



# ***POWERFUL CHAINS IN A CHANGING WORLD***





# ***THE POWERFUL ENERGIES OF ASIA***

SEDIS, a French company, established for over 100 years and renowned for their excellence in industrial chains, is now growing internationally, also in Asia.

We want to bring real forces to growing and influent countries which are essential players in a changing world, and to expand your access to the unsurpassed quality of SEDIS, which is recognized in Europe and worldwide in 48 countries, to your numerous and various industries.

Today, the SEDIS products cover the vast majority of chain requirements, including adapted and special chains, and always with a “made in France” top range quality!

With the ever present need to advance quality, SEDIS moves forwards and plans to become your essential partner by adapting to your local needs. SEDIS will bring new forces of reliability to your key industry sectors such as cement, chemical, fertilizer or Palm oil industries. For agriculture, a range approved by the biggest OEM\* for his ratio reliability/price is also available.

The Sedis difference will bring a series of outstanding advantages to your business thanks to the robustness & reliability of their chains, their ability to customize to your exact needs, their technology, innovation and the quality of their advisory support.

\*Original Equipment Manufacturer

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“According to us, Asian countries have incredible qualities: energy, vibrancy, reactivity and independence.”

# 100 YEARS OF FORCES IN MOTION

Sedis, born at the instigation of the Peugeot Company was the result of the merge of 100 years of experience with one goal: to manufacture the best performing chains since then. One hundred years later, we pursue with passion and tenacity the Sedis adventure tainted with acceleration. The company manufactures all types of transmission, agriculture, leaf, adapted and conveying chains, in addition to wheels and sprockets. Our mission: to adapt the technology and manufacturing of chains to our changing world.

**Until 1990**, Sedis was the leader in manufacturing bicycle chains and was a renowned brand for the famous Tour de France!

- **In 1994**, Sedis acquired Ergé and Sebin, the French producers of heavy conveyor chains. Sedis strengthened his forces.
- **Over the last 20 years**, the Sedis Green chain technology became a high level standard for escalators.
- **Since 2010**, Sedis has been integrated into the Murugappa Group while maintaining his know-how and his production facilities in France.

Sedis sponsor of  
Louison Bobet  
in 1955.

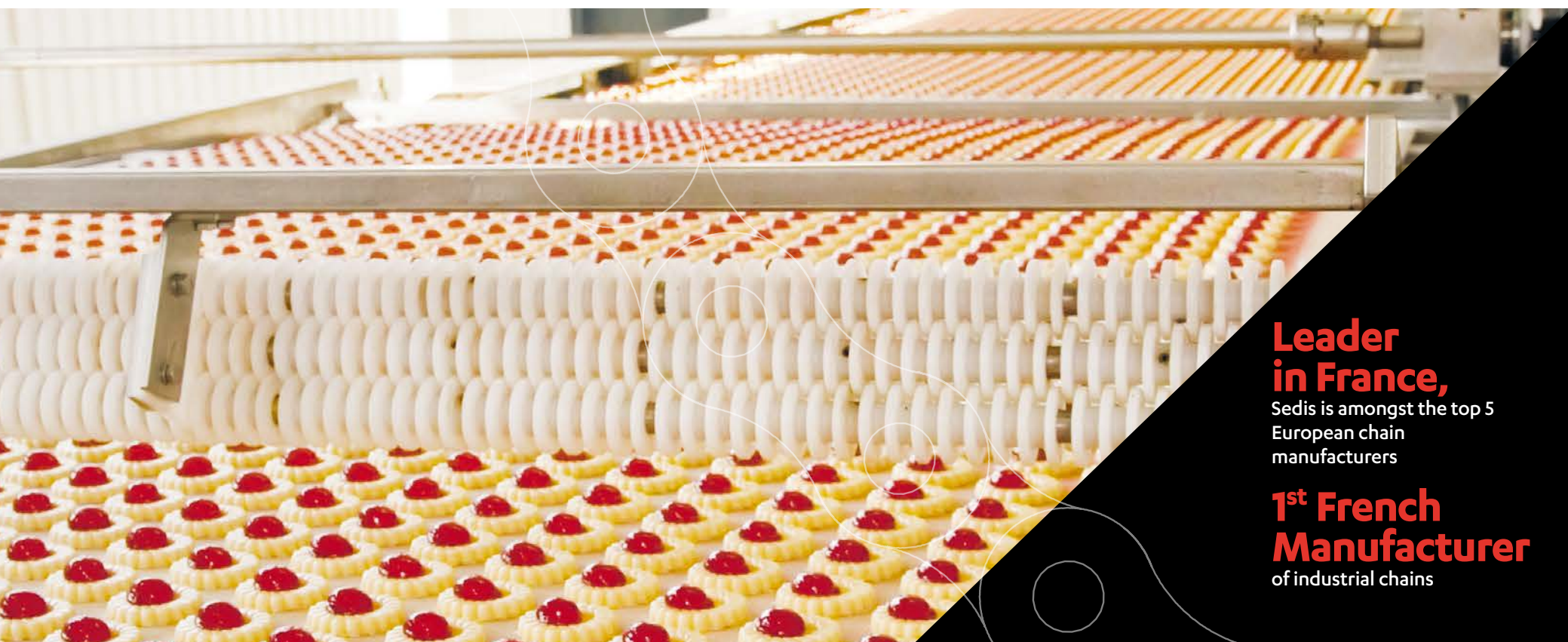
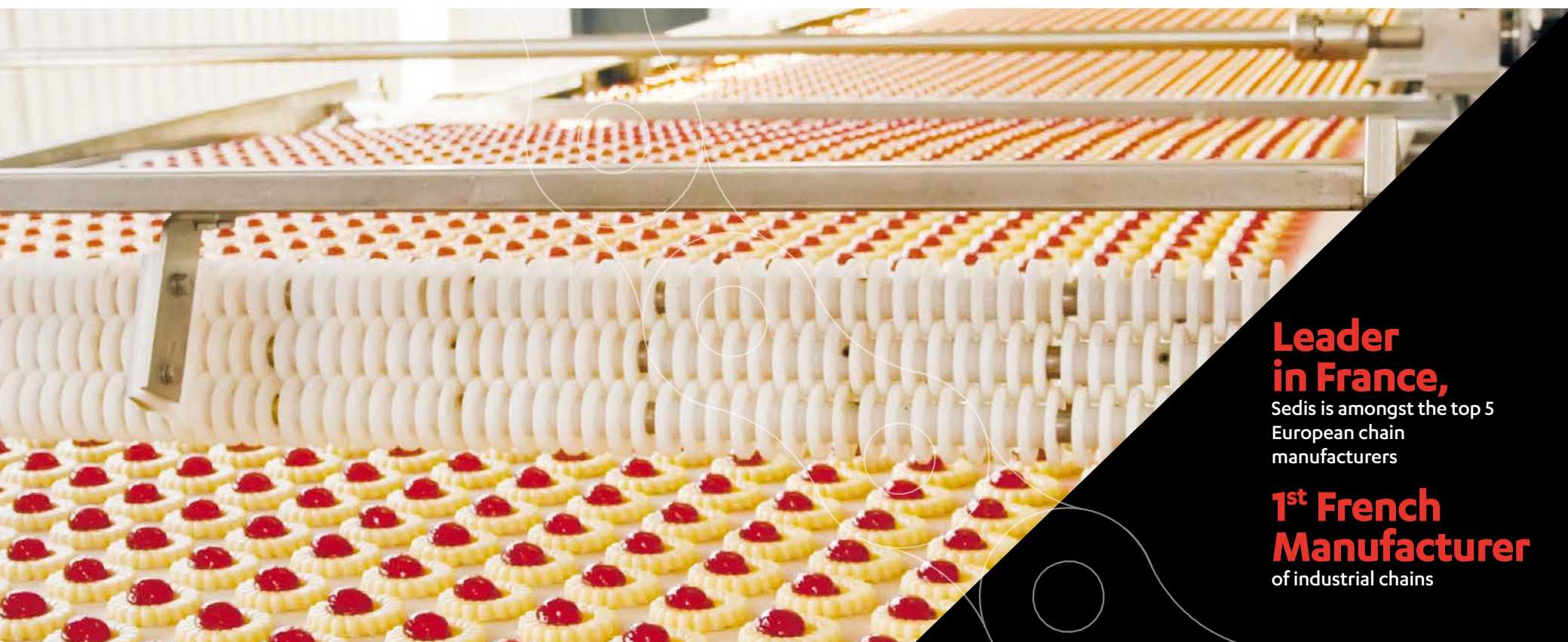




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“The Company elicits in highly precision work and tailor made passion. More than one million meters of Sedis chains are manufactured every year. The most prestigious distribution groups have placed their confidence into Sedis as well as thousands of clients into more than 100 countries.”

“We aim at achieving a perfect control in our production, process, tailor-made and innovation: The proudness of Sedis is to offer our clients a premium quality and complete offer without any compromise in terms of performance.”



**Leader  
in France,**  
Sedis is amongst the top 5  
European chain  
manufacturers

**1<sup>st</sup> French  
Manufacturer**  
of industrial chains

# SEDIS DEDICATES HIS FORCES TO ALL INDUSTRIES

Chains are key elements of safety and efficiency. For various industry sectors like nuclear, dam, food processing, steel industry, and many others, Sedis deploys its energy at manufacturing highly reliable chains. Everything should function to perfection.

## **SEDIS CONSTANTLY GOES HAND IN HAND WITH PROGRESS**

Even if chains are mature products, we still intend to surpass ourselves and innovate. From standardized to “tailor-made” chains designed for new projects by industrials, we ensure diversity of our offer with chains adapted to every challenge. To generate necessary technical forces, increase robustness, in order to enable our products to defy aging.



**DID YOU  
KNOW?**

***A Sedis chain can be found nearly everywhere: escalators of railway stations, dairies, cable-cars, hospital devices, airplanes, theaters and opera houses, nuclear power plants and offshore platforms.***

Sedis has designed a worldwide unique Green Chain for the offshore industry sector used as wave compensation's systems on drilling boats.



# TO RESIST AND OUTPERFORM: THE TOP EDGE QUALITY OF SEDIS PRODUCTS



## **DELTA**

Wear resistance, longer life expectancy, and thus improvement of global cost of use. This technology has originally been developed for small pitch chains by Sedis. We have maintained a continuous progress of our DELTA know-how in order to be able to treat big diameters & parts with unsurpassed results.



## **DELTA TITANIUM 2**

Coated with a sophisticated surface treatment historically used by the petroleum and the shipbuilding industry, this technology has been also converted by Sedis to the chain product. This treatment allows a high resistance to corrosion, abrasion and wear even in salt spray environments.



## **DELTA VERTE**

An environment friendly chain solution based on use of composite materials able to function in water or in humid atmospheres. It reduces the amount of lubrication over the installations, and consequently the relative fire risks, while providing a pollution reduction. Our DELTA VERTE chain helps cutting your maintenance costs while delivering the same durability as a standard chain.



**DID YOU  
KNOW?**

*The Delta Verste chain is invented after a large fire in the London Underground in 1991, to prevent such serious event to happen anymore!*





More than  
**200 000**

Meters of step chains made by Sedis  
over 45 years

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Sedis is present into the French subway, but also in Brussels, Hong Kong, London, Cairo, Montréal, Mexico City or Stockholm subways!



# POWER OF INNOVATION, FORCE OF PROPOSAL

Sedis has always invented to push the boundaries. We have designed the first chain without lubrication which, compared to standard chains, does not require any maintenance! This homemade product enable industrials to protect their environment while increasing their global costs savings.

## **CUSTOMER SUPPORT: OUR PRIORITY**

- E-learning,
- On line selector of transmission chains,
- Specific industry segments brochures,
- Sales support training,
- Average of 20 years of experience of our sales engineers: guarantee of our expertise.

## TWO MAJOR EXAMPLES

**Sedis has successfully managed to industrialize a complex chemical process: the chromization.** This process, well known under the name DELTA, did help Sedis to significantly increase the wearing resistance of the chains and therefore to extend chain service life expectancy to the most demanding applications.

**A chain with self-lubricated bush has been designed for the British nuclear industry.**

The selection of the final material of the bush has been made on a special test machine designed by Sedis as part of internal research on tribological improvement of the pin / bush articulation. A patent has been established and the chain has been called "Sedis Vie", "Vie" meaning that the chain is lubricated for its entire working life. This product has evolved to become the "Chaîne Verte".



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# 240 000

meters of Chaîne Verte sold by Sedis around the World

“We support our customers in reaching their day to day goals and achievements.”

# TO COMMIT OURSELVES WITH STRENGTH

Sedis has always proudly defended its values: quality of our products, customer service, innovation and expertise of our teams.

“ This explains our leading position in France, and amongst the big European and worldwide players. Every day new customers are relying on our expertise: over 40% of our turnover is realized from export to more than 100 countries. ”

And Sedis will continue to go even further with the support of the Murugappa Group to which it belongs, and the values we share: Quality, Integrity, Passion, Respect, and Responsibility. The Murugappa Group is today the representation of a dynamic of investment for an increasingly mobile world and strong industries.

Sedis is also involved on quality and environmental issues: waste treatment, compliance with nuisance conditions and respect of natural environment, involvement in ensuring the continuity of the supply chain, participation to elaboration of new standards of chains.

## **A RIGOUR WITHOUT DEFECT**

- Random selection in every production batch to control geometry, heat treatment, etc. of components
- Control by camera of automated assembly lines
- New products are evaluated on testing machines and compared to previous generation and competitors' products
- Sedis owns a tridimensional measurement machine enabling very accurate control of production tools as well as of complex chain components during manufacturing process



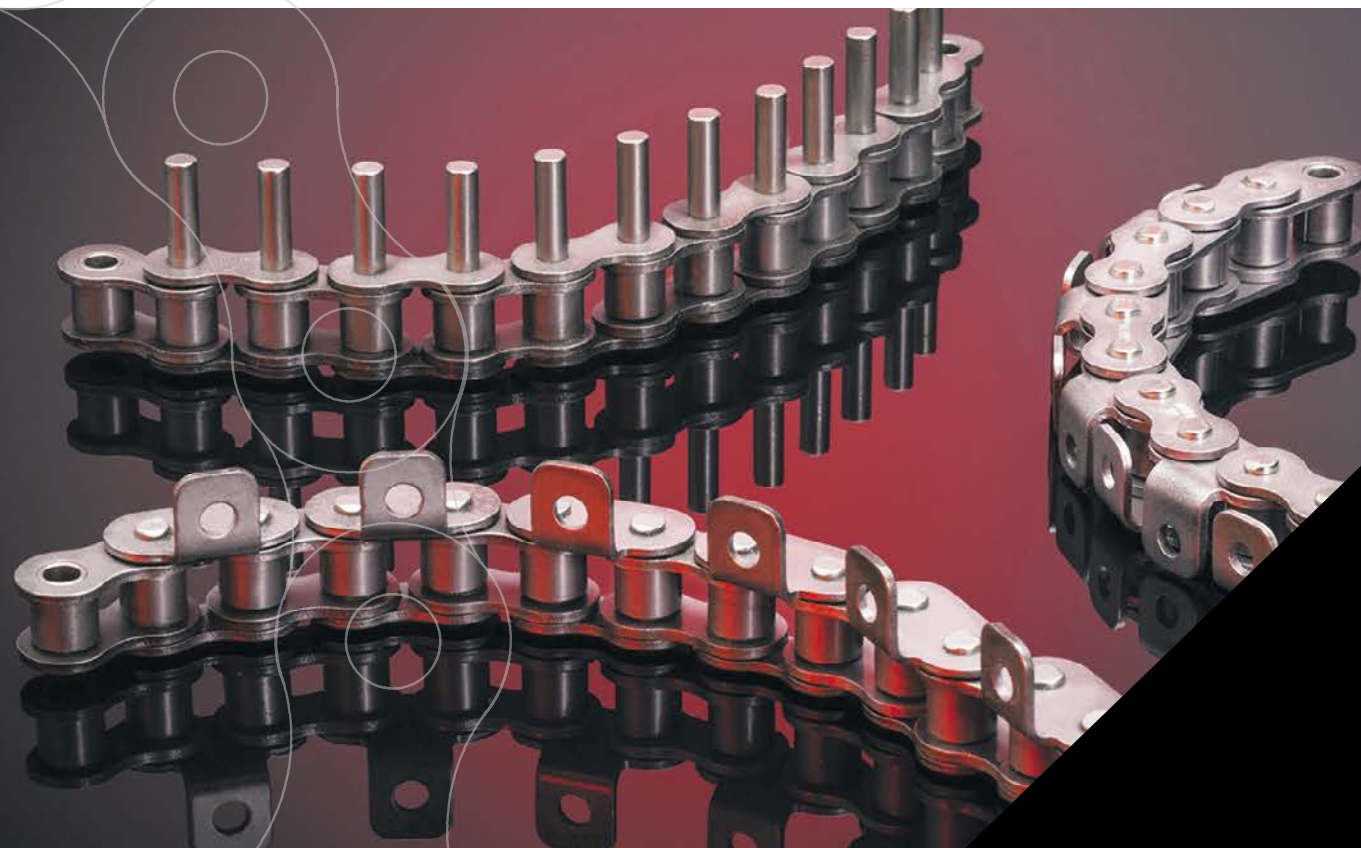
***In 1989, Sedis has been the first chain manufacturer to obtain the ISO 9001 certification!***





**97%**  
our objective in terms of  
customer satisfaction

“We continue to produce in France servicing more than 50 industrial sectors like aeronautics, transport of people, energy or nuclear.”



More than  
**1 million**  
Meters of Sedis chains  
produced every year

The Sedis chains fit the most prestigious places of the French heritage.



# A SUCCESS MADE IN FRANCE

Do you know who was the first bicycle chains manufacturer in 1946?  
Sedis: a French company!

Today Sedis is the uncontested leading chain manufacturer in France, and amongst the top five respected European leaders.

If Peugeot is largely known to the audience, other prestigious companies across the world rely on Sedis brand, synonymous with performance and quality.



**EACH SEDIS PRODUCTION UNIT FOCUS ITS ENERGY ON A DEDICATED TYPE OF PRODUCT.**

**At Verrières-de-Joux factory are manufactured chains with a pitch up to 1" (25,4mm).**

**At the factory of Troyes are manufactured chains from 1 1/4" (31,75mm) up as well as heavy and special conveyor chains, and sprockets & wheels.**

**Production capability is 1100t/year in Verrières-de-Joux and 3000t/year in Troyes!**



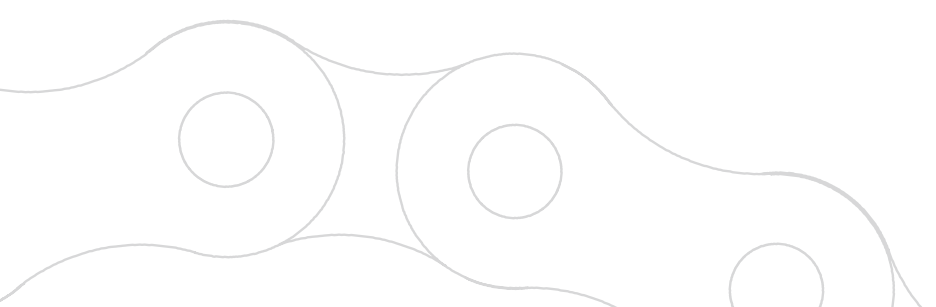
An average of  
**600**  
new chain references  
created each year

“Looking forward, Sedis is already working on chains for the industries of the future: new energies, sustainable development, and equipment for mobility of tomorrow’s cities.”

## ***NEW STRENGTHS FOR THE FUTURE***

Sedis owns its own R&D center. Working on a mature product, our mission is to adapt it to new processes, to build prototypes, to realize tests in laboratory but also on field, to develop new products and innovative patentees.

Sedis is constantly looking for new solutions in particular to improve lubricants, materials and treatments. Our strength is our capacity to adapt a specific technical success to other industries.







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“Every day we develop in collaboration with our customers, products which will enable them to bring tomorrow’s industries forward.”

## **SEDIS: A COMBINATION OF FORCES**

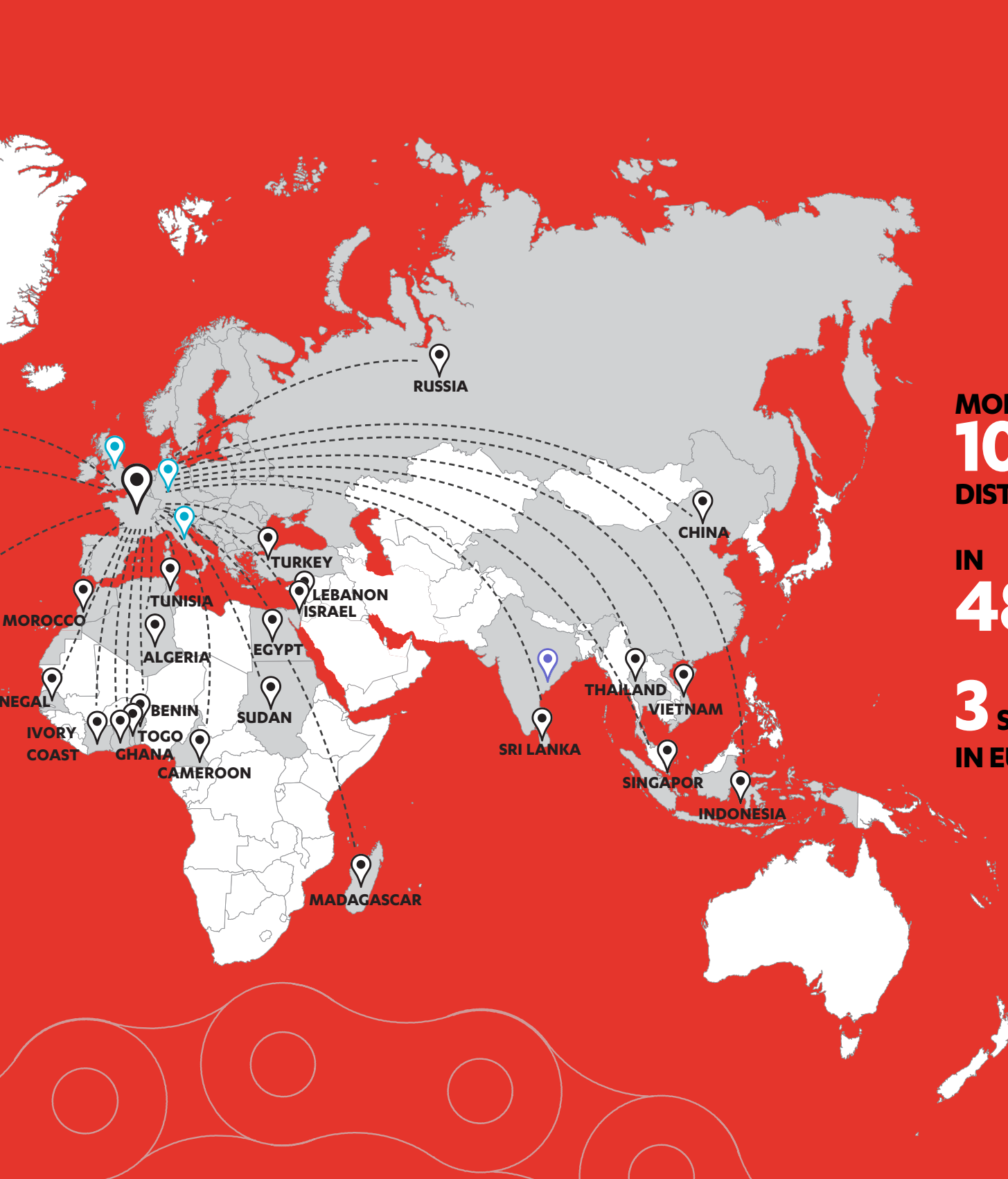
- A French company internationally proactive,
- Technical expertise, technology, and human oriented,
- Unique know-hows,
- Uncompromising quality of chains,
- Constant improvement of the quality of service,
- Permanent commercial and product innovation,
- Permanent increase of investments in manufacturing and R&D.

# **SEDIS INCREASES ITS STRENGTHS WORLDWIDE**

More than 40% of its turnover realized outside France  
On different highly technical industries  
A presence in more than 100 countries  
An international culture with 10 languages spoken  
Three subsidiaries in Europe (England, Germany and Italy)  
More than 100 partnerships with the best distribution points over the world  
And a big ambition of growth

-  **Subsidiaries**
-  **Distributors**
-  **Murugappa**





**MORE THAN**  
**100**  
**DISTRIBUTORS**

**IN**  
**48** **COUNTRIES**

**3** **SUBSIDIARIES**  
**IN EUROPE**

**The high reliability of Sedis chains contributes to build a world even more agile, mobile and strong.**

**Our world, now and in the future, needs strengths to accompany its development.**

**Sedis is here. With its precious know-how, its expertise, its innovation and its services.**

