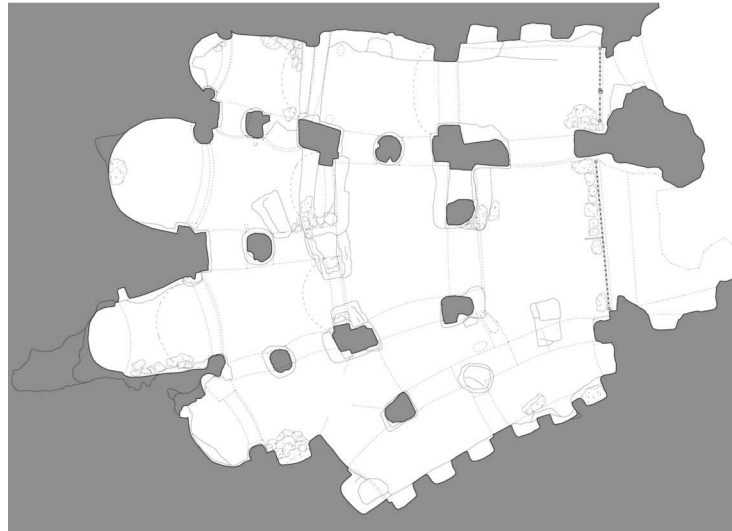
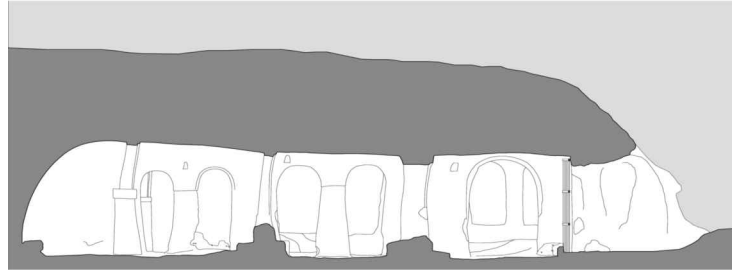


CLIENT: Diocese of Andria and Soprintendenza ai BB.CC.AA. di Barletta-Andria-Trani

# ST. CANDIDA CAVE CHURCH

Italy - Bari (BA)

St. Candida cave church is a sacred hypogeum dated between the tenth and eleventh centuries and it is characterized by a particular plan fan-shaped with five naves and apses. After years of neglect partly because of its location outside the city, a process of restoration and conservation of the site has started, aimed at the full valorization of one of the oldest churches in Bari.



CLIENT: Autorità di Bacino della Puglia

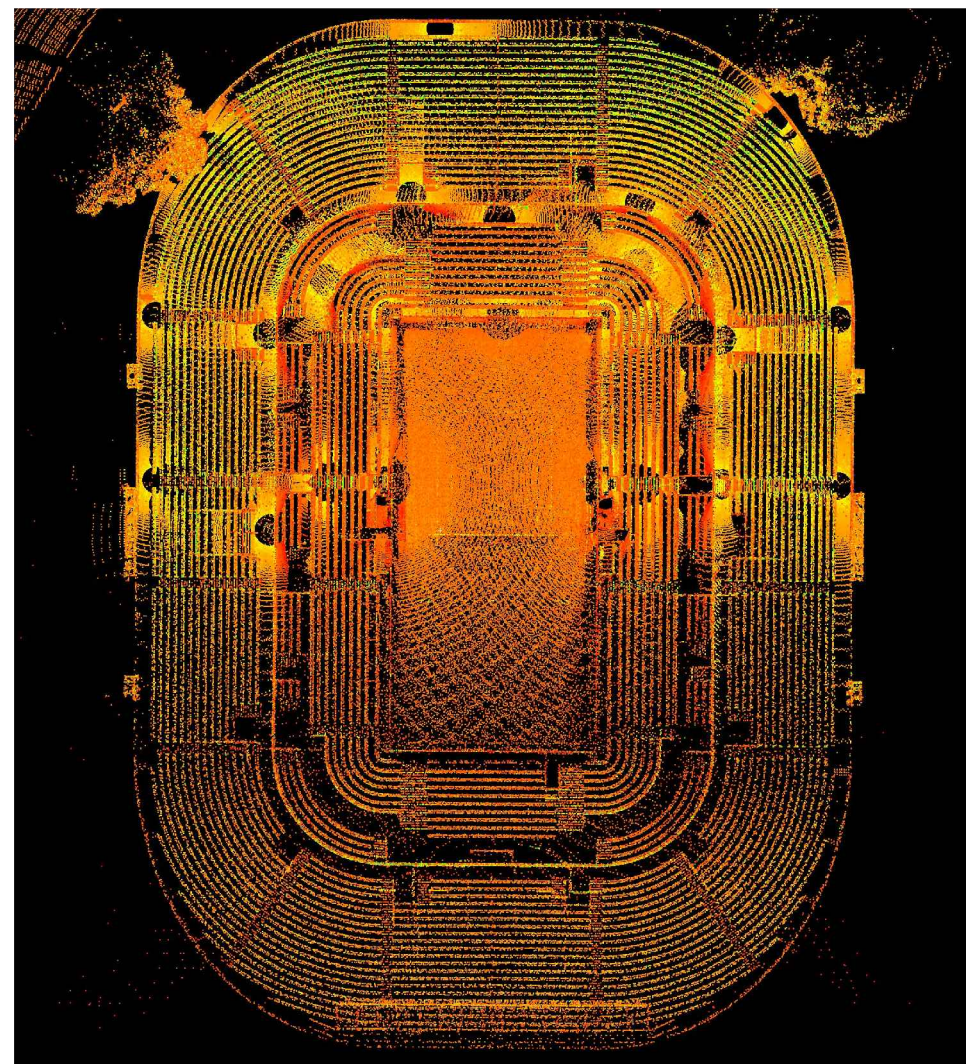
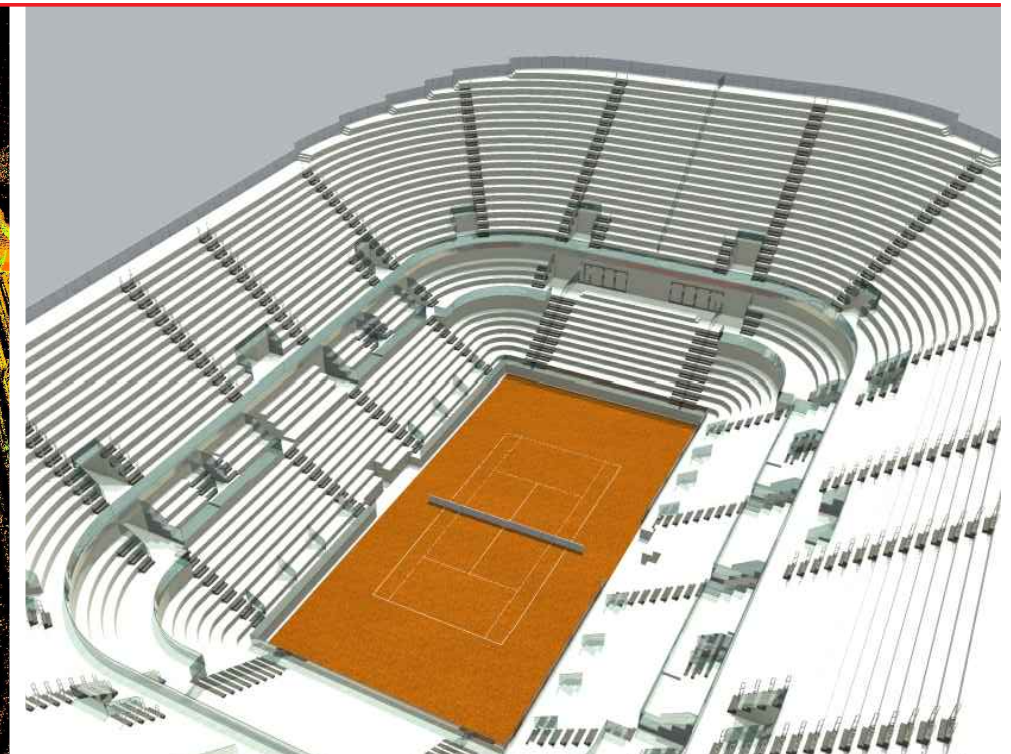
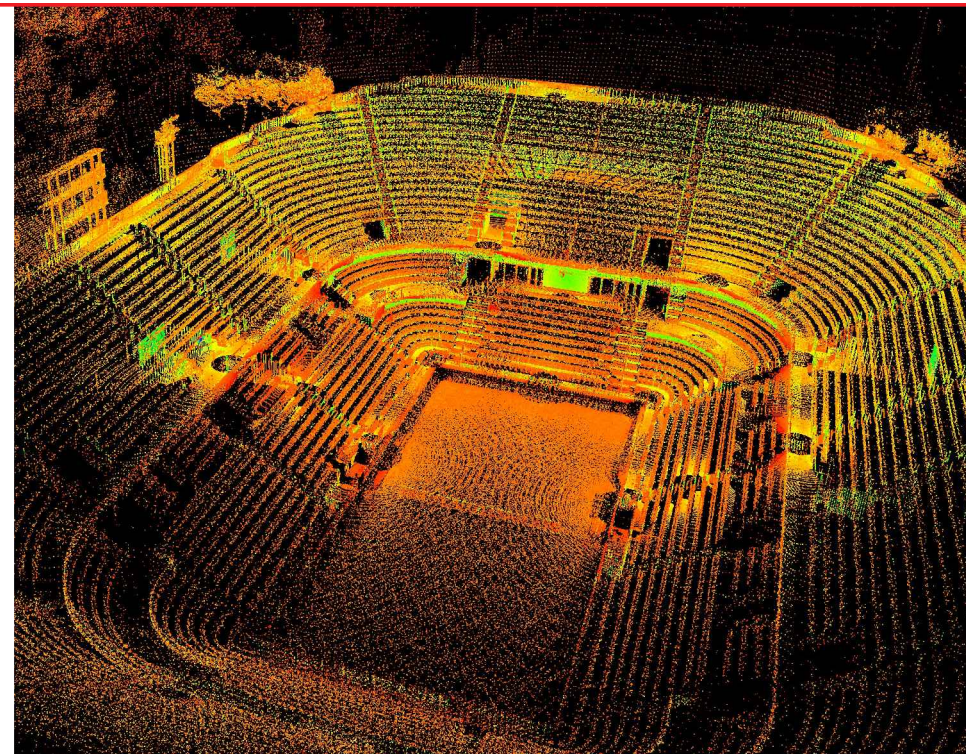
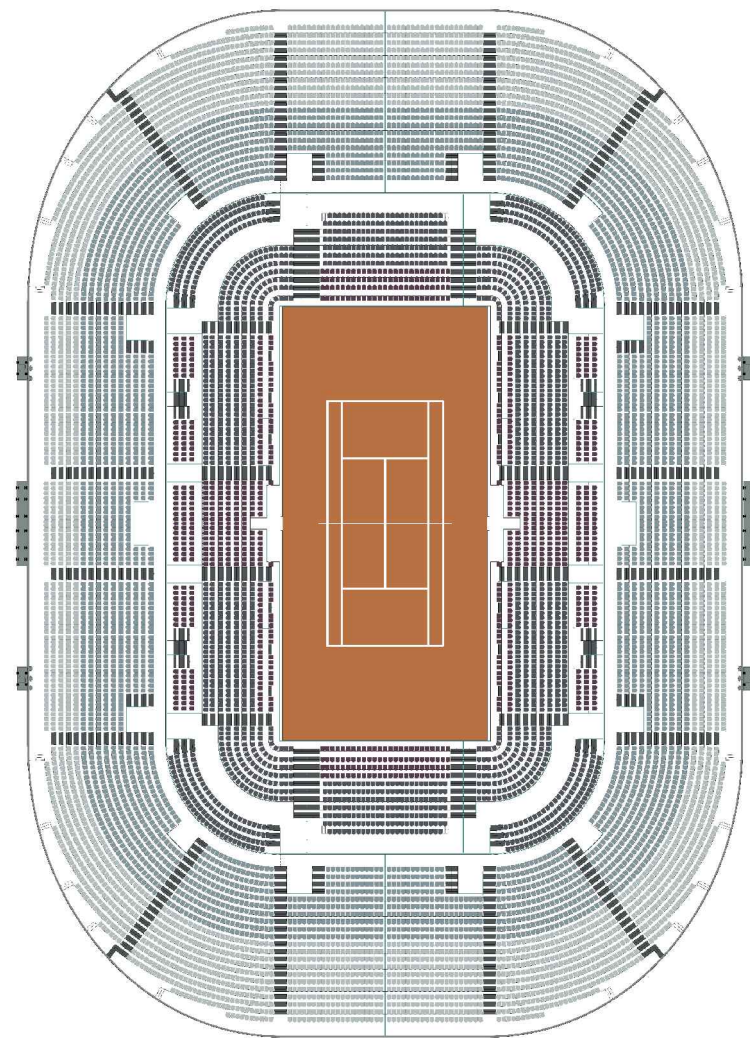
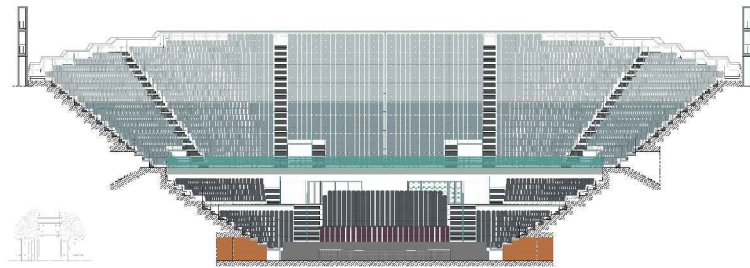
# CENTRAL STADIUM OF TENNIS AT FORO ITALICO

Italy - Rome (RM)

Central Stadium Tennis of Rome is the name of the tennis field inside the Foro Italico sports complex. Opened in April 2010 to host the tournament of the Italian Open, it is often used as site for concerts and events of great media appeal, thanks to its good capacity of 10,500 people.

Just a concert by two well-known singers, who have made the history of Italian music, was the occasion of this case study: the aim of the survey, carried out with a laser scanner, was a faithful and accurate 3D reconstruction of the interior of the Stadium, Terraces, railings and seats were measured with centimeter accuracy, in order to realize the required model as closely as possible.

In fact, the deliverable was the starting point for the lighting and scenic design of the aforesaid concert: the extraordinary spectacle of lights and video mapping, carried out during the event, was the final result of a symbiotic teamwork between experts from different sectors.



CLIENT: F&P Group SRL

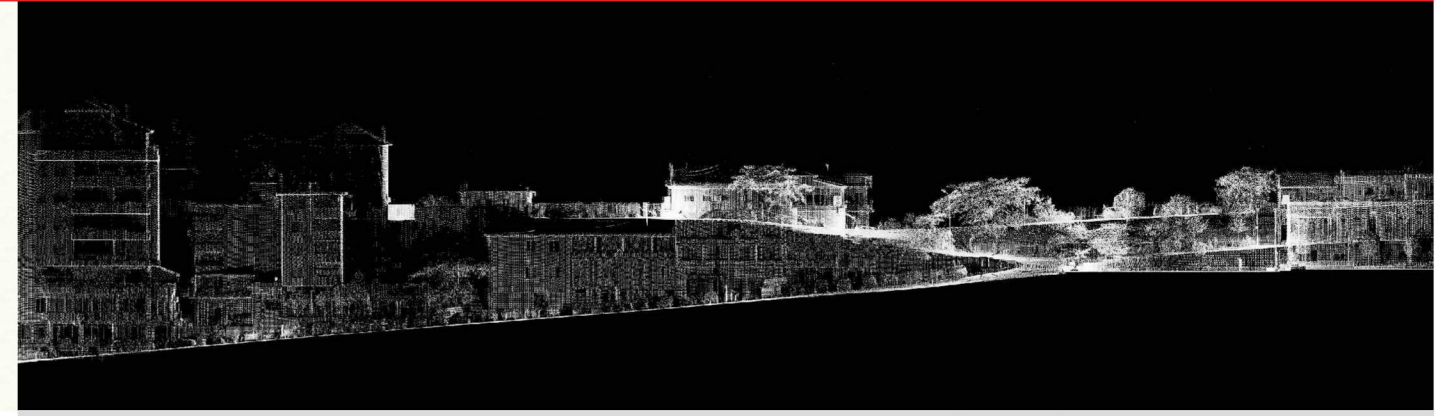
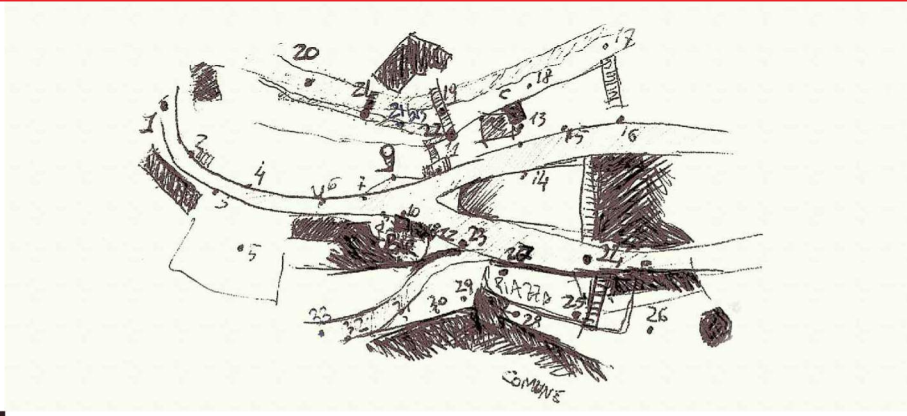


# RRUGA KALA

Albania - Krujë (District of Krujë)

Former Albanian capital, Krujë still preserves a rich architectural and artistic heritage of the different historical periods have occurred since the Middle Ages. However, because of the building speculation in last years, the town needs a massive redevelopment in favor of a better valorization.

As first step of the design of a reorganized road network, this case study consisted of an architectural and land survey with laser scanner through a large part of the main street of Rruga Kala with its squares and gardens, and the confluent routes of Rruga Pazari Vjeter and Rruga Kryesore. After a total of 40 stations of the instrumentation, the survey was also integrated with shooting of the existing building fronts.



CLIENT: Municipality of Krujë



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