





KNOW-HOW

Architectural camouflage





Tome 1

We are delighted to present a broad range of our achievements in architectural and landscape camouflage in the field of mobile sites.

This booklet focuses on the most successful integrations carried out throughout France, with the goal of preserving the landscape.

It cannot be exhaustive, as the fields of application are varied thanks to the architectural heritage built over centuries across the national territory.

This booklet is intended for all stakeholders involved in integration: mobile network operators, project managers and developers, architects, property owners, local authorities, and anyone concerned with the preservation of built and landscape heritage.

We hope it will inspire reflection, studies, and projects.

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Antenna integration design





Kingersheim

Built in 1952, the water tower in Kingersheim needed to be brought up to current standards. Highly visible and located at the entrance of the city on the edge of a forest, the tower required a design that would enhance its appearance while blending into the environment. The landscape integration project proposed by the architect involved adding six composite slats per facade of the water tower, totaling seventy-two slats each over five meters tall and in three different widths. Fimo designed each facade panel of six slats as a single, ready-to-install unit. The installation of all 72 slats was completed in one week.











1320 hours of production

4 months of manufacturing

800 kg per panel face

10 tonnes total for the complete installed structure.

450 m₂ of developed cladding surface

5 m in height

Assembly principle

The assembly is carried out using pre-assembled panels of six slats prepared in the workshop. These panels are supported by a specially developed spreader beam. Anchoring and fastening at the top of the water tower were done by two rope access technicians.







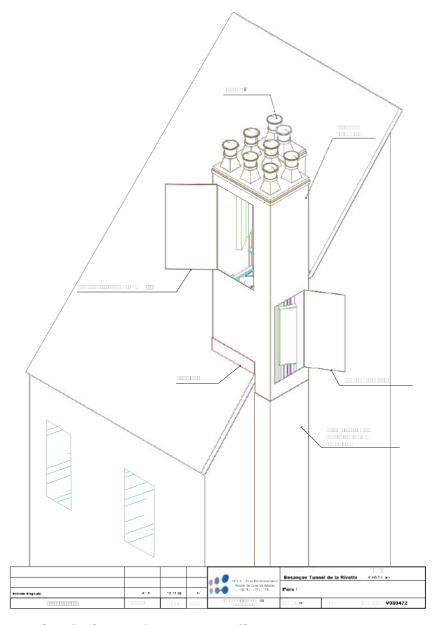




Besançon

This project, located in a heritage protection zone (ZPPAUP) and part of the UNESCO World Heritage designation for part of Besançon, was executed with the utmost care. Developed for two operators with four antennas and one microwave antenna integrated, this faux chimney, fixed to an existing chimney base on the edge of an old building's gable, had to completely blend in with the existing architecture.

It was fitted with caps identical to those already on site and aged to match the real chimneys. The integration of the cable run down the side added the final touch to this complex geometry project.



Project view - SE perspective

 $oldsymbol{9}$







Tarbes

Located in the heart of Tarbes, this church served as an ideal high point for a mobile phone site. The project involved creating an entirely new roof over the existing bell tower. Based on plans provided by the Architects of the Buildings of France, the monobloc roof was made entirely of composite materials. Transport and lifting were carried out using a single prefabricated piece placed over the tower. The integration, which was particularly successful, enhanced the original structure by adding both balance and aesthetics.



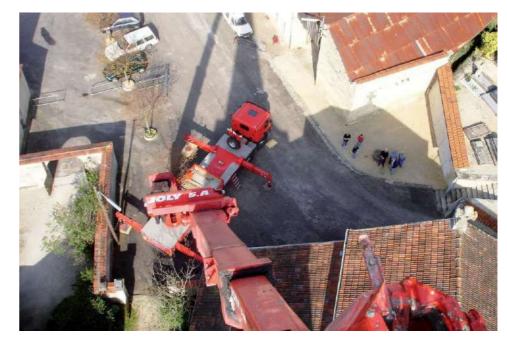


Our installers in action











→ 10 years: Cladding warranty

FIMO continuously develops its methods and techniques to ensure high standards of performance, safety, and durability in all its solutions.

As the manufacturer of all our composite claddings, we offer a standard 10-year warranty on the facades used in our constructions (chimneys, rooftop structures, visual screens, etc.).

This warranty has been in effect since January 1,2009.

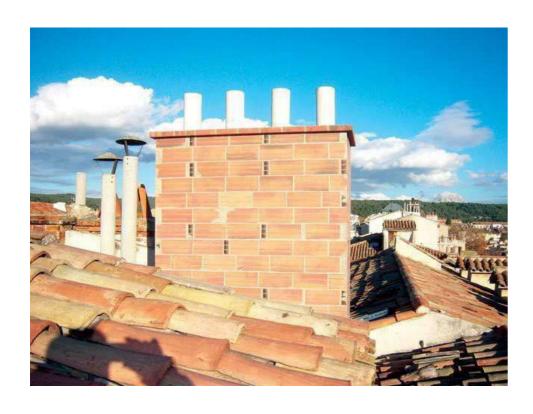
It reflects our deep confidence in the quality of our in-house manufactured composite products. It is also a guarantee of the longevity and safety of our solutions for our clients.



https://www.fimoworld.com/it/

Chimneys







Pitched roof





Le Perreux

Flat roof





Val d'isère

Pitched roof





Bois-Colombes

Pitched roof





Tassin-la-Demi-Lune

Flat roof







Montreuil Sous Bois

Flat roof







Liège (Belgique)Flat roof





Courchevel

Pitched roof







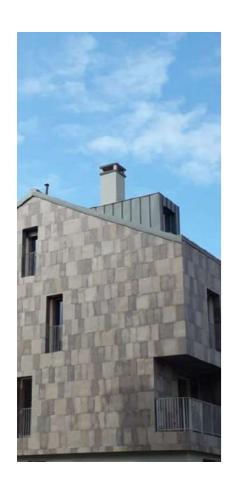
Flat roof





Desenzano (Italy)

Flat roof









Torino (Italy)
Flat roof

Rimini (Italy)
Flat roof





Gorizia (Italy)
Flat roof





Caorle (Italy)
Flat roof





Venezia (Italy) Flat roof











Besançon Rouen Neufchâtel

Pitched roof

Saint- Étienne

Flat roof

Saint- Malo

Pitched roof









Lyon Flat roof





AurillacPitched roof





RennesPitched roof

 $oldsymbol{0}$





Pitched roof





Visual barriers







Paris

Saint - Maurice



















Lyon Plouguernevel

Edicules



Building Sustainable Innovation







Bordeaux







Saint- Étienne













Overjise (Belgique)





Reims

Tensioned Fabrics









Isle - sur - la - Sorgue

Saint - Victoret

Rooftops







Lyon Flat roof





Le Puy- en- Velay Extension of an old tower



Louvers



Building Sustainable Innovation





Castries

Decorative louver made of moulded faux zinc







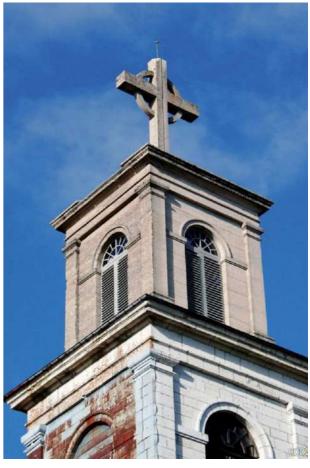
Saint- Romain- le - Puy

Wood-moulded louver









Francheville

Smooth louver

Frasne

Smooth louver













Beaune

Wood-mouled louver

Dornecy

Moulded louver







L'Écotay l'Olme

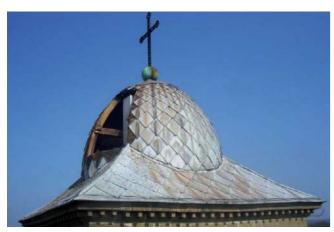
Wood-moulded louver

Bell Towers, Steeple Tips & Weathercocks



Building Sustainable Innovation







Montcy - Notre - Dame







Tarbes









Hoenheim

Pfastatt







Mauvezin





Roanne Bourges





La Chapelle-Saint-André





Billy - sur - Oisy





Berlencourt - le - Cauroy





Saint- Céneri - le - Gérei Menoux

Casings









Roanne Béziers









Bayonne Abeilhan







Rouen Neufchâtel

Mauvezin









Tresserve Besançon









Le Havre Montendre







Kingersheim

Special projects













Ambilly

Mobile mast Montauban







Guetary Lyon







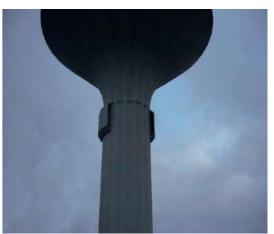
Meribel Val d'Isère Millau





Lyon







Chessy







Rouen Épinal





Marseille Cannes



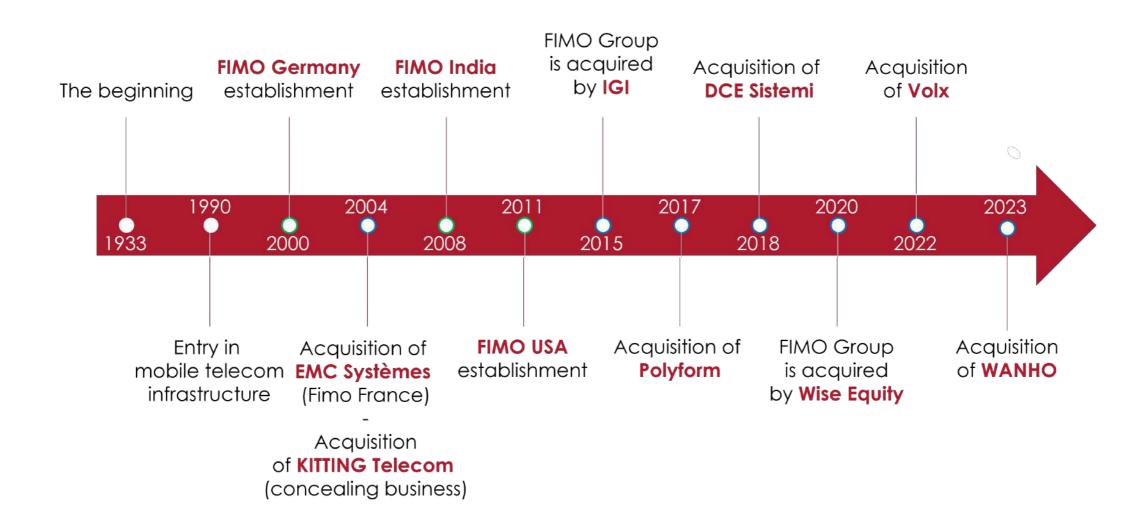


Côte d'Azur



Ortona Marittima (CH)

History



New subsidiaries
M&A
New shareholders



Building Sustainable Innovation

https://www.fimoworld.com/it/