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ABAC

ABAC INGENIERIE GROUP

BUILDING ENGINEERING CONSULTING FIRM

MEP, FIRE PROTECTION, STRUCTURAL ENGINEERING

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OVERVIEW

HISTORY

1994: Founding of ABAC INGENIERIE
2000: ISO 9001 Quality Management System
2008: Acquisition of ETTA - ETBA
2016: OPQIBI certification
2021: Acquisition of the BRIERE Engineering Firm

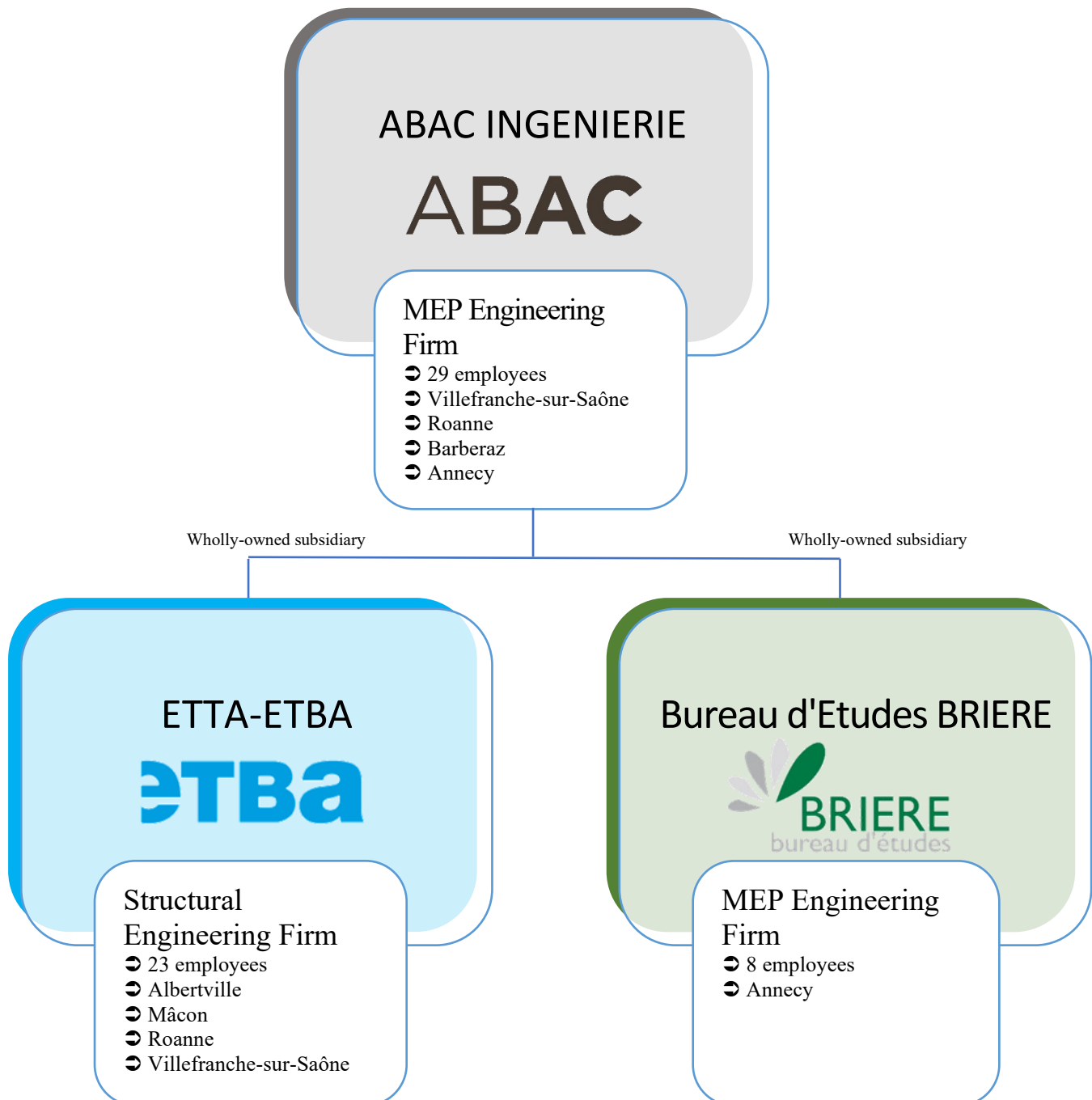
ORGANIZATION AND RESOURCES

60 employees, including 29 engineers and project managers
€7 million in consolidated revenue by 2025

SERVICE AREAS

France, Switzerland, Italy, Spain, Mauritius, Senegal

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TECHNICAL EXPERTISE FOR YOUR PROJECTS BUSINESS ACTIVITIES

o ELECTRICAL ENGINEERING AND FIRE PROTECTION SYSTEMS

- **High-voltage electrical systems:**
Power distribution, artificial lighting, photovoltaics, design and installation.
- **Low-Voltage Electrical Systems**
Computer networks, telephony, fire protection systems, automation, home automation, building management systems
- **Fire Safety Systems Coordination**

o HVAC ENGINEERING

Installation of complex heating, ventilation, and air conditioning systems; design and implementation.

o PLUMBING AND SANITARY ENGINEERING

System design, Legionella control, solar energy generation, design and implementation.

o THERMAL ENGINEERING AND ENERGY EFFICIENCY

Thermal performance of projects, energy feasibility studies, thermal calculations, dynamic thermal simulations

o WATER TREATMENT / SWIMMING POOLS

Water treatment for public and private swimming pools and associated facilities (spas, steam rooms, hot tubs), expert assessments, design, and construction.

o UTILITY NETWORKS / ROAD AND UTILITY INFRASTRUCTURE

Simple connection and service networks, retention basins

o STRUCTURAL ENGINEERING

Design and calculation of concrete, wood, and steel structures for design, construction, and expert assessment.

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AREAS OF EXPERTISE

PROJECT MANAGEMENT

Project definition, needs analysis, preparation of specifications and project plans, contractor consultation and bid evaluation, management of interfaces between trade areas, preparation of construction drawings, and project cost management.

FIRE PROTECTION COORDINATION

Carrying out fire safety coordination tasks in accordance with regulations (NF S61-931 and NF S61-932).

THERMAL STUDIES

Regulatory studies and energy optimization studies.

INTEGRATION TEAM

Development of project implementation studies, coordination of the synthesis team, and preparation of synthesis plans.

EXPERT ASSESSMENT AND DIAGNOSTICS

Assessment of structural defects or building conditions; recommendations for preventive and corrective measures; energy audits and energy-saving measures.

HQE ANALYSIS

Integration of HQE requirements into projects, particularly with regard to energy efficiency.

TWO SPECIALIZATIONS: THE HOSPITALITY INDUSTRY AND MOUNTAIN RESORTS

ABAC INGENIERIE specializes in high-end hotels and mountain resorts:

CLUB MED RESORTS

CLUB MED VALMOREL (€85 million) – 4 Tridents / 5-Trident area – 2012
CLUB MED VAL THORENS (€55 million) – 4 Tridents – 2014
CLUB MED SAMOENS-GRAND MASSIF (€60 million) – 4 Tridents – 2017
CLUB MED ARC 1600 PANORAMA (€80 million) – 4 Tridents / 5-Trident area – 2018
CLUB MED ALPE D'HUEZ LA SARENNE (€60 million) – 4 Tridents / 5-Trident Zone – 2019
CLUB MED LA ROSIERE (€65 million) – 4 / 5 Tridents – 2020
CLUB MED PEISEY VALLANDRY (€22 million) - 4 Tridents – 2022
CLUB MED VAL D'ISÈRE (€37 million) – 4 Tridents – 2022
CLUB MED TIGNES VAL CLARET (€91 million) – 4 Tridents – 2022
CLUB MED LA ROSIERE 5T (€20 million) – 5 tridents – 2023
CLUB MED LA PLAGNE (€66.5M) – 4 Tridents – currently under study

CLUB MED ALBION (MAURITIUS) (€18 million) – 5 tridents – 2016
CLUB MED OPIO CANNES (€17 million) – 4/5 tridents – 2017
CLUB MED MALAGA (Spain) (€60 million) – Preliminary studies – 2018
CLUB MED LA POINTE AUX CANONNIERS (MAURITIUS) (€35 million) – 4 tridents – 2018
CLUB MED CAP SKIRRING (SENEGAL) (€35 million) – 4 tridents – 2018 / under construction
CLUB MED ESSAOUIRA (MOROCCO) – Preliminary studies – in progress

HOTEL INDUSTRY

"Dolce" Hotel in Annecy (€20 million) – 4 stars – 2016
"L'Avancher" Hotel in Val d'Isère (€9 million) - 4-star – 2018
"La-haut" Hotel in Avoriaz (€9 million) – 4 stars – 2019
"Pure Valley" Hotel in Les Menuires (€15 million) – 200 rooms – 4-star – 2022
"Les Aiglons" Hotel – Chamonix (€3 million) – 4-star – 2024
"Le Morgane" Hotel in Chamonix (€5 million) – 4-star – currently under construction
"La SETAZ" Hotel (120 rooms) in Valloire – 4-star – under construction
"M Gallery" Hotel – Valmorel (€50 million) – under construction
"Mont Vallon" Hotel in Méribel (€50 million) – 5-star – in the planning stage
"La Folie Douce" Hotel in Courchevel – 4-star (€38 million) – preliminary design studies scheduled for 2023 – project on hold
"Confidentiel" Hotel in Courchevel (€100 million) – luxury hotel – in the planning phase
"Sivolière" Hotel in Courchevel (€40 million) – 5-star – in the planning phase
"Le Bellecôte" Hotel in Courchevel (€45 million) – 4-star – in the planning stages
"Chuguet" Hotel in Annecy (€13 million) – 5-star – in the planning stage
"Black Bass" Hotel in Annecy (€3 million) – in the planning stages
"Alpimezzo" Hotel in Les 2 Alpes (€35 million) – 4-star – in the planning stages
"Hillary" Hotel – Les Menuires (€30 million) – in the planning stages
"Les Tilleuls" Hotel – Saint Jorioz 74 (7 M€) - in the planning stages
Hôtel de la Croix Blanche – Chamonix (€15 million) – in the planning stages

"Radisson Blu" Hotel – Part-Dieu Tower in Lyon (€38 million) – 4-star – 2016
"Les 7 Fontaines" Hotel in Tournus (€12 million) – 4 stars – 2017
"Rue de Nancy" Hotel in Paris – 4-star – 2019
"La Voile D'or" Hotel in Saint-Jean-Cap-Ferrat (€80 million) – 5 stars – planning 2018–2020
"Mas de Chastelas" Hotel in Gassin – Saint-Tropez (€25 million) – 4-star – under construction
"AREV" Hotel in Saint-Tropez – 4-star (€10 million) – under construction
"Tête d'Or" Hotel in Lyon (€2.5 million) – in the planning stage
"Hôtel de la Charpinière" in Saint-Galmier 42 (€10 million) – in the planning stage

MOUNTAIN TOURIST RESIDENCES

“Le Montana” Plein Sud in Val Thorens – 2016
“Les Cinq Sens” in La Chapelle d'Abondance – 2017
“Le Cairn” – Les Arcs, Bourg-Saint-Maurice – 2018
“Caseblanche” in Saint-Martin de Belleville - 2019
“Le Ridge” Arc 1600 – Bourg-Saint-Maurice – 2019
“L'Alpamajor” in Courchevel – 2022
“L'Ecrin des neiges” in Valmorel (€26M) – 2022
“Le K2” in Saint-Martin-de-Belleville (€5 million) - 2023
“Le Roc” in Valmorel (€7M) – under construction
“Vars 2000” - under construction
“Moriond Vacation Center” in Courchevel (€10M) – in the planning stages
“UCPA Val d'Isère” (€16M) – in the planning stage
“UCPA Valcenis” (€11.5M) – in the planning stage

PIERRES ET VACANCES RESIDENCES

Pierre et Vacances Avoriaz 4-Star Lifestyle Hotel (€30 million) – 190 rooms – Design phase: 2018
Pierre et Vacances AIME 2000 Lot A 4-Star Lifestyle Hotel (€26 million) – 180 rooms – Planning studies 2022
4* Aime 2000 B Residence (in progress)
“L'Hevana” in Méribel-les-Allues (€35 million) – 2020

Club Med La Pointe aux Canonniers Hotel
Architect: Jean-Michel d'Unienville



Club Med Hotel in Samoëns
Architect: Studio Arch



Club Med Alpe d'Huez Hotel
Architect: Cap Architecture



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CLUB MED Vacation Village



Club Med Hotel in La Rosière
Architect: Atelier Plexus

Club Med in Valmorel
Architect: Diener Guirard Architecture



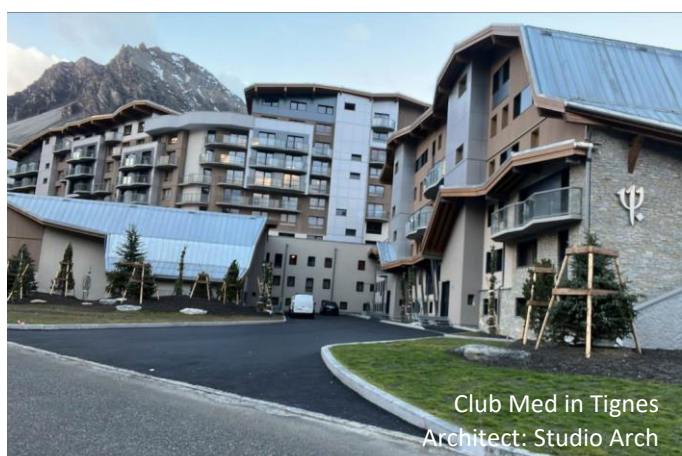
Club Med Arc 1600
Architect: Cap Architecture



Club Med in Val Thorens
Architect: Studio Arch



Club Med in Tignes
Architect: Studio Arch



ABAC References: CLUB MED Vacation Resorts

CLUB MED LA PLAGNE (73)

Renovation, expansion, and addition of stories to the resort - 4 tridents – studies in progress – €66.5 million – Architect: ATELIER PLEXUS ARCHITECTES

CLUB MED ESSAOUIRA (Morocco)

Construction of a new 348-room resort – preliminary studies – in progress – Architect: DL2A ARCHITECTES

CLUB MED CAP SKIRRING (SENEGAL)

expansion and renovation of the resort – 285 rooms – 2018–2024 – €35 million – Architect: THALES ARCHITECTURES

CLUB MED LA ROSIERE 5 T (73)

Construction of an Exclusive Collection tourist residence – 5 Tridents – 2023 – €20 million – Architect: ATELIER PLEXUS ARCHITECTES

CLUB MED TIGNES VAL CLARET (73)

Construction of a vacation village – 624 rooms – 4 Tridents – 2022 – €91 million – Architect: STUDIO ARCH

CLUB MED VAL D'ISÈRE (73)

Construction and renovation of a resort – 366 rooms – 2022 – €37 million – Architect: STUDIO ARCH

CLUB MED PEISEY VALLANDRY (73)

Renovation of a vacation resort – 4 tridents – 327 rooms – 2022 – 22 M€ – Architect: GROUPE RJ ARCHITECTES

CLUB MED LA ROSIERE (73)

Construction of a vacation village – 4 / 5 tridents – 616 rooms – 2020 – €65 million – Architect: ATELIER PLEXUS ARCHITECTES

CLUB MED ALPE D'HUEZ LA SARENNE (38)

Construction of a resort village – 689 rooms – 4 Tridents / 5-Trident area – 2019 – €60 million – Architect: ATELIER CAP ARCHITECTURE

CLUB MED ARC 1600 PANORAMA (73)

Construction of a resort village – 606 rooms – 4 Tridents / 5-Trident area – 2018 – €80 million – Architect: ATELIER CAP ARCHITECTURE

CLUB MED LA POINTE AUX CANONNIERS (MAURITIUS)

Renovation and expansion of a resort – 4 Tridents – 2018 – €38 million – Architect: JEAN-MICHEL D'UNIENVILLE

CLUB MED IN MÁLAGA (Spain)

Construction of a resort – €60 million – Preliminary Design – 2018 – Architect: Patrick GENARD & Asociados

CLUB MED OPIO CANNES (06)

Major renovation of a vacation village – 4/5 tridents – 2017 – €17 million – Design architect: ARCHI QUADRA

CLUB MED DE SAMOENS-GRAND MASSIF (74)

Construction of a vacation village – 420 rooms – swimming pool, saunas, restaurants – 4 tridents – 2017 – €60 million – Architect: STUDIO ARCH

CLUB MED IN VAL THORENS (73)

Construction of a resort village – 420 rooms – 4 tridents – 2014 – €55 million – Architect: STUDIO ARCH

CLUB MED IN VALMOREL (73)

Construction of a club village – 418 rooms – 4 Tridents / 5-Trident area – 2012 – €85 million – Architect: DIENER GUIRARD ARCHITECTURE

4-Star Hotel "Là-Haut" in Avoriaz
Architect: MARULLAZ Architectures



3-Star Hotel "l'Avancher" in Val d'Isère
Architect: ARCHITEC



5-Star Hotel "Le Club" in Courchevel 1850
Architect: MOATTI RIVIERE



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MOUNTAIN HOTELS

4-Star Hotel "PURE VALLEY" – Les Menuires
Architect: STUDIO ARCH



4-star LVH Hotel in Valloire
Architect: AKTIS AMPLITUDE

5-Star "Bois de la Croix" Hotel in Valmorel
Architect: ABP ARCHITECTES



ABAC References: Mountain Hotels

“ALPIMEZZO” HOTEL, LES 2 ALPES (38)

Construction of a 4-star hotel – €35 million – floor area: 4,314 m² – design phase underway – Architect: STUDIO ARCH

“CHUGET / BLACK BASS” HOTEL IN ANNECY (74)

Renovation of a 5-star hotel residence – €15 million – design phase underway – Architect: CIMAISE ARCHITECTES

SIVOLIERE HOTEL – COURCHEVEL (73)

Construction of a 5-star hotel – €76 million – floor area: 7,223 m² new + 3,053 m² existing – design phase underway – Architect: GILBERT

“LE BELLECÔTE” HOTEL, COURCHEVEL (73)

Construction of a 4-star hotel – €45 million – floor area: 7,467 m² – design phase underway – Architect: INEX-A ARCHITECTES

“LE MORGANE” HOTELS IN CHAMONIX (74)

Renovation of a 4-star hotel (54 rooms), Nordic bath terrace, swimming pool, spa – €5 million – area: 3,064 m² – work in progress – Architect: HPM

“MONT VALLON” HOTEL IN MERIBEL (73)

Construction of a 5-star hotel on the current site of the 4-star hotel – €50M – area: 8,387 m² – design phase underway – Architects: INEXA ARCHITECTES / Christian REY-GRANGE

“BOIS DE LA CROIX” HOTEL IN VALMOREL (73)

Construction of a 5-star hotel, restaurant, and high-end spa (100-room capacity) – €35 million – floor area: 8,200 m² – construction underway – Architect: ABP Architectes

“LE 15” HOTEL IN COURCHEVEL (73)

Construction of a 4/5-star hotel, spa, and sauna – €12 million – floor area: 2,655 m² – design phase underway – Architect: MS Architecte

“CONFIDENTIEL” HOTEL IN COURCHEVEL (73)

Construction of a luxury hotel – €100 million – in progress

“LES AIGLONS” HOTELS IN CHAMONIX (74)

Renovation of a 4-star hotel (107 rooms), restaurant, spa, conference space, lounge, and game room - €3 million – area: 5,537 m² - 2024 – Architect: HPM

PURE VALLEY LES MENUIRES (73)

Construction of a 4-star hotel in Les Menuires—107 rooms—€15 million—floor area: 6,783 m²—2022—Architect: STUDIO ARCH

“L’AVANCHER” HOTEL IN VAL D’ISÈRE (73)

Expansion of a 3-star hotel (39 rooms, 8 apartments, with a bar, restaurant, spa, jacuzzi, and 30-space underground parking lot) – €9.6 million – floor area: 2,385 m² – 2018 – Architect: ARCHITEC

“LA-HAUT” HOTEL IN AVORIAZ (74)

Construction of a 4-star hotel (42 rooms and 2 apartments) with indoor and outdoor pools, bar, and restaurant – €12 million – floor area: 2,900 m² – 2019 – Architect: MARULLAZ

DOLCE HOTEL IN ANNECY (74)

Construction of a 4-star hotel – €20 million – 2016 – Architect: XANADU

Hotel Radisson Blu in Lyon
Architect: SOHO



5-star “Mas de Chastelas” Hotel in Gassin
Architect: STUDIO ARCH



IBIS Hotel in Albertville
Architect: Atelier d'Architecture du Confluent



ABAC
HOTELS

4-Star Hotel “Les Sept Fontaines” in Tournus
Architect: ECRM



ABAC References: Hotels

Hôtel de la Charpinière in Saint-Galmier (42)

Renovation and expansion of the 4-star hotel—€10 million—design phase underway—Architect: CIMAISE

AREV HOTEL – SAINT-TROPEZ (83)

Construction of an extension to the hotel – 4-star – design phase underway – €10 million

HÔTEL TÊTE D'OR, LYON 6th ARONDISSEMENT (69)

construction of a 10-story hotel – planning underway – €2.5 million – Architect: VURPAS

MAS DE CHASTELAS HOTEL IN GASSIN – SAINT-TROPEZ (83)

Renovation and expansion of the property, creation of a spa/wellness center – 4-star – construction underway – €25M – Architect: STUDIO ARCH

“LA VOILE D'OR” HOTEL IN SAINT JEAN CAP FERRAT (06)

construction of an ultra-luxury hotel covering 9,123 m² – design phase 2018–2020 – €80 million – Architect: Antonio CITTERIO

“NANCY 15” HOTEL IN PARIS (75)

Construction of a 4-star hotel with 84 rooms – 2019 – €8.9 million – Architect: Ms. Aude BRUGUIERE

“LES SEPT FONTAINES” HOTEL IN TOURNUS (71)

Conversion of a former nursing home into a 4-star hotel with a restaurant, swimming pool, and spa – 2019 – €12 million – Architect: AGENCE M. ARCHITECTURE

“RADISSON BLU” HOTEL IN LYON (69)

Renovation of the hotel located in the Part-Dieu Tower, guest rooms, and general services – 2016 – €38 million – Architect: SOHO ARCHITECTURE

Le Ridge Residence
Architect: Studio Arch



Le Cairn Residence – Arc 1600
Architect: Mr. BERGER



Les 5 Sens Residence in La Chapelle d'Abondance
Architect: CHAMBAUD Architects



Le Roc Residence - Valmorel
Architect: XXL Atelier



5-Star Montana Plein Sud Residence
Architect: Studio Arch



L'Alpamajor Residence - Courchevel
Architect: BAUVE Architecte



ABAC References: Mountain Vacation Residences

UCPA RESIDENCE IN VALCENIS (73)

Reconstruction of a 176-bed residence – €11.5 million – floor area: 4,127 m² – studies in progress – Architect: REMIND

UCPA RESIDENCE IN VAL D'ISÈRE (73)

Construction of a 280-bed residence – €16 million – floor area: 6,643 m² – design phase underway – Architect: REMIND

HOLIDAY CENTER IN COURCHEVEL MORIOND (73)

Construction of a children's and family vacation center – €9 million (excluding tax) – floor area: 3,743 m² – design phase underway – Architect: REMIND ARCHITECTE

RESIDENCE IN VALMOREL (73)

Construction of a new-generation youth residence with 335 beds – €6 million – floor area: 3,209 m² – design phase underway – Architect: CHANEAC

"VARS 2000" (73)

Construction of 500 housing units comprising 35 chalets and 7 apartment buildings with retail spaces and a water park – €50 million – Phase 1 under construction – Architect: Jean-Pierre JOURDAN

MERIBEL (73) – SO PURE – AQUUPIERRE

Construction of 3 chalets and 27 apartment buildings – 2022 – €7.2 million – Architect: XXL Atelier

LE ROC IN VALMOREL (73)

Construction of 2 buildings with 45 units – €7.5 million – floor area: 2,764 m² – 2024 – Architect: XXL Atelier

LE K2 – "YDILIA" RESIDENCE IN SAINT MARTIN DE BELLEVILLE (73)

Construction of 12 ultra-luxury chalet-style apartments – €5.8 million – floor area: 1,185 m² – 2023 – Architect: NEYRINCK Architecte

L'ECRIN DES NEIGES IN VALMOREL (73)

Construction of a residential complex with 113 units spread across 3 buildings – €26 million – floor area: 10,260 m² – design 2022 – Architect: STUDIO ARCH

"L'ALPAMAYOR" IN COURCHEVEL (73)

Construction of a 24-unit residential complex – €12 million – floor area: 2,752 m² – 2022 – Architect: BAUVE ARCHITECTE

"LE RIDGE" – ARC 1600 – BOURG SAINT-MAURICE (73)

Construction of a 4-star residential complex with 51 units, featuring a heated indoor and outdoor pool, a jacuzzi, and a spa – €10 million – floor area: 5,785 m² – 2019 – Architect: STUDIO ARCH

"CASEBLANCHE" CHALETS IN SAINT-MARTIN DE BELLEVILLE (73)

Construction of chalets comprising 34 units, with amenities, retail spaces, and underground parking – 2019 – €9.4 million – Architect: PERSPECTIVE ARCHITECTURE

"LE CAIRN" – LES ARCS - BOURG-SAINT-MAURICE (73)

Construction of 68 residential units with a pool area, fitness center, and parking – 2018 – €10 million – Architect: Mr. BERGER

"LES CINQ SENS" in La Chapelle d'Abondance (74)

Construction of 4 buildings comprising 29 housing units – 2017 – €7 million – Architect: Pierre GOGUEL, Architect

"LE MONTANA" SOUTH-FACING IN VAL THORENS (73)

Expansion of a 5-star resort to include 19 units with a spa area, sauna, steam room, and common areas – €3.2 million – floor area: 1,874 m² – 2016 – Architect: STUDIO ARCH
