The seven principles of outstanding partnerships
1. Involvement from the start

From the earliest design stages on we lead you to the most suitable aluminium facade and fenestration system, whether it be a standard or bespoke, custom built solution.
2. Sharing of expertise

We gather global insights and experiences by analysing successes and constraints. Also we constantly cross reference knowledge from all domains and segments we are active in.
3. Simplicity in design

We design our products with ease of use in mind. Simple, reliable, easy and intuitive to operate but also extremely straightforward to manufacture and install.
4. Making reliable products

Your peace of mind is paramount. Therefore we only release our building solutions following thorough development and testing procedures and after proper, comprehensive certification.
5. Teaming up with professionals worldwide

Our fabricator network in 24 countries takes on your project realisation. People in the network are continuously trained to reach consistent levels of performance.
6. Embodying vertical integration

We design and test but also extrude. We deliver surface finished aluminium profiles with thermal breaks. We support on site installation and provide post-sales assistance.
7.
Engineering and software to support

**SapaLogic** is a user-friendly calculation program for fast, efficient and complete calculation of windows, doors, structures, curtain walls and conservatories.

**SapaThermic** is a detailed thermal simulation software for doors, windows, sliding systems and curtain walls.
Adding value and architectural excellence to every project has been Sapa Building System’s mission from the beginning. That is why we provide market leading architectural aluminium solutions that are innovative, energy efficient and environmentally sustainable.

EUROPE
// Austria
// Belgium
// Czech Republic
// Denmark
// Finland
// France
// Germany
// Italy
// Lithuania
// Luxemburg
// Netherlands
// Norway
// Poland
// Portugal
// Slovakia
// Spain
// Sweden
// Switzerland
// Turkey
// United Kingdom

REST OF THE WORLD
// Angola
// Australia
// China
// India
// Ivory Coast
// Morocco
// Mozambique
// Qatar
// South Africa
// United Arab Emirates
// USA
Working on the new Siemens headquarters
Siemens, the world’s largest supplier of sustainable and environmental solutions, recently moved into impressive new headquarters in Munich. Exciting architecture, character, transparency, openness, sustainability, energy-efficiency… are but a few attributes to describe the futuristic project. In close collaboration with Strabag AG, Direction AO Metallica, the construction company, and Henning Larsen Architects, Sapa was entrusted with the complex, unitised curtain-walling, encompassing facades, windows and doors. The 45,000 m² building has been certified DGNB Platinum and LEED Platinum.
Part of the Munich community
The new complex not only serves Siemens’ own employees, it also allows for interaction with the broader community through the open and publicly accessible ground floor counting several courtyards, cafés, restaurants, other public facilities and even a fountain. Pedestrians and cyclists alike can use the public space as a handy passage to other parts of the town. This was Siemens’ way to give something back to the community of the city that had been hosting the company since the start.

Sapa fits the bill
Siemens and Henning Larsen Architects had set their goals and minds on sustainable, energy-efficient and creative solutions to shape the skyline and facades of the impressive building. Sapa’s unitised curtain-wall solutions with distinct industrial look perfectly fitted the bill. Also the low-energy character of the Sapa solutions completely filled Siemens' needs. It was immediately clear that the trustworthiness, global experience and client-centered approach of Sapa would stand for an important added value in the designing and building process. Furthermore Sapa’s important and flexible extrusion capacities added to the reliability of the Sapa offering.

Rounding edges without cutting corners
The building is composed of different volumes, held together by a vertical ‘spine’ and culminating in a central roofed courtyard. One of the most distinctive features of the building is the frequent use of rounded corners combining vertical and inclined facades. These demanded extraordinary efforts and ingenuity from Sapa and Strabag, since not only the profiles, but also the glass for the windows had to be well connected. Many edges have been rounded, but on the quality and technology side no corners have been cut!

Multiple challenges
Sapa engineers and specialists have been confronted with a series of challenges, making this one of the most complex but rewarding projects they have ever worked on. The industrial looking unitised curtain-wall system with 64 mm side line had to be devised from scratch. Furthermore bent as well as distorted profiles and glass had to be fabricated. In fact, more than 70 different and newly designed profiles have been integrated in the building. Combining vertical and inclined facades also asked for ingenious out-of-the-box solutions.

Siemens' clear commitment to Munich strengthens our city as a location for the future. The new Siemens corporate campus is a showpiece of sustainable and responsible urban development, enhancing the attractiveness of our city center and making Munich even greener.

Christian Ude,
Former mayor of Munich
In our new corporate headquarters, we want to establish a symbol that stands for working together, for integration into society and for taking action towards more sustainability.

Joe Kaeser,
President & CEO Siemens
Impressive numbers

Some facts and numbers attesting to the project's complexity: 2 types of glass thickness were used (54 and 68 mm), 1,200 Pa was required for the facades and 750 Pa for the windows, all unitised facades together totaled 15,000 m², 400 motorised inclined windows were used in a tilted application and 600 windows in a vertical application. The latter weighed in at 130 kg for the turn & tilt version and at 200 kg for the turn version for which special friction stays had to be developed. All 1,000 windows came from the Avantis 95 series, the 50 glazed doors were based on Avantis 75 but customised to Siemens' specific needs in a structural glazed design.

Stunning architecture

Henning Larsen Architects devised a contemporary reinterpretation of the original building's neoclassical style. With lots of glass and, of course, making ample use of Siemens' photovoltaic technology. The building consists of one volume where four rectangular, rounded courtyards are cut out. Due to the large glass surfaces, employees have visual contact with their colleagues across the courtyards. The old Siemens headquarters, the Ludwig Ferdinand Palace, have been restored by Henning Larsen Architects and seamlessly integrated with the new construction.

Highest sustainability standards

Coupling the Siemens and Sapa technologies has led to the highest standards for sustainability. The new building consumes 90% less electricity and uses 75% less water than its predecessor. The tilted inner facades increase the amount of penetrating natural light, thus reducing the need for artificial lighting. 30,000 data points are used to control heating, ventilation and air conditioning. Employees can adjust heating, ventilation and air conditioning in their areas as needed. Consequently the building has been certified DGNB Platinum and LEED Platinum.

From day one the Siemens building has become part of Munich and offers this historic city a new architectural experience. Architecture is fundamentally about staging human interaction - and in the new Siemens building architecture stages an open and inviting gesture to Munich and the surrounding world. This achievement makes me proud.

Prof. Louis Becker, Principal, Partner of Henning Larsen Architects
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Estoril - Portugal
Hotel

86 Private Housing
Boortmeerbeek - Belgium
Housing

88 Hubbult Meeting Centre
Malmö - Sweden
Offices

90 60 Commercial Road
London - United Kingdom
Education

92 Illovo
Johannesburg - South Africa
Offices

96 MAX IV Laboratory
Lund - Sweden
Offices

100 Gevaco Advocaten
Beringen - Belgium
Offices

102 Spinhuset
Norrköping - Sweden
Hotel

104 Grand Central
Birmingham - United Kingdom
Transport

108 World Maritime University
Malmö - Sweden
Education

112 Ashrafieh Towers
Beirut - Lebanon
Offices

114 Selby Leisure Center
Selby - United Kingdom
Leisure

116 Mermerler Plaza
Istanbul - Turkey
Offices

120 The View
Newcastle - United Kingdom
Education

122 Vistrap
Oostende - Belgium
Retail

124 Castings House
Huddersfield - United Kingdom
Education

126 Order of Engineers and Architects
Tripoli - Lebanon
Offices

130 The Verde
Newcastle upon Tyne
United Kingdom
Education

134 Apartments
Hasselt - Belgium
Housing

136 Office Building
Battice - Belgium
Offices
Styria Media Center
Graz - Austria

Styria, which was founded in 1869, is one of the leading media groups in Austria, Croatia and Slovenia. With 3,084 employees, Styria Media Group generated a market revenue of 427 million euros in 2015.

Architect: ArchitekturConsult - DI Herfried Peyker
Fabricator: Alu Sommer
Contractor: Porr Bau GmbH, Hochbau
HOTEL

Hotel Park Dedeman Levent
Istanbul - Turkey
One of the city’s leading buildings with its LEED Gold certified environmentally friendly construction and contemporary architecture.

Architect: Akan Mimarlık
Contractor: Halk GYO
OFFICE

BB Delta Centrum
Prague - Czech Republic
A perfect example of a building with curtain walling. The building contains in total more than 22,000 m² of facades.

Architect: Aulík & Fiser architekti
Fabricator: OK mont S.T.M., Brno-Czech Republic
OFFICE

Hoprom
Kortrijk - Belgium
For this office-building a design-look needed to be created with attention to the environment where it stands.

Architect: De Volder Architecten
Fabricator: Alu Verschuuren
Eyecatcher here is the minimalistic window Artline which is used almost throughout the whole building, allowing natural light to illuminate the offices inside.
Cidade Financeira is an administrative complex, located in Talatona, in the south zone of Luanda, and consists of a total of six buildings, destined to services and offices.

Architect: Costa Lopes
Fabricator: Cociga Angola
Siemens Headquarters
Munich - Germany
Sapa was entrusted with the complex, unitised curtain-walling, encompassing facades, windows and doors. The 45,000 m² building has been certified DGNB Platinum and LEED Platinum.

Architect: Henning Larsen Architects
Fabricator: Strabag AG, Direction AO Metallica
One of the most distinctive features of the building is the frequent use of rounded corners combining vertical and inclined facades.
The glazed walls create the illusion of defying gravity.

HOUSING
Villa Jaune
Helsinki - Finland
The villa’s glazed walls add lightness to the sides of the building. For the glazed facade, minimalistic glass holders of only 32 mm were used in order to maximise the impression of lightness.

Architect: Professor Jyrki Tasa, Arkkitehdit NRT Oy
Fabricator: Imera Oy

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HOTEL

Centre de Thalasso
Cabourg - France
The beautifully crafted windows bathe the interior with natural light and enable guests to benefit fully from the sea views.

Architect: ROBINSON Architectes Associés
Fabricator: STAB
The more than three hundred high performance energy saving windows bear the Sapa name.
HOUSING

Villa Tuuli
Turku - Finland

This modern minimalistic villa incorporates three Artline sliding doors: two perpendicular in the ground floor courtyard with a floating corner, and a further one in the master bedroom leading onto the roof terrace.

Architect: SIGGE architects Oy, Pekka Mäki
Fabricator: Alavus Alufront Oy
The house’s style is minimalist modernism, with large opening glazed areas offering magnificent panoramic view over the sea and landscape all around.
HOUSING

Villa A
Belfort - France
Architecturally designed villa with a Sapa triple track sliding door system that incorporates a "galendage" frame.

Architect: Atelier d'Architecture Robert Gomez
Fabricator: France Fermetures
This built in design enables each of the door leafs to be fully retracted and concealed within the walls of the surrounding structure, creating an impressive 9 m wide opening in the building.
EDUCATION

Ny-Krohnborg Skole
Bergen - Norway

The shape and materials all reflect the red colour of the brick in the original building in a new multi-coloured glass facade.

Architect: Arkitektgruppen Cubus AS in partnership with Ramboll Norge AS (ARK)
Fabricator: Bue Aluminium AS
EDUCATION

Bournemouth University
Bournemouth - United Kingdom
The facility provides over 2,900 m² of academic space for Bournemouth University, along with 392 student bedrooms and further communal areas.

Architect: Manson Architects
Fabricator: North Cheshire Windows
Contractor: Watkin Jones Construction
OFFICE

Sede EDP
Lisboa - Portugal
With its pure, imposing and unique shapes, EDP's new headquarters, is the new architectural landmark of Lisbon city.

Architect: Aires Mateus
Fabricator: Martifer
The building is a new landmark in Lisbon city designed by Aires Mateus.
OFFICE CNFPT
Strasbourg - France
Original creation developed in France. Double skin facade with curved elements and fire access openings.

Architect: Zundel, Paris
Fabricator: Spitz, Colmar / BE facade Interface 88
Contractor: Garrigue

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As a non-standard solution, the facade was rigorously tested for air-water-wind at Sapa’s technical centre in Puget before construction began on site.
Semcon Headquarters
Gothenburg - Sweden
The new headquarters is an open building with a double-skinned glass facade which makes it possible to use large areas of high-transparency glass.

Architect: Semrén & Månsson Arkitektkontor AB
Fabricator: Göteborgs Glasmästaren AB
Contractor: Semcon
The new waste heat boiler in Gärstad (the one to the right) has a chequered structure which is replicated in the large glazed facade, providing onlookers with a view into the workings of the building.

Architect: Winell & Jern arkitekter AB
Fabricator: Alab Aluminiumsystem AB
Contractor: Tekniska Verken i Linköping AB
OFFICE
Solheimsgata 21
Lillestrøm - Norway
The buildings facade utilises grey painted aluminium profiles with a combination of transparent and coloured glass for a hi-gloss polished appearance.

Architect: Arkitektene Fosse og Aasen AS
Fabricator: Nordmarkens Fasader AB
Contractor: Plantax AS
LEISURE

Sport and Rehabilitation Center of Medical University
Warsaw - Poland
BIPV installation with more than 1,500 m² of photovoltaic cells incorporated into the sports hall facade (photo) and adjacent swimming pool.

Architect: Kontrapunkt V-projekt, Aleksander Mirek
Fabricator: AL-ITAL Paweł Rogowski
The Dental Hospital and School of Dentistry, as part of Birmingham Community Healthcare NHS Foundation Trust, provides a unique range of dental services for the people of West Midlands and further afield.

Architect: One Creative environments Ltd
Fabricator: Trent valley Window & Door Company Ltd
Contractor: Galliford Try Construction
IMA Meaux - France
This training and research centre accommodates 2,000 apprentices and 1,500 auditors. It was designed based on an innovative, modular architectural approach using Sapa High-Performance solutions.

Architect: Emmanuelle COLBOC
Fabricator: STAB
HOTEL

Hotel Intercontinental
Estoril - Portugal
A luxury hotel in Cascais bay using Sapa Building System solutions. It is one of very few buildings in Portugal to receive certification from the National Laboratory of Civil Engineering (LNEC)

Architect: João Paciência
Fabricator: Martifer
HOUSING

Private Home
Boortmeerbeek - Belgium
Large window allowing light to flood in. In this specific case the aluminium profiles were combined with other materials in order to be in line with the style of the house.

Architect: Berckmans.Niewold architecten
Fabricator: Baeten - Van Es

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This is currently Scandinavia's most environmentally friendly office building, certified with BREEAM - Outstanding.
From the overall geometry to the technical detail, the task was to create optimum energy efficient and sustainable solutions. One of the volumes is covered with solar panels on the facade.

Architect: Dorte Mandrup Arkitekter
Fabricator: Preconal
EDUCATION

60 Commercial Road
London - United Kingdom

A new-build 19 storey student accommodation tower with a distinctive facade. Incorporating 417 student room units, communal spaces, sky lounge and 18th floor terrace.

Architect: Buckley Grey Yeoman
Fabricator: North Cheshire Windows Ltd
Contractor: Wates Construction
Illovo Edge Precinct is a modern business complex located in Johannesburg, South Africa - whose design is based on sustainability principles.

Architect: Hyperlink
Fabricator: Seveme
Support and guidance from Sapa ensured the correct energy efficient products were used on the project, and with the addition of solar panels the building is not only sustainable but also a fantastic place to work.
MAX IV is the next-generation synchrotron radiation facility in Lund, Sweden. It is the strongest of its kind in the world.
The entire facility has been given Green Building approval and a gold rating by the Sweden Green Building Council.
Large glazed surfaces were used to encourage the work environment. It is ideal to let the office be flooded with natural light and give the building a modern and architectural look.

Architect: D&D Architecten
Fabricator: Van Hout - Alu Construct nv
HOTEL
Spinnhuset
Norrköping - Sweden
It’s Norrköping’s most modern hotel and certified according to the BREEAM environmental management system with the rating “very good”.

Architect: Diabas Arkitekter
Fabricator: Alab Aluminiumsystem AB
TRANSPORT

Grand Central
Birmingham - United Kingdom
The renovated Grand Central train station in Birmingham features Sapa blast resistant curtain wall and door systems, providing the robustness needed for everyday use with added safety and security.

Architect: Atkins
Fabricator: Martifer

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The extension consists in a building that stands as a separate entity, slightly rotated in relation to the existing building and with its own distinct sculptural language.
The new building is entirely made up of unbroken triangular wall surfaces. Natural light floods into the new building through the large shards that separate the solid facets.
Ashrafieh Towers
Beirut - Lebanon
Located in the oldest and most charming part of Ashrafieh, Beirut. While taking advantage of the quietness of a pure residential area, the 25-storey skyscraper is surrounded by prestigious restaurants, hotels and shops.

Architect: Bureau Ghalayini
Fabricator: Tabet Enterprises
Contractor: Alusteel
LEISURE

Selby Leisure Center
Selby - United Kingdom
Built at a cost of £6.5 million, it includes two swimming pools, a sauna, a health and fitness centre, a class and exercise studio, activities and sports such as judo, dance sessions and children’s activities.

Architect: Bradshaw Gass & Hope
Fabricator: NG Developments
Contractor: ESH Group
Mermerler Plaza
Istanbul - Turkey
Mermerler Plaza has tall wavy glass walls that provide a playful contrast to its shorter aluminium enveloped counterpart.

Architect: Ergün Mimarlık
Contractor: Mermerler Group
The design incorporates randomised tan coloured sunscreens made from perforated aluminium sheets.
The View
Newcastle - United Kingdom
The View offers a new concept in Newcastle student accommodation for the city’s students. It features a mix of contemporary studio apartments and shared flats as well as a range of communal spaces.

Architect: Simpsonhaugh & Partners
Fabricator: Dane Architectural Systems Ltd
Contractor: George Downing Construction Ltd
RETAIL

Vistrap
Oostende - Belgium
For this project a curtain wall system was used as it was the perfect solution to maintain the obstinate soul of the building. The colors of the building relate to its environment, as it is located at the Belgian coast.

Architect: Lobelle Studiebureau bvba
Fabricator: Eric Verstraete nv
Contractor: Van Huelie Gebroeders NV
Castings House
Huddersfield - United Kingdom
Castings House is a modern and well-equipped purpose built student accommodation.

Architect: O’Connell East
Fabricator: North Cheshire Windows Ltd
Contractor: Watkin Jones Construction
Order of Engineers and Architects
Tripoli - Lebanon
The structurally glazed aluminium curtain wall from Sapa features outward opening Italian style windows and bespoke 450 mm solar shading blades suspended from projecting floor slabs.

Architect: Bureau Ghalayini
Fabricator: Tabet Enterprises
Contractor: Alusteel
This building in the north of Lebanon is an office building, hosting the headquarters of the Engineers and Architect Community.
The Verde
Newcastle upon Tyne - United Kingdom
The Verde is a landmark student accommodation development, noticeable by its striking Lamborghini green colour.

Architect: Simpsonhaugh & Partners
Fabricator: Dane Architectural Systems Ltd
Contractor: Downing Property Services Ltd
Apartments Acaciapark
Hasselt - Belgium
This project consists of 22 luxurious apartments, with the aim to rejuvenate the local area and bring a new lease of life to the neighbourhood.

Architect: DBV Architecten
Fabricator: Van Hout Alu Construct nv
Contractor: Kumpen NV
For this project the windows were a crucial part in the architecture. Not only do they support the design of the building, they also are designed in a functional way, maximising the view from the office to the outside.

Architect: Atelier Concept sc
Fabricator: L. Lousberg SA
Be inspired by our architectural aluminium solutions