PORTFOLIO

# SPORT

CREATING A BETTER REALITY

ATI | Project

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Rugny Arena, Pisa, Italy

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PROFILE

# Creating a better reality

Architecture and technology conceived as a source of inspiration and enrichment of everyday life

**ATI Project** is an international firm specialized in **integrated design** in the field of architecture and engineering, committed to the development of **sustainable buildings** with a reduced environmental impact.

The studio was established in 2011 by **Branko Zrnic** and **Luca Serri**, founders dedicated to research in bioclimatic architecture and renewable energy.

In just over a decade, the **team** has grown from **2 to 350 collaborators**.

The initial outline of the office is the same that still drives its growth today: a young, visionary, technological studio that natively uses BIM to promote **multidisciplinarity**, as well as **innovation** and **sustainability.**

The complexity and number of projects reflect the **internationality** of the studio, which today, in addition to its headquarters in **Pisa**, has offices in **Milan, Rome, Belgrade, Odense, Paris, Copenhagen** and **Geneva**.

**15**

YEARS OF CONSTANT GROWTH

**27.5 Mln**

TURNOVER IN EUROS

**1+ Milion of m²**

OF COMPLETED OR ONGOING PROJECTS

A modern and sustainable infrastructure, designed to bridge the gap between sport, the local territory, and the community, while leading Pisa Sporting Club into the future.

SPORT

# Pisa Training Centre

## The new pivotal center of Pisa Sporting Club

Located in the heart of the city, the Pisa Training Centre is set to become the new vibrant hub for Pisa Sporting Club's football and administrative operations.

Spanning an area of 121,900 square meters and developed through a phased master plan, the new sports complex aims to stand as a symbol of continuity and pride for the entire city. Here, the Men's First Team, the Women's Team, and the Youth Sector will train year-round, honing their potential in an environment specifically engineered for sporting excellence.

The development includes: Club Headquarters: A central administrative hub for the Society. Player Facilities: On-site guest quarters, a new Pisa Store, and dedicated dining areas.

Pitch Infrastructure: Seven full-size football pitches, including the MiniArena—designed to meet FIGC requirements for Women's First Team and Primavera matches.
Specialized Training: Small-sided pitches, specific drill zones, and advanced strength and conditioning areas. Academy Spaces: Dedicated environments designed to nurture and develop young talent.

Born from Pisa Sporting Club's vision to build an infrastructure matching its sporting ambitions and commitment to the local community, the project was developed in close collaboration with the Municipality of Pisa and all relevant stakeholders. The result is a modern, sustainable facility seamlessly integrated into the urban fabric.

**Location:**
Pisa, Italy

**Typology:**
New construction

**Year:**
2022 - ongoing

**Status:**
Under Construction

**Dimensions:**
121.900 smq

**Client:**
Pisa Sporting Club

**Activities:**
ARC - STR - MEP - INT design


PISA


FISIOTERAPIA



A dynamic space designed to host outstanding events, encourage community participation, and showcase sport and culture in Lucca.

SPORT

# LuccArena

## Lucca's new innovative and multifunctional arena

**LuccArena, Lucca's new Palasport**, will be built on Via delle Tagliate, in the north-west sector of the city, through the complete demolition and reconstruction of the existing facility. Designed as a multifunctional sports center, it will host high-level competitions, concerts, performances, and public events, becoming a vital hub for the community.

The main volume will rest on a base constructed from materials derived from the demolition. A distinctive feature of the building will be its façade, made with lightweight, dynamic, and high-performance **ETFE cushions**. The interior spaces are designed with clear circulation paths and separate flows for spectators, athletes, and staff, ensuring safety, comfort, and efficient management during large-scale events. The arena will be highly flexible thanks to **telescopic stands**, which will allow the structure to be quickly adapted: it will be able to accommodate over **5,400 seats** for sporting events and up to **6,000 spectators** for concerts and performances. The facility is designed according to **CONI standards**, suitable for training, tournaments, and professional sports competitions, and is ready for a future upgrade to the "Gold" category.

The building, conceived as an **NZEB**, will integrate a **310 kW photovoltaic** system, ensuring energy efficiency and environmental sustainability.

The new Palasport will represent a strategic investment for Lucca: a state-of-the-art, environmentally conscious, and resilient facility**, designed to become the beating heart of sport, culture, and community life.**

**Location:**
Lucca, Italy

**Typology:**
Demolition and new construction

**Year:**
2024 - ongoing

**Status:**
Design in progress

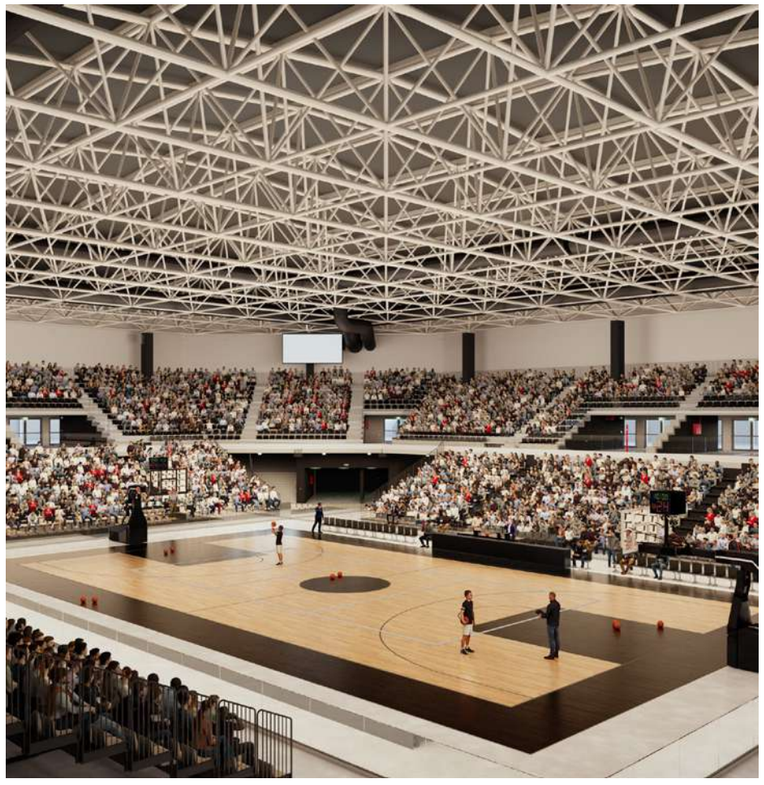
**Dimensions:**
5.500 smq

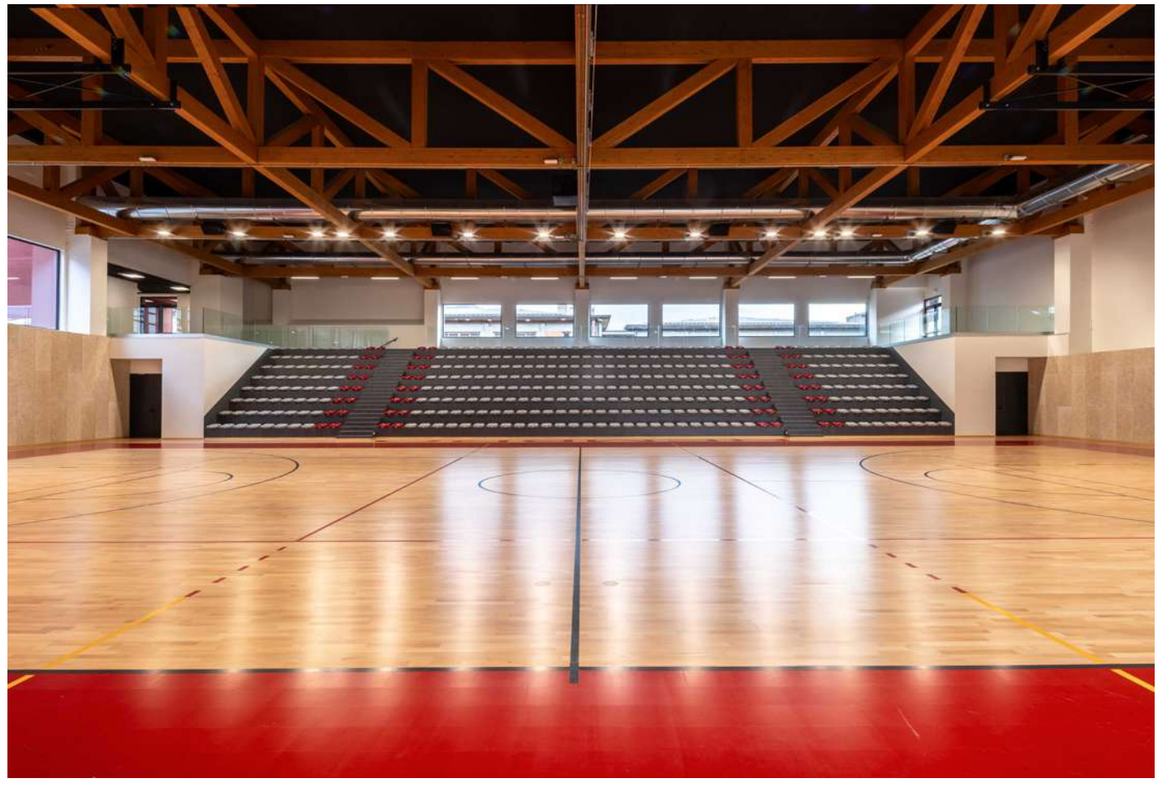
**Budget**:
Approx. € 20 mln

**Client:**
Municipality of Lucca

**Activities:**
ARC - STR - MEP design

**Collaborators:**
Heliopolis 21 Architects - SAMA Scavi Archeologici - 3E Ingegneria - Dott. Agronomo Fabrizio Buttè





From a gymnasium to a sports hall open to the community, a flexible and modern place.

SPORT

# Nembro Multifunctional Sports Hall

## Synthetic lines for functional and adaptable interiors

The project involves **replacing the current school gymnasium** with a modern and functional **sports hall**, which can be used both by the adjacent school and for training sessions and matches of local sports clubs.

The new hall was designed according to the current CONI regulations and will be able to accommodate up to **400 spectators**.

For better management of the facility, **a movable partition sheet** allows the playing area to be divided into two volleyball courts, so that **several classes or teams can be accommodated at the same time** during training.

The **public area** is equipped with a **refreshment area** from which one can also access a large outdoor solarium with a view of the playing field through large windows that allow to follow the sporting activities also from outside

The envelope is characterised by a succession of opaque and transparent portions of regular shapes, for a **simple but recognisable language**.

**Location:**
Nembro, Italy

**Typology:**
New construction

**Year:**
2020 - 2021

**Status:**
Completed

**Dimensions:**
2.000 sqm

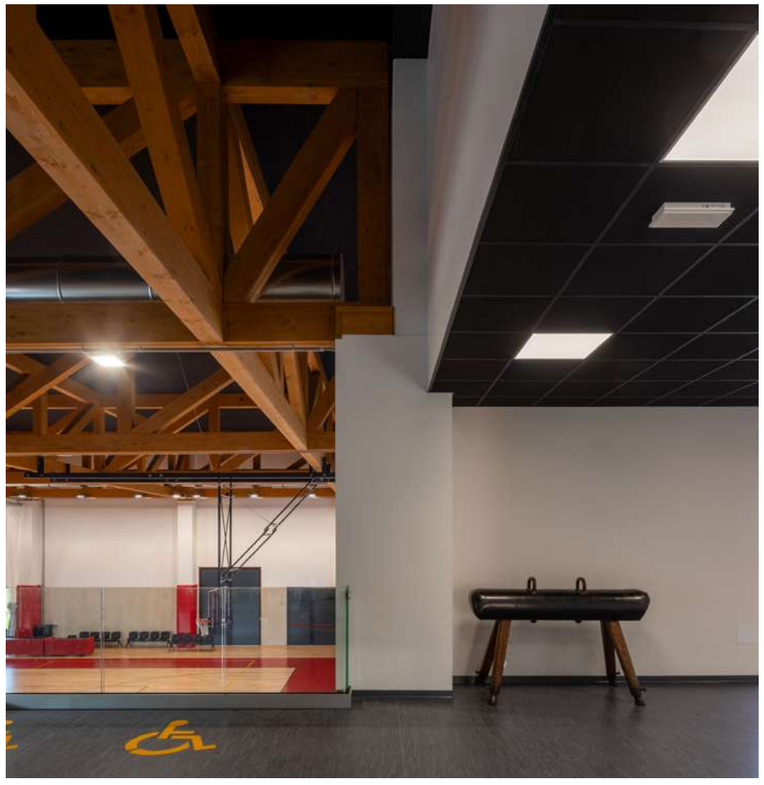
**Budget:**
€ 2 mln

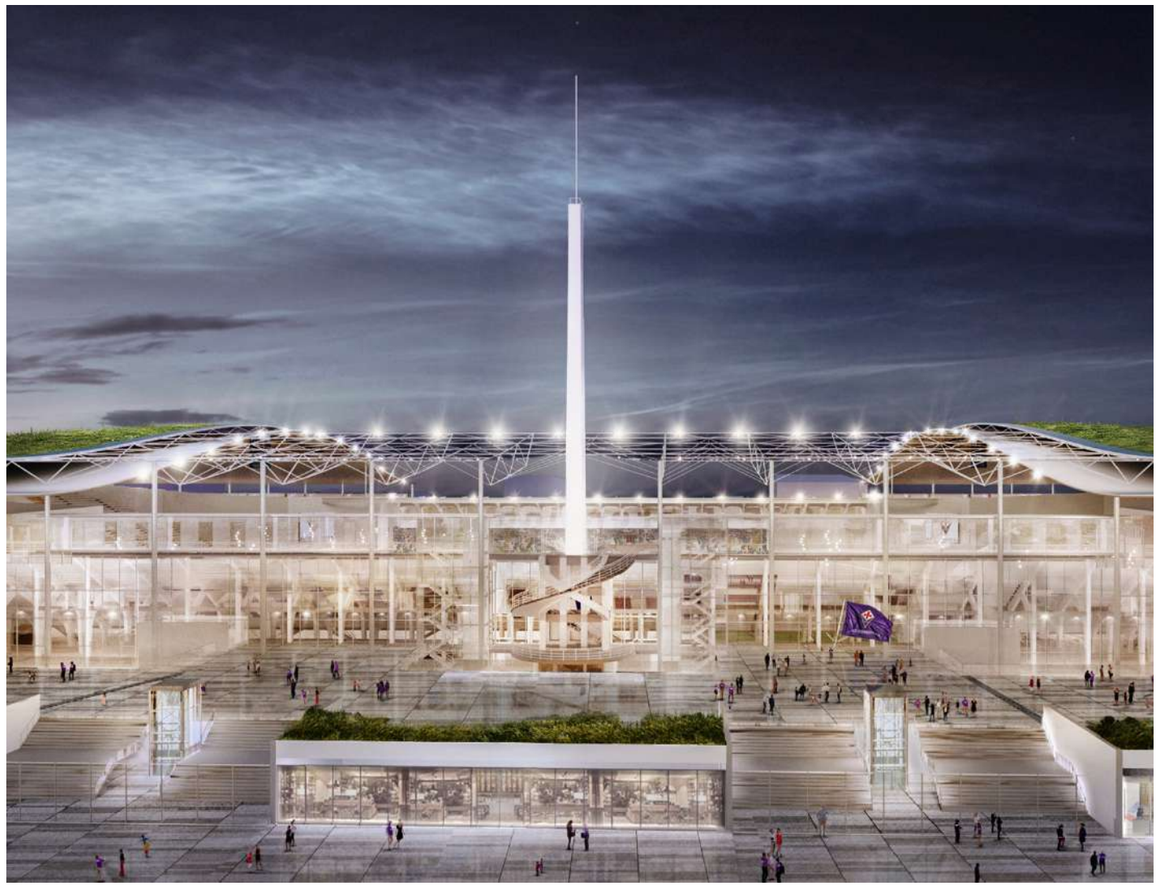
**Client:**
Municipality of Nembro

**Activities:**
ARC - STR - MEP design

**Collaborators:**
Didonè Comacchio Architects

**Credits:**
Photo: Andrea Zanchi





The Franchi Stadium enters the contemporary world with a solution that integrates and enhances its historical dimension. A far-reaching intervention that also involves Campo di Marte according to a planning oriented towards the territory and sustainability.

SPORT, URBAN

# Franchi Stadium and Campo di Marte

## Architecture and sport become a unique synthesis of the spectator's experience

A new modern, sustainable and safe stadium, compliant with FIGC and UEFA requirements with commercial spaces accessible 24/7.

The design is generated from the enhancement of the incredible existing structure of Pier Luigi Nervi, embedded in an Urban Sport Park.

An overall intervention aimed at the improvement of quality of life within the neighborhood and in the entire city, revitalized by a brand-new identity and a modern permeability between public and private spaces.

These have been the focus points of our proposal for the new Stadio Franchi and the masterplan for Campo di Marte northern area.

**Location:**
Florence, Italy

**Typology:**
Requalification

**Year:**
2021

**Stato:**
Competition proposal

**Dimensions:**
Stadium: 40.000 spectators
Masterplan: 25 ha

**Budget**:
€ 170 mln

**Activities:**
ARC design


Spaces for sport become a place for the daily experience of a community.

SPORT

# Perignano Sports Center

## Sports architecture. The new dimension of the Frates ASD Sports Center in Perignano

The adaptation project of the **Frates Perignano ASD Sports Center** is an intervention articulated on the needs of the community which, starting from the pre-existing ones, responds to the prospect of **developing the sports area according to the standards of the football D series and the youth sector**.

The architecture interprets the different synergies of a strongly characterized territory and returns, through an integrated process, spaces and structures that characterize the peripheral area as functional and organic to the development of the urban and social fabric. **The expansion of the stands** of the "Mauro Matteoli" sports facility is accompanied by the demolition and reconstruction of the new cultural center, part of the surface of which is intended for accessory functions such as the changing rooms serving the main field. The overall expansion of the center also counts on the consolidation of the youth sector and the football school, with two fields respectively for eleven and seven, and related changing rooms.

**The tennis centre**, an integral part of the complex and engine of the diversification offered to the audience of users, has also been **expanded and renovated according to the highest standards of sustainability and energy efficiency**.

The Frates Perignano ASD Sports Center is such a place that interprets the **contemporary concept of sporting experience**. Its functionality is in fact extended and transversal and not confined to times and activities exclusively linked to the sporting event, thus becoming a structure with its own urban dimension, recognizable and recognized by the community.

**Location:**
Perignano, Italy

**Typology:**
Sport

**Year:**
2021

**Status:**
Design completed

**Budget**:
4 mln

**Client:**
Municipality of Casciana Terme - Lari

**Activities:**
ARC - STR- MEP Design

The architectural organism constitutes the new fulcrum around which the various functions revolve.

SPORT

# “Matteotti” Gym

## Sport and education.
## A welcoming and functional gym

The new gym of the Matteotti Institute in Pisa is a project that pursues balance, harmony with the context and order in its layout.

The **multifunctional court**, designed in compliance with CONI standards, obtains a central position in the functional layout: a unique and flexible space, featuring an exposed wooden structure that innervates the space and gives back a warm and welcoming ambiance for athletes and spectators.

The **facade** facing the institute is outlined by a linear opening that develops along the entire length of the elevation, creating a dynamic combination of light and shadows that characterizes the interior space.

The simplicity of the volumes is reinterpreted in the design of the open areas, in which **nature** is the subject and frame of the sports experience.

**Location:**
Pisa, Italy

**Typology:**
New construction

**Year:**
2020 - ongoing

**Status:**
Under construction

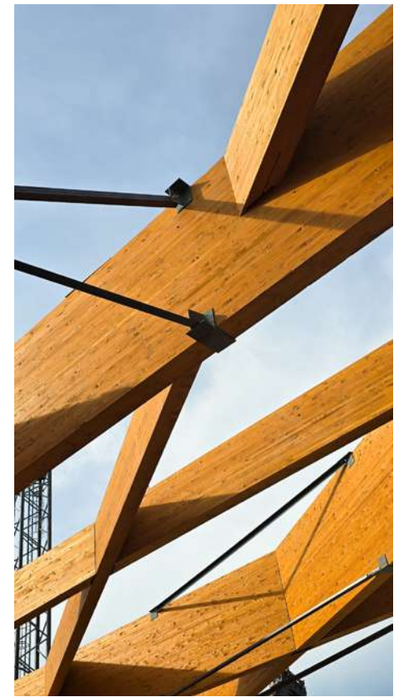
**Dimensions:**
2.000 sqm

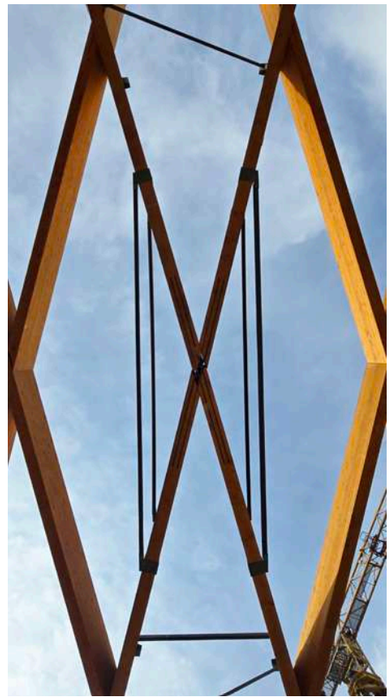
**Budget:**
€ 3 mln

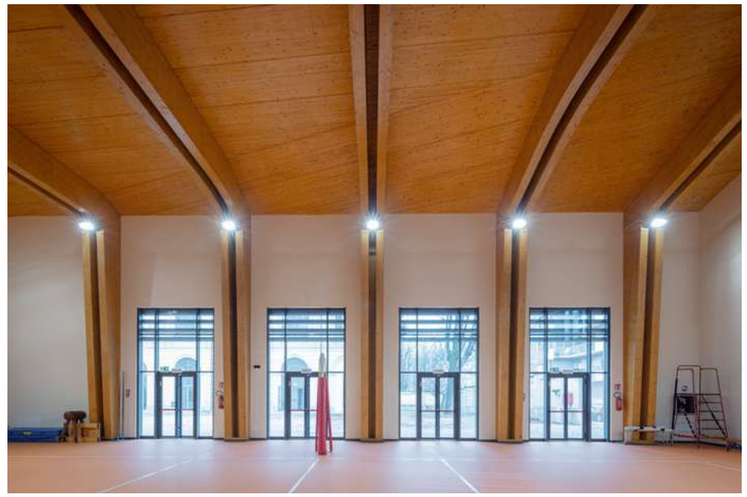
**Client:**
Province of Pisa

**Activities:**
ARC - STR - MEP design

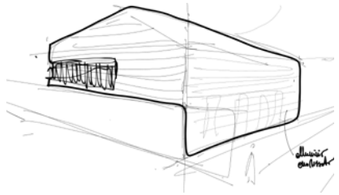
**Collaborators:**
Studio Masiello strutture,
Eng. Stefano Liberatori

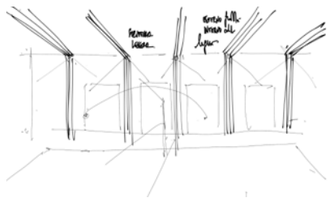






The design proposal for the gym in Casale Monferrato is an example of eco-sustainability and eco-compatibility in a historical context.





SPORT

# "A. Trevigi" Gym

## Crossed dialogues. Between historical building and energy efficiency

The project for the extension of the **Cova Adaglio Palace** follows a functional approach, where the design criteria derive from the **didactic and organisational requirements** of the school.

It stands in continuity to the existing historical building and is characterised by contemporary architectural and technological features.

The volume hosting the classrooms is built in **X-lam panels** and is equipped with FV panels on the roofing that are needed to satisfy energy consumption needs.

The **gymnasium** is constructed in a wooden framework, completed with a metallic ventilated façade that provides high bioclimatic performance.

**Location:**
Casale Monferrato, Italy

**Typology:**
New construction
(extension)

**Year:**
2019

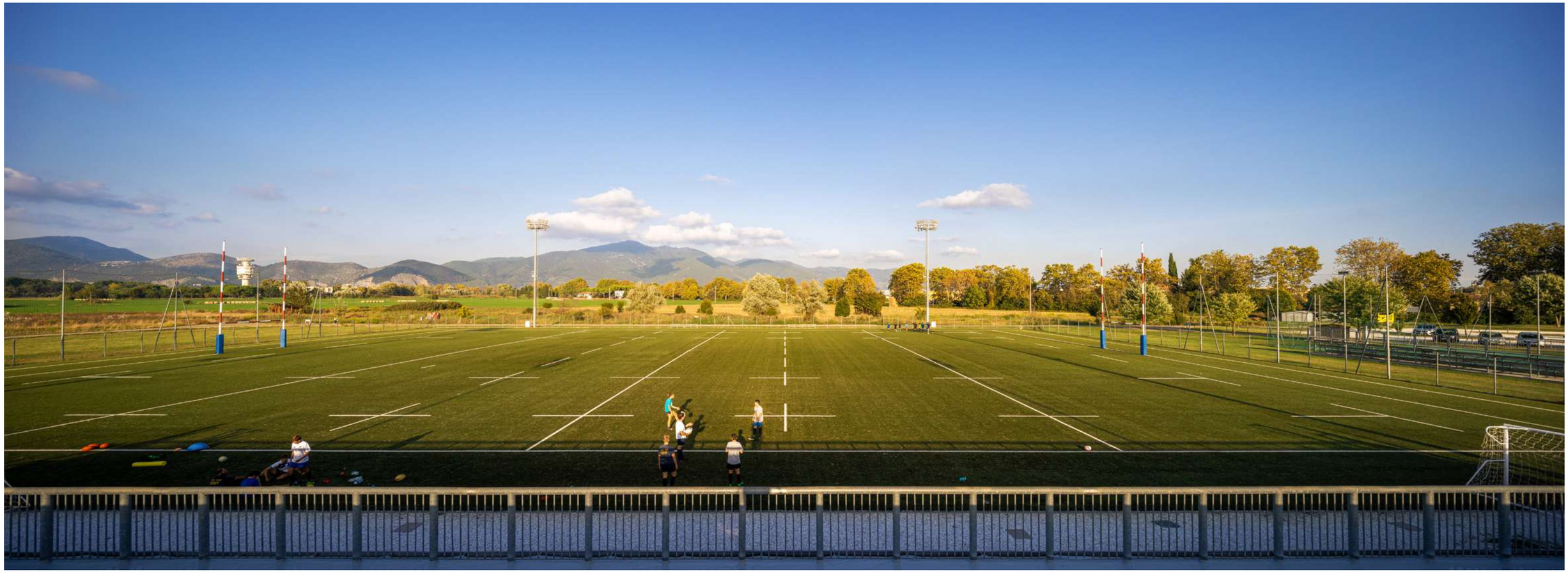
**Status:**
Completed

**Dimensions:**
1.035 sqm

**Budget:**
€ 1.5 mln

**Client:**
Municipality of Casale Monferrato

**Activities:**
ARC - STR - MEP design



The intervention welcomes a rugby field, homologable for the C series, which combines technological parameters to expand the game experience.

SPORT

# Rugby Arena

## The heart of sport, a space for competition and team spirit

The project for the new rugby field for the CUS in Pisa completes the University Sports Centre in Via del Brennero.

A great deal of attention was paid to the technological design. Four light-towers brighten the game field.

The highly performing court surface is UV ray resistant and frost resistant.

The double coloured shades of the fibres give back a very resembling appearance to that of a real grass surface, improving the experience of playing.

**Location:**
Pisa, Italy

**Typology:**
New construction

**Year:**
2013

**Status:**
Completed

**Dimensions:**
110 X 70 m

**Budget:**
€ 565.000

**Client:**
CUS Pisa

**Activities:**
ARC – STR – MEP design

The sports character of the city interpreted as an urban revitalization and a model for development.

SPORT

# Stadium Arena

## Sport, territory, sustainability. The new Pisa stadium

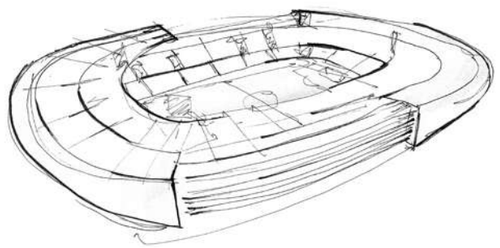
The aim of the project is to respond to the logistical-infrastructural needs that characterize the team, the fans and more generally, the entire city.

Two **sports courts**, a **hotel resort** for athletes, a **shopping area** and numerous **parking lots** make up the intervention program.

Large **green spaces** integrate the design into the surrounding context, allowing a strong **landscape continuity**.

The stadium is the fulcrum: a **double membrane** (blue in the north and red in the south) embraces the spectator tribunes.

The shape of the building is **optimized from a bioclimatic point of view**, a symbol of sustainability and community at the same time.



**Location:**
Pisa, Italy

**Typology:**
New construction

**Year:**
2010

**Status:**
Project completed

**Dimensions:**
20.000 Spectators

**Budget:**
€ 60 mln

**Activities:**
ARC – STR – MEP design

# Certifications

BIM UNI PDR 74:2019
CERTIFIED COMPANY

ISO 9001:2015
CERTIFIED COMPANY

ISO 14001:2015
CERTIFIED COMPANY

ISO 45001:2018
CERTIFIED COMPANY

UNI PDR 125:2022
CERTIFIED COMPANY

SA 8000:2014
CERTIFIED COMPANY

ASSOCIATE OF
CONFINDUSTRIA
ASSOIMMOBILIARE

MEMBER OF
OICE

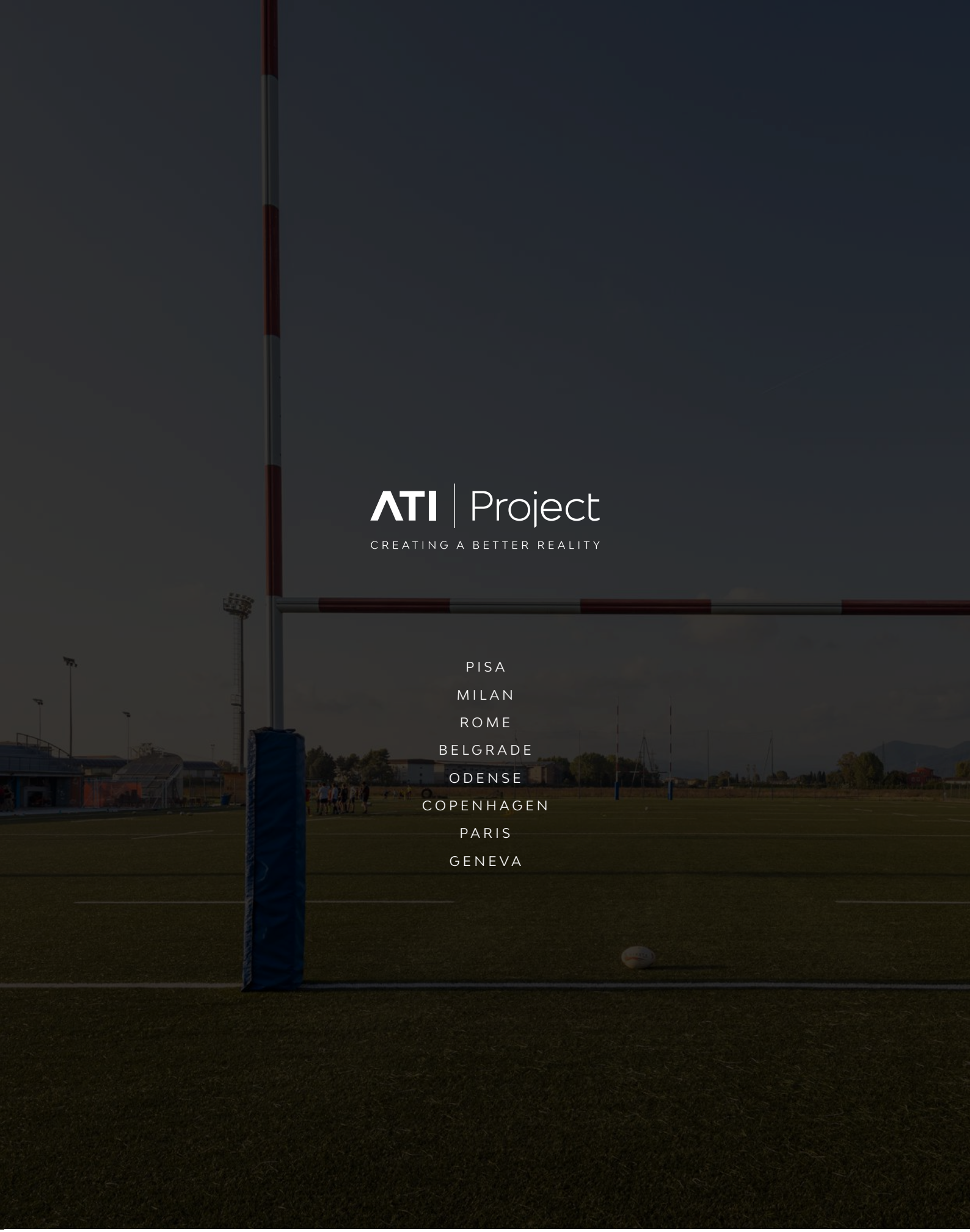
MEMBER OF
EFCA

MEMBER OF CNETO
CENTRO NAZIONALE EDILIZIA
E TECNICA OSPEDALIERA

BIM QUALITY
ENVIRONMENT POLICY

SOCIAL RESPONSABILITY
POLICY

GENDER EQUALITY
POLICY



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