

LASA

L'ingénierie
acoustique et vibratoire
depuis 1975



Sport Facilities

LASA : Acoustic and Vibration Engineering since 1975



4.9

million euros

revenue in 2024

5000

clients

trusting us since 1975

25

software tools

developed in-house by LASA

5



OPQIBI qualifications

Professional Qualification Organization for Engineering, Construction and Industry

10

sites

Paris – Lyon – Bordeaux – Marseille
Rennes – Nantes – Toulouse – Annecy
Antilles – Guyana

6

partners

all actively involved in the firm

90

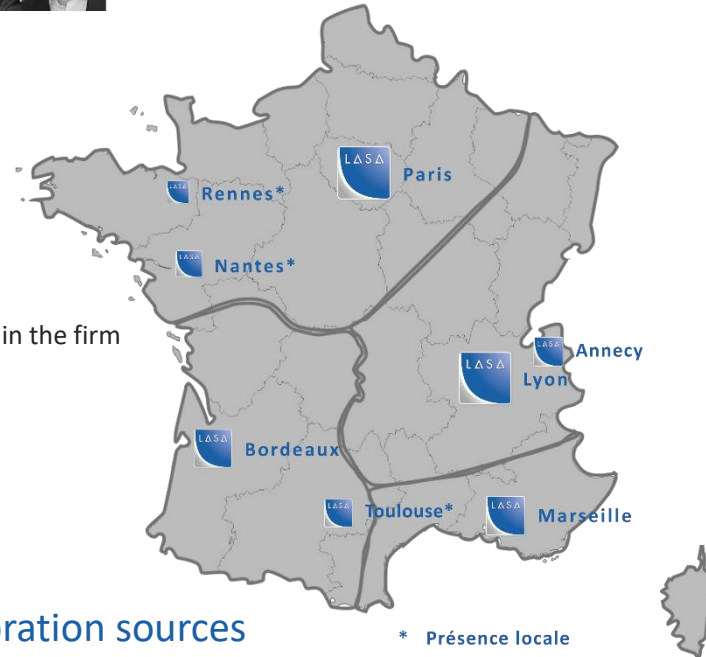
sound level meters

vibration analysers, single or multichannel

20

noise and vibration sources

omnidirectional, directional, standalone,
low frequencies, shock machines



Understanding
of architectural and client requirement

Feasibility
of solutions

Advanced optimisation
of proposed solutions

Satisfaction
of our clients

50

team members
experts and passionate about their craft

10 000

completed projects

Brest Arena – Brest (29)

Completion : 2009 - 2014
Cost of works : €31,8 million
Architect : Hérault Arnod

Description : Construction of a large 5,000-seat venue for sporting and cultural events, with training gym, fitness area, club rooms, partner and VIP areas. The first venue in France to be awarded the Arena label.

LASA's scope : Full project management services on a co-contracting basis during the design and works phases. 3D internal acoustic modelling, modelling and comfort sound study. 3D external propagation modelling.

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Arena Laval : Espace Mayenne- Laval (53)

Conception
acoustique et vibratoire
depuis 1975

ESPACE MAYENNE

Completion : 2016 - 2021
Cost of works : €32,9 million
Architect : Hérault Arnod

Description : Construction of a multi-purpose arena comprising a main 4,500-seat hall and a secondary hall with a capacity ranging from 500 to 1,900 seats, including a 15 m-high and 50 m-long climbing wall, as well as a conference area with a 500-seat auditorium and partner lounges.

LASA's scope : Joint consultancy services to the project management team during design development and construction phases. 3D numerical modelling of internal acoustics and external sound propagation.

Le Boréal – Dunkirk (59)

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Completion : 2024 - 2028
Cost of works : €45 million
Architect : Hérault Arnod

Description : Arena-type performance venue with a capacity of 7,000 standing or 5,500 seated. The facility includes multi-purpose spaces (VIP lounges, boxes, etc.), a large concourse area enabling the setup of food and beverage stands and temporary installations, as well as dressing rooms, offices, and logistical back-of-house areas.

LASA's scope : Full acoustic and vibration engineering services as part of the project management team during design development and construction supervision phases.

Arena Tremblay – Le Colisée – Tremblay-en-France (93)

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Completion : 2022 - 2024
Cost of works : €60 million
Architect : DVVD Architectes

Description : Construction of a multi-purpose arena for sports and entertainment, including a main 7,000-seat hall, a secondary 2,000-seat indoor sports hall, a dance studio, partner lounges, and VIP boxes. The building features rammed earth walls and a high-performance multilayer roof designed for acoustic control.

Lasa's scope : Detailed design (execution phase) studies for the roofing system of the 7,000-seat main hall. Numerical modelling, acoustic studies, laboratory testing, and detailing development. Design review (VISA), construction supervision, and contractor support for the acoustic roof system and public address/emergency sound system.



Armand Cesari Stadium – Furiani (20)

Completion : 2023 - 2026

Cost of works : €6,7 million

Architect : A+ architecture

Description : Renovation of the open-air Ligue 2 stadium Stade Armand-Cesari, including extension of the covered stands, creation of a museum, a brasserie, a central kitchen, VIP lounges, and refurbishment of the locker rooms.

LASA's scope : Joint consultancy services to the project management team during the design development phase. Public address sound system design studies.

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Toulouse Stadium – Toulouse (31)

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Completion : 2013 - 2015

Architects : Atelier FERRET / Cardete & Huet

Description : Renovation of the Stadium de Toulouse for UEFA Euro 2016, aimed at improving spectator facilities and overall fan experience.

LASA's scope : 3D acoustic modelling of the stadium. Sound coverage mapping and speech intelligibility assessment for the public address and emergency sound system.

Mathon Stadium – Oyonnax (01)

Completion : 2015 - 2016

Description : Diagnostic and improvement study of the stadium's comfort sound system. Acoustic measurement campaign during match and non-match conditions. Mapping of sound coverage homogeneity.

LASA's scope : 3D acoustic modelling of the stadium and sound reinforcement system. Study and optimisation of improvement solutions. Mapping of performance gains and preparation of a synthesis report..

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Mathon Stadium – Oyonnax (01)

L'ingénierie
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Completion : 2015 - 2016

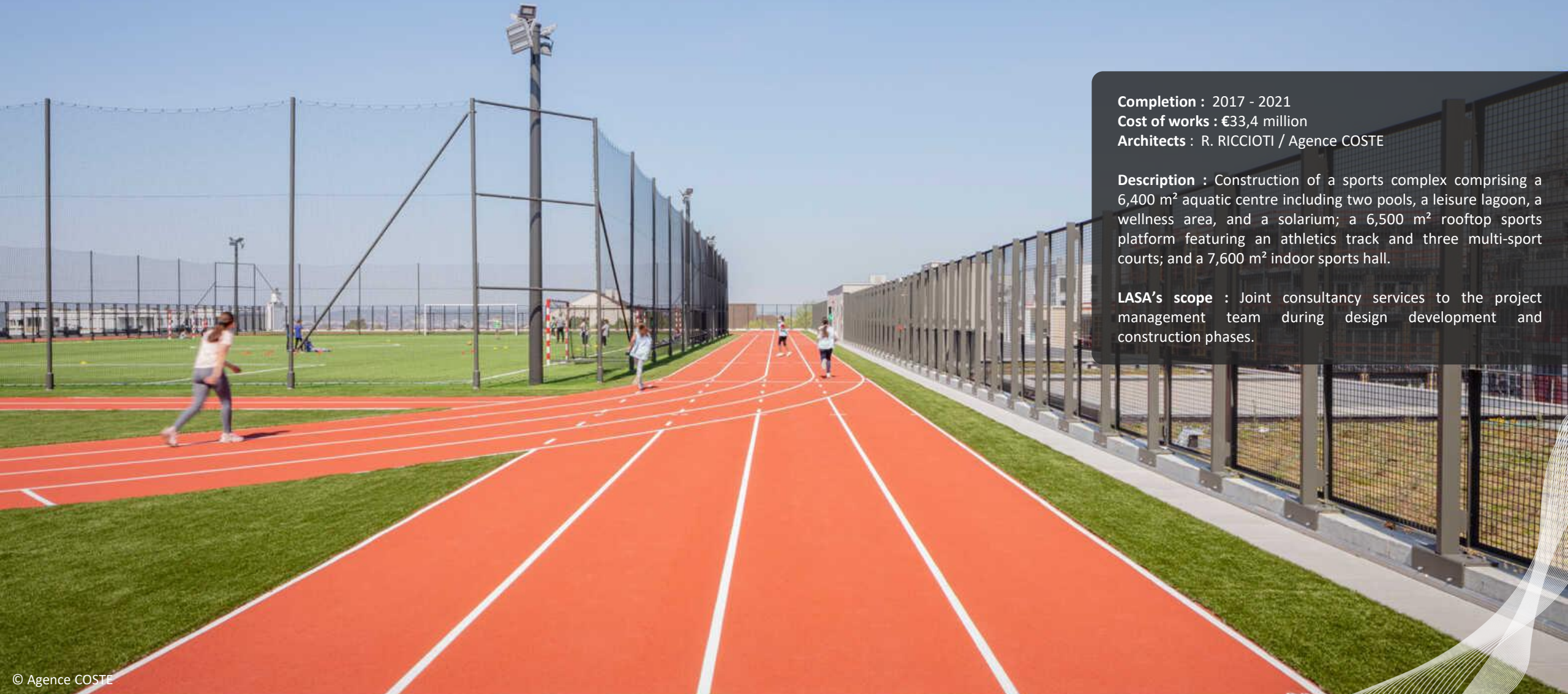
Description : Diagnostic and improvement study of the stadium's comfort sound system. Acoustic measurement campaign during match and non-match conditions. Mapping of sound coverage homogeneity.

LASA's scope : 3D acoustic modelling of the stadium and sound reinforcement system. Study and optimisation of improvement solutions. Mapping of performance gains and preparation of a synthesis report..



Arsenal Sports Complex – Rueil-Malmaison (92)

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Completion : 2017 - 2021

Cost of works : €33,4 million

Architects : R. RICCIOTI / Agence COSTE

Description : Construction of a sports complex comprising a 6,400 m² aquatic centre including two pools, a leisure lagoon, a wellness area, and a solarium; a 6,500 m² rooftop sports platform featuring an athletics track and three multi-sport courts; and a 7,600 m² indoor sports hall.

LASA's scope : Joint consultancy services to the project management team during design development and construction phases.

Velodrome Stadium – Marseille (13)

Completion : 2010 - 2014
Cost of works : €270 million
Architects : SCAU / ROGEON

Description : Construction of a 67,000-seat football stadium, including VIP and press areas, executive boxes, locker rooms, medical facilities, catering areas, and office spaces.

LASA's scope : Occasional technical assistance to the contractor during the construction phase: review of tender documents (partitions, structural slabs, and acoustic design report), critical assessment of airborne and impact sound insulation between spaces, recommendations for partition systems, impact noise calculations for floors, and related design guidance.

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Palais des Sports – Cholet (49)

L'ingénierie
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Completion : 2024 - 2024
Cost of works : €19,8 million
Architect : Hérault Arnod

Description : A multi-purpose main sports hall with a capacity of 6,000 seats, a training hall, and spectator facilities including an entrance hall, concourse areas, concession stands, restrooms, and stands. The project also includes locker rooms, technical rooms, and media facilities.

LASA's scope : Joint consultancy services to the project management team during the competition phase. NON-WINNING PROPOSAL.

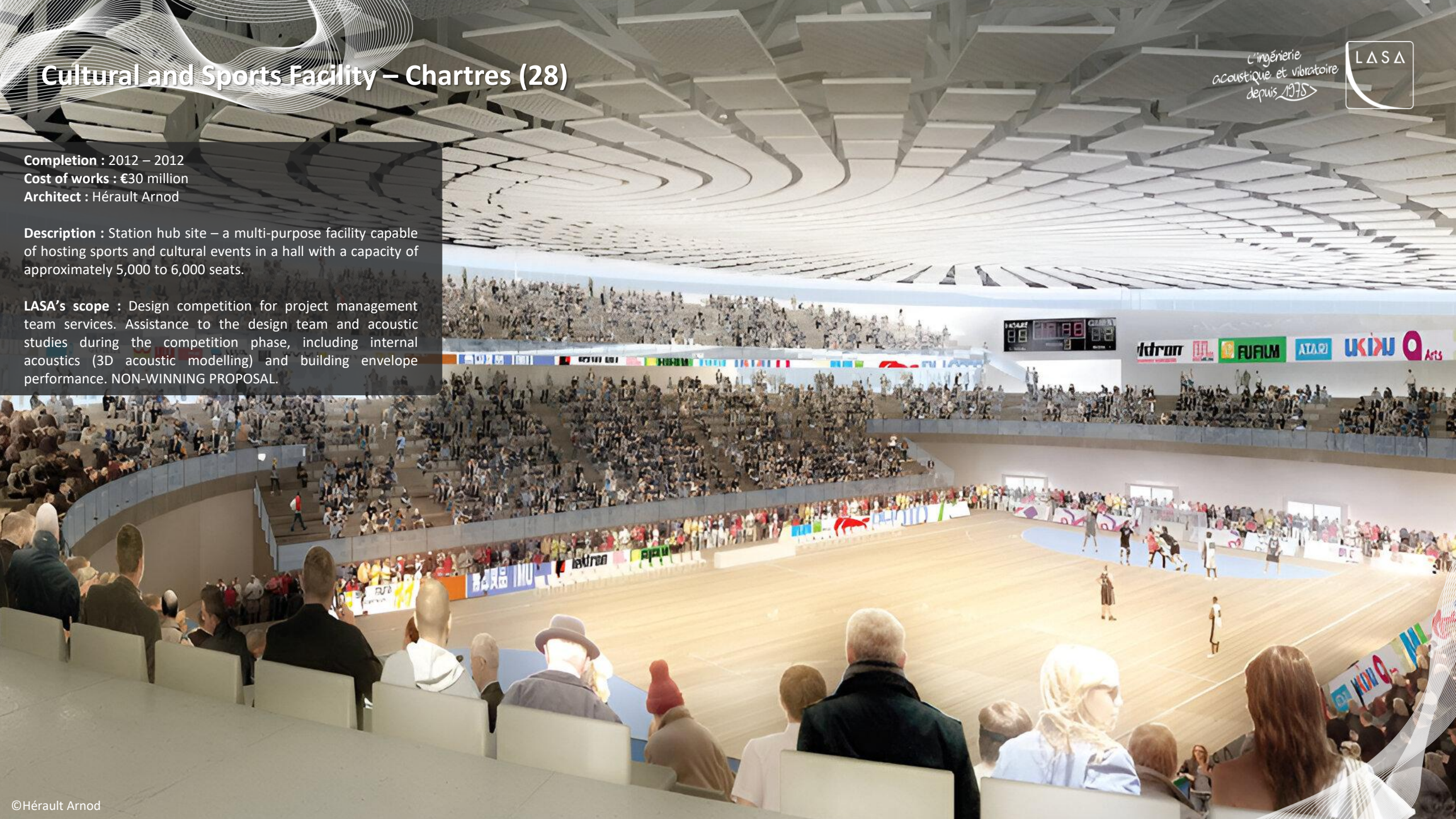
Cultural and Sports Facility – Chartres (28)

Completion : 2012 – 2012
Cost of works : €30 million
Architect : Hérault Arnod

Description : Station hub site – a multi-purpose facility capable of hosting sports and cultural events in a hall with a capacity of approximately 5,000 to 6,000 seats.

LASA's scope : Design competition for project management team services. Assistance to the design team and acoustic studies during the competition phase, including internal acoustics (3D acoustic modelling) and building envelope performance. NON-WINNING PROPOSAL.

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Sports and Entertainment Hall – Evreux (27)

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Completion : 2012 - 2012
Cost of works : €22,7 million
Architect : Hérault Arnod

Description : Large sports hall with a capacity of 3,500 seats, including warm-up and training rooms, reception areas, VIP boxes, locker rooms, and activity rooms.

LASA's scope : Design competition for project management team services. Assistance to the design team and acoustic studies during the competition phase, including internal acoustics and building envelope performance.
NON-WINNING PROPOSAL.



Athletics Hall – Miramas (13)

Completion : 2014 - 2014
Cost of works : €17 million
Architect : A+ Architecture

Description : Construction of an athletics hall, Arena type, with a capacity of 5,500 to 7,500 spectators depending on the configuration, for sporting events such as judo, handball, boxing, etc.

LASA's scope : Design-build competition. Technical assistance to the project management team (MOE) and studies during the competition phases. Study of the sound impact of the facility on the surrounding neighborhood. NON-WINNING PROPOSAL.

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Multifunctional Culture and Sports Facility – Trélazé (49)

Completion : 2011 – 2011
Cost of works : €15,3 million
Architect : PATRIARCHE & Co

Description : Construction of a multifunctional facility comprising a modular main hall, a secondary hall, and spaces for artists, athletes, and various other uses.

LASA's scope : Sketch-level competition. Technical assistance to the project management team (MOE) and acoustic studies during the competition phase. NON-WINNING PROPOSAL.

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Bauer Stadium – Unik – Saint-Ouen (93)

Completion : 2019 – 2019

Architect : Chabanne

Description : Development of the Sports Arena including the reconstruction of the Bauer Stadium (15,000 seats), interchangeable boxes that can be converted into coworking spaces, and a 30,000 m² leisure area over two levels (diving pit, indoor lake, climbing facilities, etc.).

LASA's scope : Technical acoustic assistance to the client (MOA) during the competition phase. Participation in the competition submission.. NON-WINNING PROPOSAL.

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Bordeaux Stadium – Bordeaux (33)

Completion : 2011 - 2011

Cost of works : €165 million

Architect : Atelier FERRET Architecture

Description : Design-build project for the Bordeaux Grand Stadium.

LASA's scope : Design-build competition. Acoustic studies during the competition phase: 3D acoustic modelling of the stadium. Environmental noise impact study. Optimization of roof coverage solutions.
NON-WINNING PROPOSAL.

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Stade des Lumières – OL Land – Décines-Charpieu (69)

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Completion : 2011 – 2011
Cost of works : €450 million
Architect : Populous

Description : Design-build project for the Olympique Lyonnais Grand Stadium.

LASA's scope : Design-build competition. Support to the contractor and the project management team (MOE) during the competition phase. Analysis of stadium noise impact on the surrounding environment and assessment of internal stadium acoustics. Finalist team – NON-WINNING PROPOSAL.

Arsenal Sports Complex – Rueil-Malmaison (92)

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Completion : 2017 - 2021

Cost of works : €33,4 million

Architects : R. RICCIOTI / Agence COSTE

Description : Construction of a sports complex including a 6,400 m² aquatic center: 2 pools, a water lagoon, a wellness area, and a sunbathing deck; a 6,500 m² rooftop sports platform (athletics track, 3 multi-sport fields); and a 7,600 m² gymnasium.

LASA's scope : Full project management (MOE) services in joint contracting during the design and construction phases.

Aquatic Centre « Forme D'o » – Châtel (74)

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Completion : 2009 - 2014
Cost of works : €13,7 million
Architect : PARTNER LINE Architectes

Description : Construction of a water leisure center including 700 m² of water surface, 1,680 m² of recreational and sports areas, and 1,197 m² of wellness and fitness facilities.

LASA's scope : Project management (MOE) services during both the design and construction phases of the project.

Molitor Swimming Pool – Paris (75)

Completion : 2009 - 2014
Cost of works : €46 million
Architects : Derbesse / Rougerie / Perrot

Description : Renovation of the Molitor swimming pool (1929), a listed historic monument (2 pools including one indoor), and development of a luxury hotel, spa, restaurant, and meeting rooms. The project involved vibration issues due to its proximity to metro line 10 (16th arrondissement).

LASA's scope : Technical assistance mission during both the design and construction phases of the project.

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Swimming City « Dauphins du TOEC » – Toulouse (31)

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Completion : 2021 - 2025

Cost of works : €18 million

Architect : Viguier

Description : Renovation of a swimming club. The facility was reorganized into four areas: health, leisure (restaurant, amphitheater), training (classrooms), and sports (one learning pool, one 25 m indoor pool, and one 50 m outdoor pool).

LASA's scope : Full project management (MOE) mission. Diagnostic measurement campaign and acoustic design report.



People Connect – Grenoble (38)

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Completion : 2020 - 2025
Cost of works : €25,8 million
Architects : Hardel et Le Bihan

Description : Mixed-use development including a 4-star hotel with 100 rooms, a co-living residence, a co-working space, and a sports and leisure center with swimming pool, spa, and fitness facilities. The project also includes two restaurants/bars and a concert hall.

LASA's scope : Full technical assistance to both the project management team (MOE) and the client (MOA) during the design and construction phases. Initial acoustic and vibration measurements and 3D acoustic modelling.

Mendes France Aquatic Center – Saint-Priest (69)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2022 - 2022

Cost of works : €9 million

Architect : MOON SAFARI

Description : Extension of the existing swimming pool, including two new pools: a sports pool and a pool dedicated to aquatic activities such as aquabiking and aqua aerobics.

LASA's scope : Design-build competition: technical assistance to the project management team (MOE) and acoustic studies during the competition/bid phase. Internal acoustic study.
NON-WINNING PROPOSAL.

Mendes France Aquatic Center – Saint-Priest (69)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2022 - 2022

Cost of works : €9 million

Architect : MOON SAFARI

Description : Extension of the existing swimming pool, including two new pools: a sports pool and a pool dedicated to aquatic activities such as aquabiking and aqua aerobics.

LASA's scope : Design-build competition: technical assistance to the project management team (MOE) and acoustic studies during the competition/bid phase. Internal acoustic study.
NON-WINNING PROPOSAL.

Bougainville Swimming Pool – Marseille (13)

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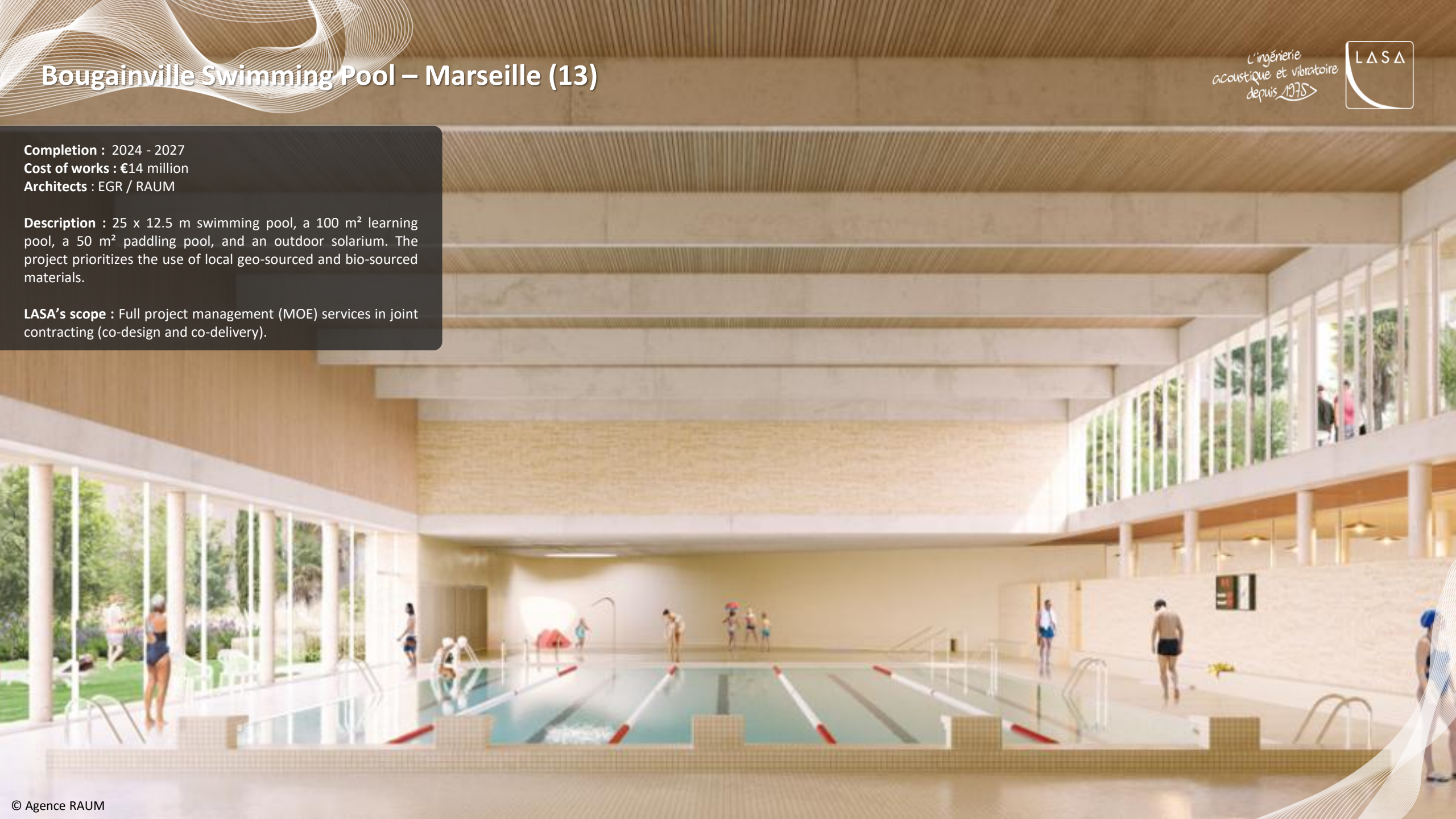
Completion : 2024 - 2027

Cost of works : €14 million

Architects : EGR / RAUM

Description : 25 x 12.5 m swimming pool, a 100 m² learning pool, a 50 m² paddling pool, and an outdoor solarium. The project prioritizes the use of local geo-sourced and bio-sourced materials.

LASA's scope : Full project management (MOE) services in joint contracting (co-design and co-delivery).



Jean Maret Municipal Swimming Pool – Vence (06)

Completion : 2024-2027

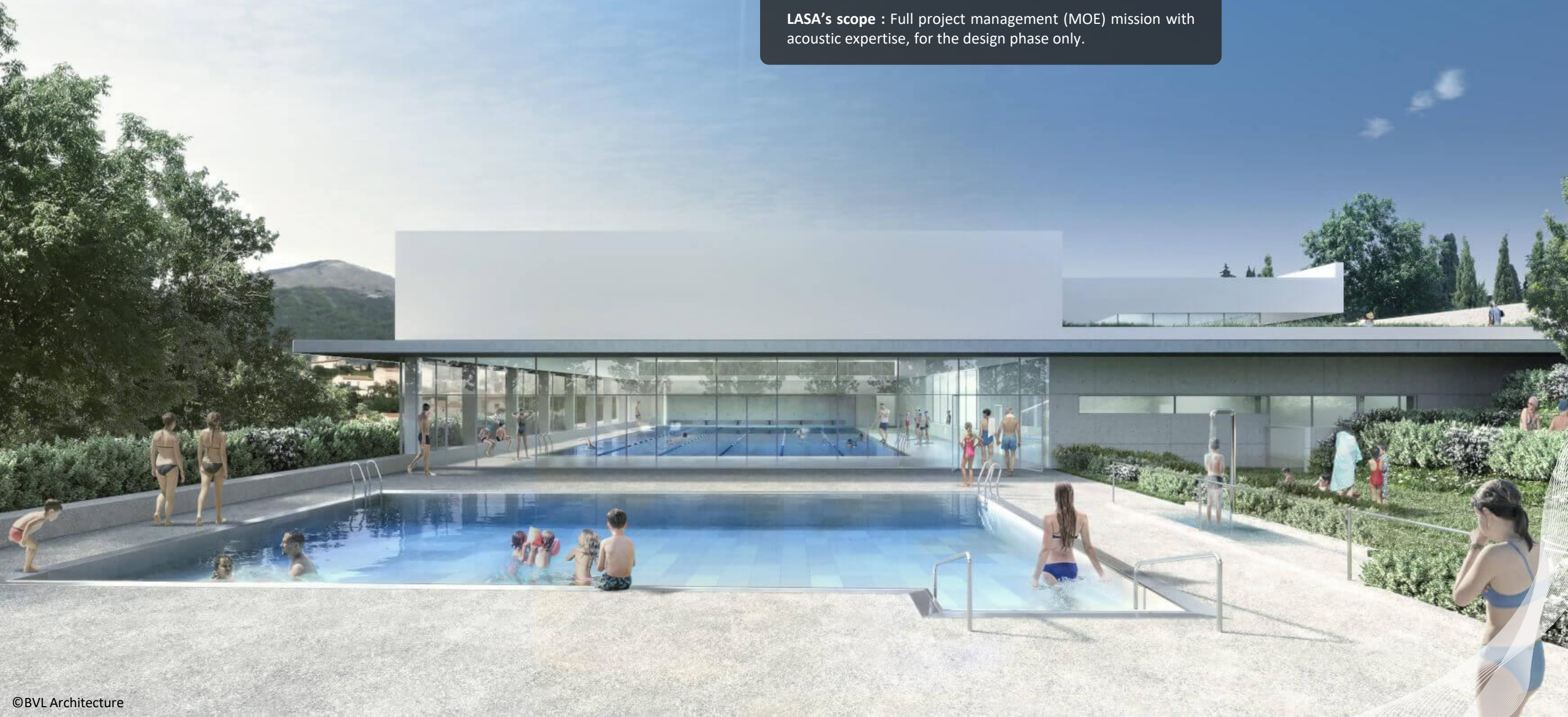
Cost of works : €5 million

Architects : BVL Architecture et MSA

Description : Full renovation project of the Vence swimming pool, including covering the main pool and creating a leisure pool with outdoor beach areas.

LASA's scope : Full project management (MOE) mission with acoustic expertise, for the design phase only.

*L'ingénierie
acoustique et vibratoire
depuis 1978*



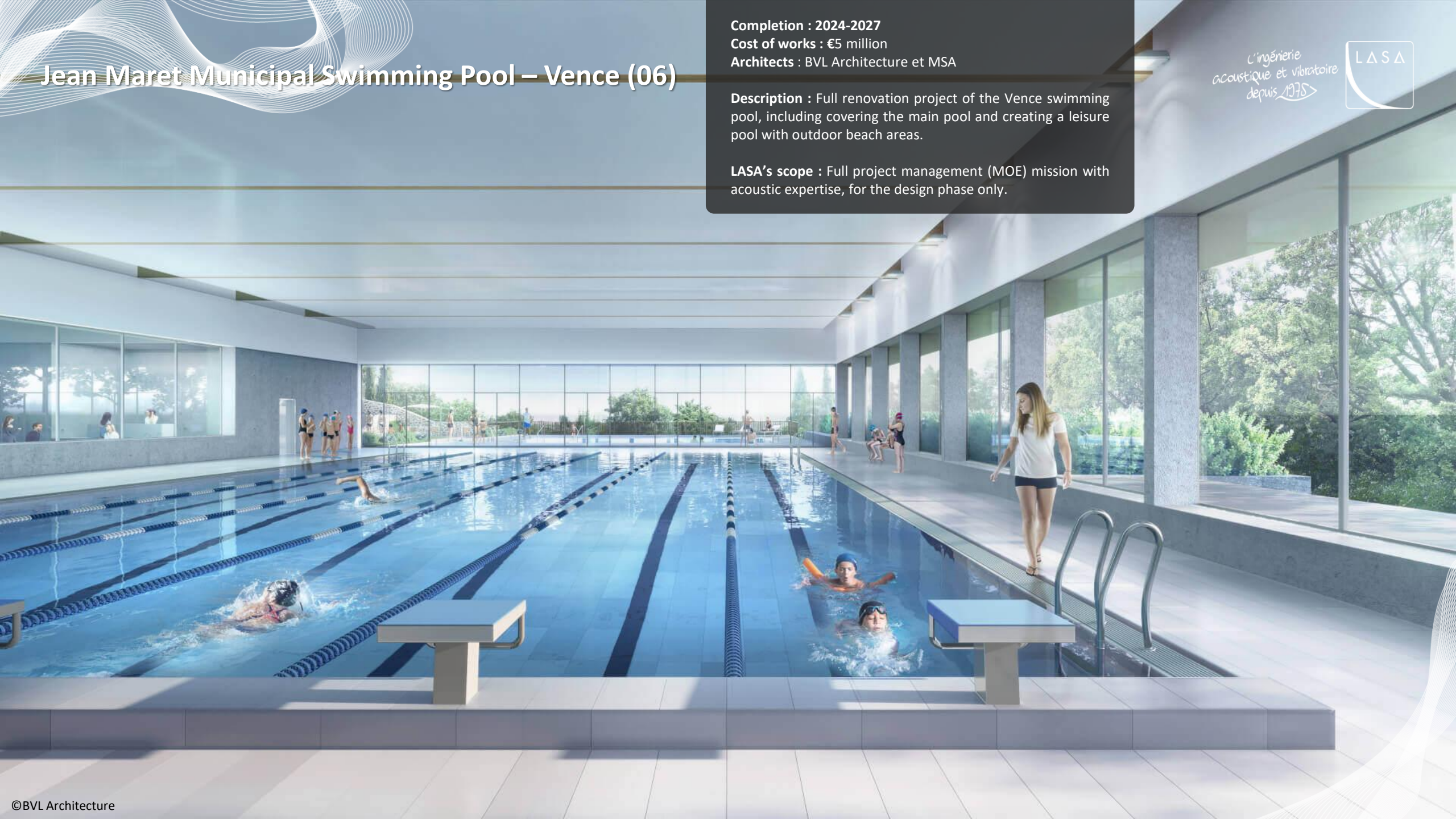
Jean Maret Municipal Swimming Pool – Vence (06)

Completion : 2024-2027
Cost of works : €5 million
Architects : BVL Architecture et MSA

Description : Full renovation project of the Vence swimming pool, including covering the main pool and creating a leisure pool with outdoor beach areas.

LASA's scope : Full project management (MOE) mission with acoustic expertise, for the design phase only.

*L'ingénierie
acoustique et vibratoire
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Le Luc Swimming Pool - Provence

Completion : 2025-2028
Cost of works : €7,3 million
Architects : BVL et MSA

Description : Complete renovation of the Le Luc swimming pool in Provence, including the enclosure of the main pool, along with the creation of a leisure pool and outdoor deck areas.

LASA's scope : Full design consultancy services (acoustic engineering expertise) for the design phase only.

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Le Luc Swimming Pool – Provence

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2025-2028
Cost of works : €7,3 million
Architects : BVL et MSA

Description : Complete renovation of the Le Luc swimming pool in Provence, including the enclosure of the main pool, along with the creation of a leisure pool and outdoor deck areas.

LASA's scope : Full design consultancy services (acoustic engineering expertise) for the design phase only.

Val d'Europe Aquatic Complex – Bailly Romainvilliers (77)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2007 - 2012
Cost of works : €9 million
Architects : Marc MIMRAM / PO&PO

Description : Aquatic complex including two pools (one of which is a 525 m² competition pool, 25 meters long with 8 lanes), water slides, individual and group changing rooms, and lifeguard facilities.

LASA's scope : Full project management services (design and build) in joint venture (acoustic engineering expertise).

Marne et Gondoire Aquatic Centre – Lagny-sur-Marne (77)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2008 - 2008

Cost of works : €8,4 million

Architect : Marc MIMRAM

Description : Aquatic complex comprising four pools, a clubhouse, individual and group changing rooms, lifeguard facilities, and administrative offices.

LASA's scope : Full project delivery services (design and build) in joint venture, providing acoustic engineering expertise.

Aquajade Aquatic Complex – Saint-Brevin-les-Pins (44)

L'ingénierie
acoustique et vibratoire
depuis 1975



Completion : 2007 - 2007
Cost of works : €7,2 million
Architect : Marc MIMRAM

Description : Aquatic complex including two pools (one of which is a 400 m² competition pool, 25 meters long with 6 lanes), a water slide, a clubhouse, individual and group changing rooms, lifeguard facilities, and a fitness room.

LASA's scope : Full project delivery (design and build) in joint venture, with acoustic engineering expertise.

Roucas Blanc Nautical Stadium – Marseille (13)

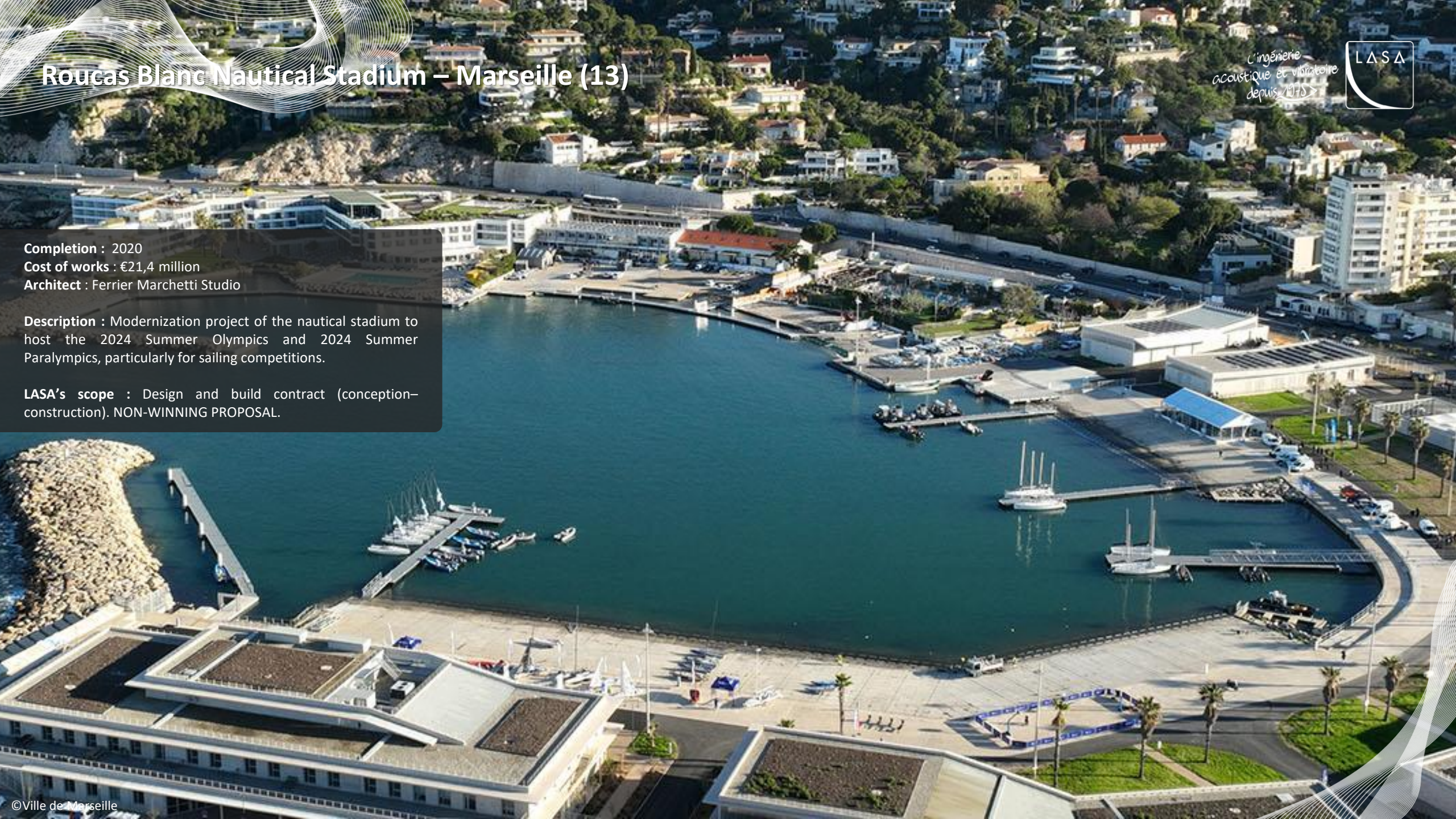
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Completion : 2020
Cost of works : €21,4 million
Architect : Ferrier Marchetti Studio

Description : Modernization project of the nautical stadium to host the 2024 Summer Olympics and 2024 Summer Paralympics, particularly for sailing competitions.

LASA's scope : Design and build contract (conception–construction). NON-WINNING PROPOSAL.



Arsenal Sports Complex – Rueil-Malmaison (92)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2017 - 2021

Cost of works : €33,4 million

Architects : R. RICCIOTI / Agence COSTE

Description : Construction of a sports complex including a 6,400 m² aquatic centre (two pools, a water lagoon, wellness area, and solarium), a 6,500 m² rooftop sports deck (athletics track and three multi-sport courts), and a 7,600 m² gymnasium.

LASA's scope : Full project management services in joint venture, covering both design and construction phases, with acoustic engineering expertise.

Pinard Multi-Facility Complex — Paris (75)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2019 - 2025

Cost of works : €19,8 million

Architect : Chartier Dalix

Description : Rehabilitation of the PINARD building within the emblematic historic site of the Saint-Vincent-de-Paul block (former maternity hospital), converted into a shared-use facility including a daycare centre (66 cribs), a primary school (8 classrooms), a Type B gymnasium, and shared spaces.

LASA's scope : Full project management services, providing acoustic engineering expertise.



Alexandra David-Neel Sports Complex – Villeurbanne (69)

L'ingénierie
acoustique et vibratoire
depuis 1978



Completion : 2015 - 2020
Cost of works : €6,1 million
Architects : ANMA / AA Group

Description : As part of the reconstruction of the Brossolette high school, construction of a multipurpose municipal sports complex comprising a 1,600 m² main hall with a 9-metre-high climbing wall, a 600 m² semi-specialised hall, and an outdoor basketball court.

LASA's scope : Joint design team project management, covering design phase, construction supervision, and commissioning measurements, with acoustic engineering expertise.

Alexandra David-Neel Sports Complex – Villeurbanne (69)

L'ingénierie
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Completion : 2015 - 2020
Cost of works : €6,1 million
Architects : ANMA / AA Group

Description : As part of the reconstruction of the Brossolette high school, construction of a multipurpose municipal sports complex comprising a 1,600 m² main hall with a 9-metre-high climbing wall, a 600 m² semi-specialised hall, and an outdoor basketball court.

LASA's scope : Joint design team project management, covering design phase, construction supervision, and commissioning measurements, with acoustic engineering expertise.



Middle school – Le Pian-Médoc (33)

Completion : 2019 - 2022

Cost of works : €21 million

Architects : BPM Architectes / Eric WIRTH

Description : Construction of an 800-pupil middle school composed of six buildings, including classrooms, administrative offices, a media library (CDI), a gymnasium, a cafeteria, and staff housing. The project features a timber-structure gymnasium and a wood-fired boiler plant. Full BIM delivery.

LASA's scope : MPPG contract – full project management services across design, construction, and commissioning phases, with acoustic engineering expertise.

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Alexandre Fleming Gymnasium – Sassenage (38)

Completion : 2008 - 2012

Cost of works : €4 million

Architects : R2K Architectes

Description : Reconstruction of the gymnasium, including a 1,219 m² team sports hall, a 325 m² multi-purpose hall, six changing room/shower blocks, offices, a caretaker's room, and a medical room.

LASA's scope : Joint design team project management, providing acoustic engineering expertise during the design phase.

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Gymnasium - Les Arcs – Var (83)

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Completion : 2021 - 2024
Cost of works : €2,3 million
Architect : BBG Architecte

Description : Construction of a gymnasium for J. Prévert Middle School, comprising a large activity hall and ancillary facilities.

LASA's scope : Design-stage project management, including construction supervision and commissioning measurements, with acoustic engineering expertise.

Gymnasium - Roquebrune – Var (83)

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Completion : 2021 - 2024

Cost of works : €2,3 million

Architect : Nicolas GUILLEN

Description : Construction of a gymnasium for Collège Cabasse, comprising a large activity hall and ancillary facilities.

LASA's scope : Design-stage project management, including construction supervision and commissioning measurements, with acoustic engineering expertise.

"Lysière" – E4N Block, Confluence ZAC – Lyon Confluence (69)

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Completion : 2023 - 2023

Architects : Lieux FAUVES / Dietrich Untertrifaller

Description : Mixed-use development comprising a student residence, offices dedicated to the circular economy, and a gymnasium, located on block E4N of the Confluence development area in close proximity to railway tracks.

LASA's scope : Acoustic and vibration analysis during the tender phase, assessment of programme sensitivity to railway-induced vibrations, feasibility study on natural ventilation, and vibration protection strategies. NON-WINNING PROPOSAL.



Cime - Sports and Climbing Facility – Rosières-Près-Troyes

Completion : 2020
Cost of works : €11,5 million
Architect : Hérault Arnod

Description : Construction of a sports hall featuring an international-standard artificial climbing structure (lead, bouldering, and speed disciplines), a multi-sport court primarily dedicated to high-level para-sport practice, as well as changing rooms and office spaces.

LASA's scope : Design competition (project management consultancy), with acoustic engineering expertise.
NON-WINNING PROPOSAL.

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Nef Arena – Ile des Vannes – Saint-Denis (93)

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Completion : 2020 - 2023
Architects : Hérault Arnod

Description : Feasibility study for the conversion of the historic NEF building with the aim of hosting major sports, cultural, and corporate events, as well as conferences. The proposed arena would accommodate up to 4,950 spectators.

LASA's scope : Feasibility study on strengthening the acoustic insulation of the building envelope and internal acoustic comfort. Acoustic modelling of different usage scenarios, optimisation studies, and assessment of potential noise impact on surrounding neighbourhoods. PROJECT NOT PURSUED.

Saint-Exupéry School Complex – Fresnes (94)

L'ingénierie
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Completion : 2007 - 2012
Cost of works : €18 million
Architects : Daquin & Ferrière

Description : School complex comprising nursery, primary, and middle school facilities. It includes two indoor sports halls (a 600 m² sports hall and a 300 m² gymnasium), as well as a 600 m² outdoor activity court.

LASA's scope : Design and construction-phase assistance to the project management team, with acoustic engineering expertise.

Paul Serelle School Complex — Noisy-le-Grand (93)

L'ingénierie
acoustique et vibratoire
depuis 1978

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Completion : 2020 – 2025

Cost of works : €4,7 million

Architects : HEMAA ARCHITECTES

Description : Refurbishment and extension of the Paul Serelle school complex, including a multipurpose hall and dining areas. Works carried out on an occupied site.

LASA's scope : Technical assistance during design and construction supervision, with acoustic engineering expertise.

Le Haillan Middle School – Le Haillan (33)

Completion : 2019 - 2022
Cost of works : €20 million
Architects : Atelier Mazières

Description : Construction of an 800-pupil middle school comprising classrooms, dining facilities, a gymnasium, outdoor sports areas, and staff housing.

LASA's scope : Full acoustic engineering consultancy as part of the project management team, covering both design and construction phases.

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Marsas Middle School – Haute Gironde – Marsas (33)

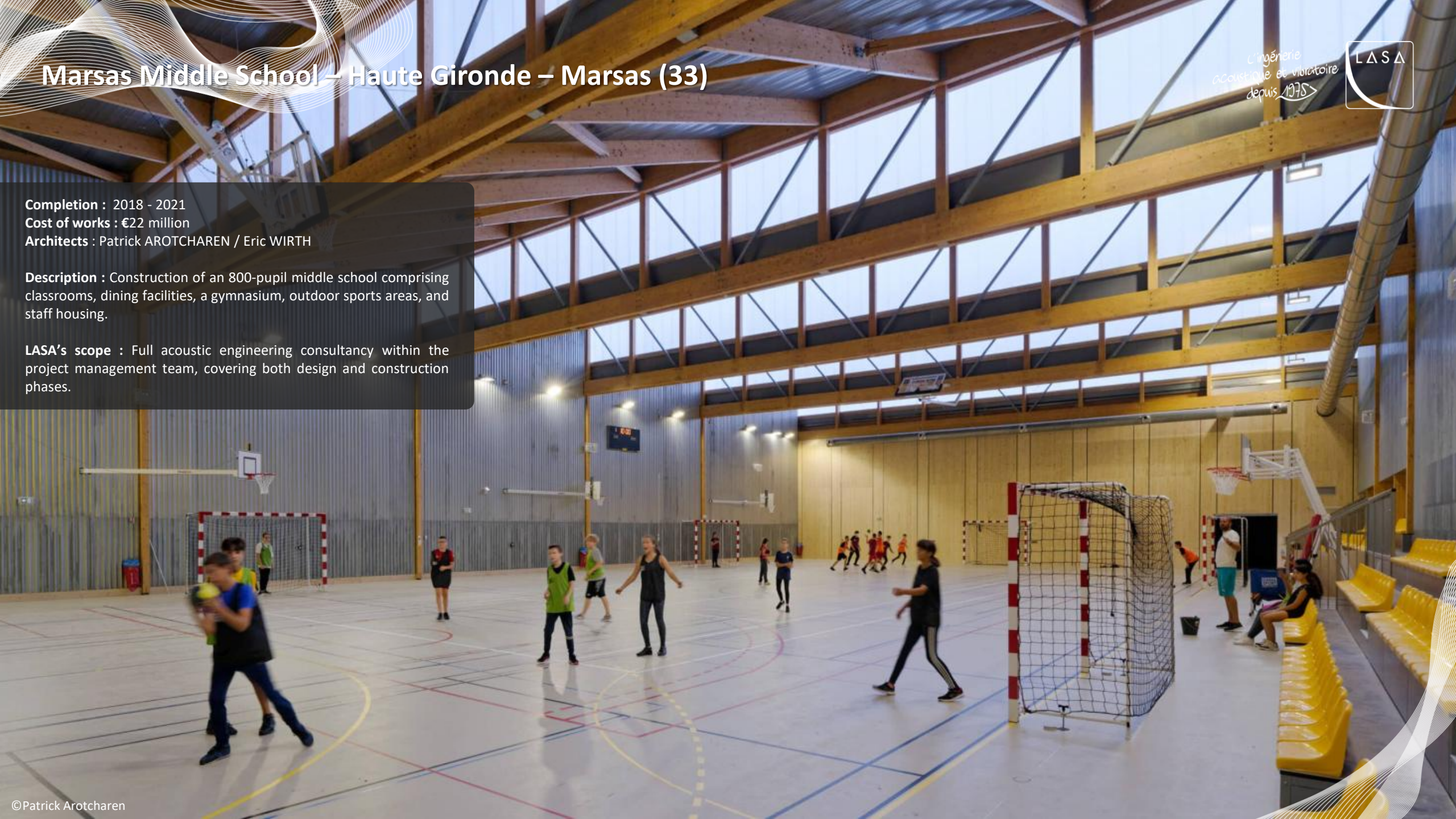
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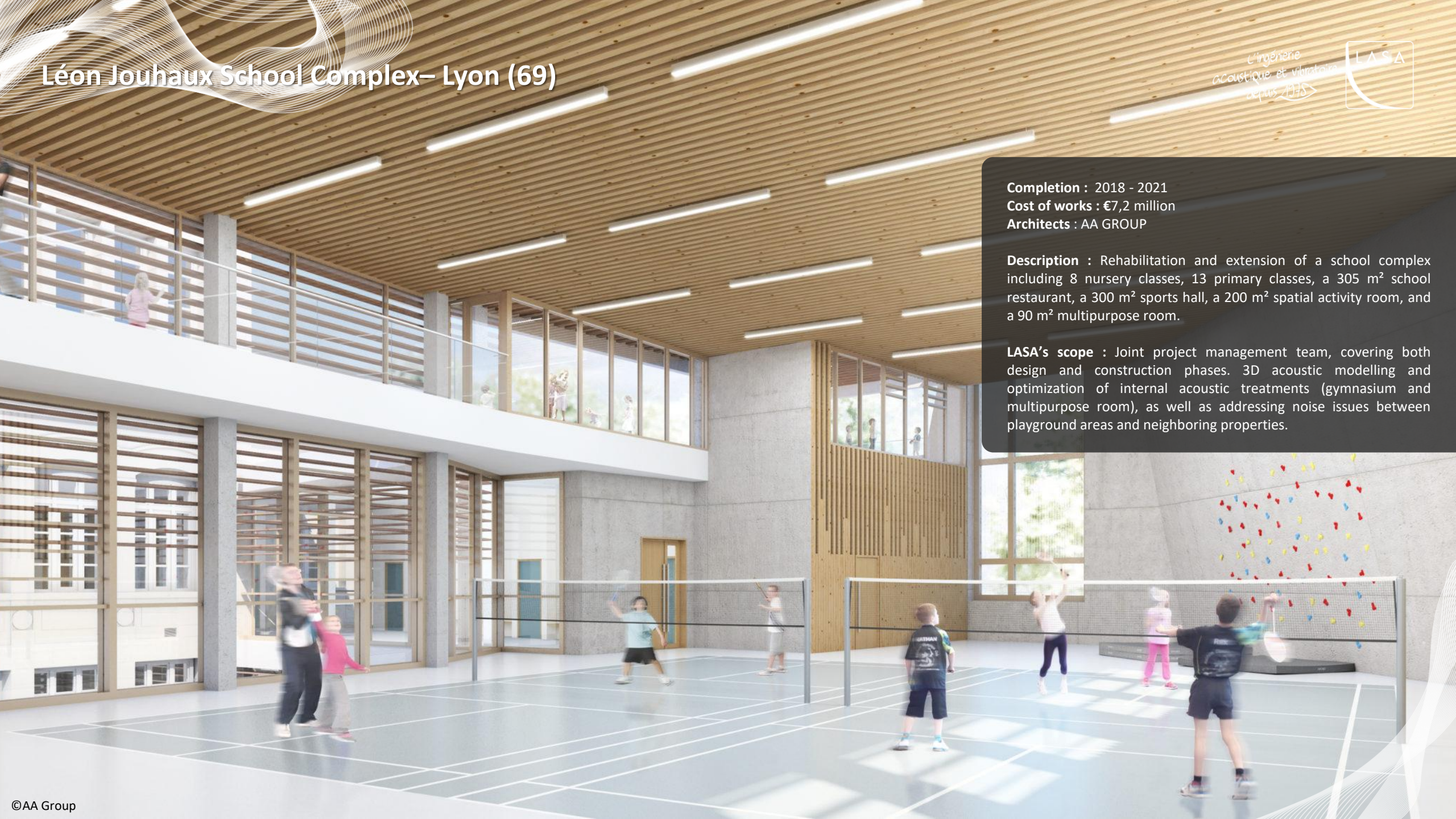


Completion : 2018 - 2021
Cost of works : €22 million
Architects : Patrick AROTCHAREN / Eric WIRTH

Description : Construction of an 800-pupil middle school comprising classrooms, dining facilities, a gymnasium, outdoor sports areas, and staff housing.

LASA's scope : Full acoustic engineering consultancy within the project management team, covering both design and construction phases.





Léon Jouhaux School Complex– Lyon (69)

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LASA

Completion : 2018 - 2021
Cost of works : €7,2 million
Architects : AA GROUP

Description : Rehabilitation and extension of a school complex including 8 nursery classes, 13 primary classes, a 305 m² school restaurant, a 300 m² sports hall, a 200 m² spatial activity room, and a 90 m² multipurpose room.

LASA's scope : Joint project management team, covering both design and construction phases. 3D acoustic modelling and optimization of internal acoustic treatments (gymnasium and multipurpose room), as well as addressing noise issues between playground areas and neighboring properties.

©AA Group



LASA's scope : Joint project management team, covering both design and construction phases. 3D acoustic modelling and optimization of internal acoustic treatments (gymnasium and multipurpose room), as well as addressing noise issues between playground areas and neighboring properties.

Scientific High School of Boulogne Billancourt – Boulogne-Billancourt (92)

L'ingénierie
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Completion : 2015 - 2019
Cost of works : €22,8 million
Architects : MIKOU DESIGN STUDIO

Description : New-build secondary school for 800 students, dedicated to scientific and post-secondary education. The programme includes classrooms and practical teaching spaces, dining facilities, a multipurpose hall, a gymnasium, staff housing, administrative offices, and a car park.

LASA's scope : Full project management services as a subcontractor, covering design, construction, and commissioning phases, with acoustic engineering expertise.



Bowling Centre – Béziers (34)

L'ingénierie
acoustique et vibratoire
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Completion : 2010 - 2010
Architect : ERIC MORVAN CONCEPCION SL

Description : Development of a new bowling centre in Béziers Rive Gauche.

LASA's scope : Technical assistance during both design and construction phases of the project, with acoustic engineering expertise.

