



REMO BALDASSIN
CEO WPR

Good morning everybody, I want to share with you all a letter I wrote to my team during the first lockdown a few months back:

"We are all going through an unprecedented hard time. As I am writing I am thinking of a lake, on a sunny day, a lake where it's hard to see the shores. We are all swimming with strength and confidence trying to get to the other side. For several weeks we all have been swimming together looking ahead. Every now and then we turn around, trying to see where we started from, every now and then we stop to help someone who is tired... very often I am the one to be helped, I am a bad swimmer, but I am confident that with the help of everyone we will get to the mainland. We often remember how beautiful the shore we left from was; but the urgency now is to look ahead and shape our future. We have to work hard together, to create a positive shore to land on, we have to prepare the

soil, sow, fertilise and eventually, after storms and droughts, the harvest will pay back our hard work". In a strange way we are all equally struck by an unprecedented event that has caught us unprepared as workers, confused as citizens, and frightened as human beings. I am grateful for the strength and tenacity that the WPR-TAKA team has shown in ensuring continuity of service to our customers, working with a civic sense and mutual affection. Luckily, I didn't have the misfortune to experience a war but my parents and grandparents told me a lot about it. I believe that what we are living now is a kind of war against an invisible enemy, which strikes the most fragile, takes away freedom, instills terror. The soldiers are, this time around, doctors, nurses, health wor-

kers, who daily and tirelessly endanger their own safety and that of their families to help our countries.

We are finally seeing the light at the end of the tunnel. I wish us all that 2021 will bring us back peace, laughter, hugs, travels, sharing and freedom.

Merry Christmas.

Thank you from the bottom of my heart,

Memo

Merry Christmas!



ABOUT US



MAURIZIO CARRER
TECHNICAL DIRECTOR OF TAKA

We asked Maurizio Carrer, TAKA Technical Director, what it means to write a technical handbook:

"Writing is an experience that allows you to dig into the heart of the subject you are writing about. After 3 years completely dedicated to the writing of the book, I had the opportunity to resume a great passion of mine: reading. I just read a beautiful book dedicated to novelists, which explained how the starting point of writing a book is not the story itself but a clue that, when elaborated, brings about the manuscript. This brought me back to three years ago when our owner Remo Baldassin told me that it would be interesting to write down all the activities and findings we gather through the WPR-TAKA Academy. My beautiful journey originated from this idea and it allowed me to navigate the maze of the window profiles extrusion and lamination industry. The book begins with the history of PVC and its processing/extrusion and then explores glues, primers, and polymeric

films with an analyses of wrapping machines and the application process. It ends with an examination of the testing needed to evaluate of the bonding of a laminated PVC profile with a polymer foil. Over the years I have collected a great deal of information; drawing on the expertise of my WPR-TAKA colleagues and even more so of our clients. This expertise was doomed to remain scattered among individuals unless someone put it all down in one place. Profile wrapping may seem like a simple process but in reality there are countless variables that determine the quality of a wrapped profile and its durability over the years. All the information gathered and carefully analysed by the WPR-TAKA Academy has enabled us to develop higher performance technological solutions in terms of machinery and adhesives. I really hope that this book is only the start of a long path ahead. Our job gives

us the opportunity to continuously discover new materials and applications: our commitment is to share our updated competence with the entire profile wrapping industry and to create a new state-of-the-art.

Maurizio Carrer

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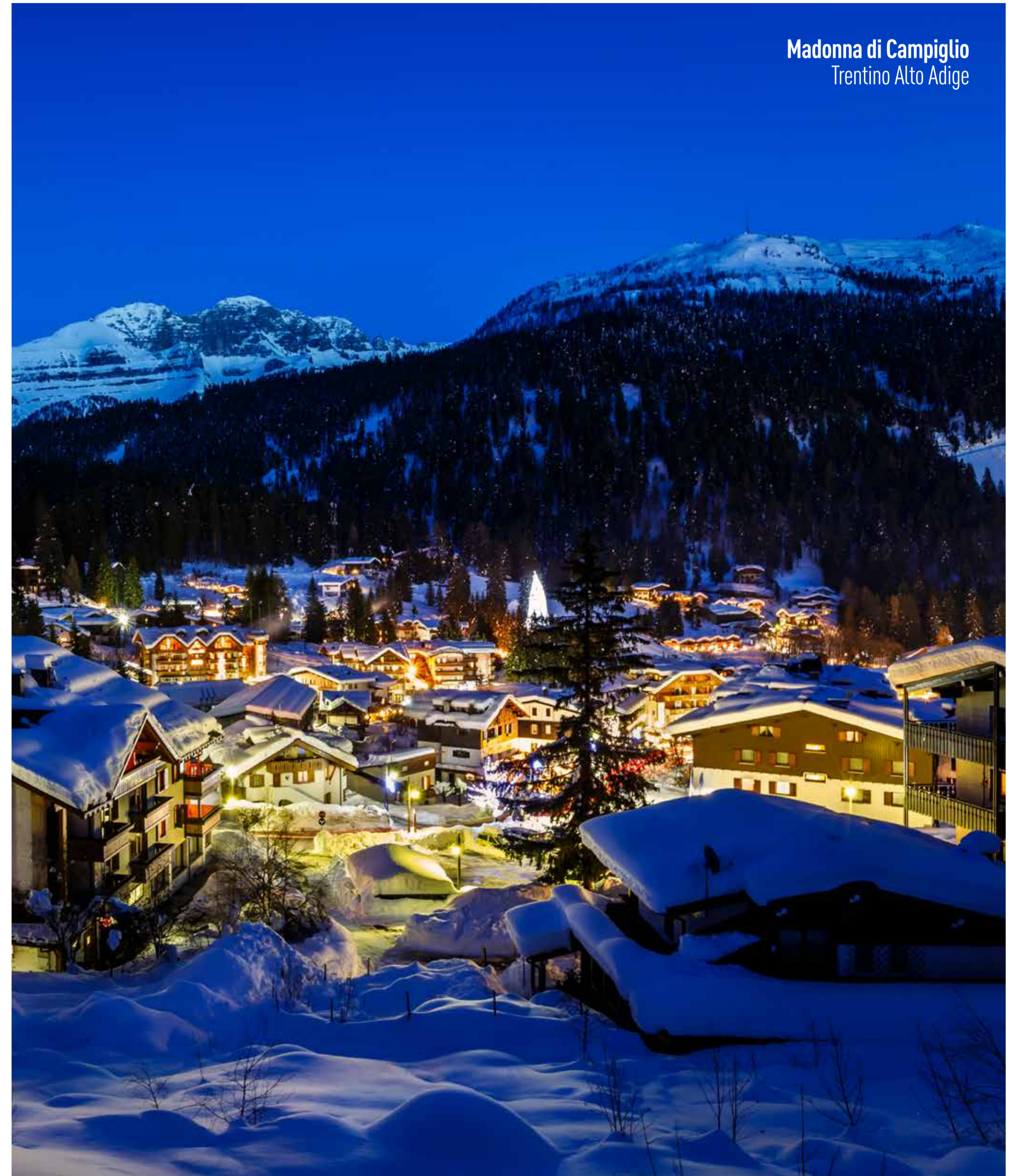
LOOKING AROUND

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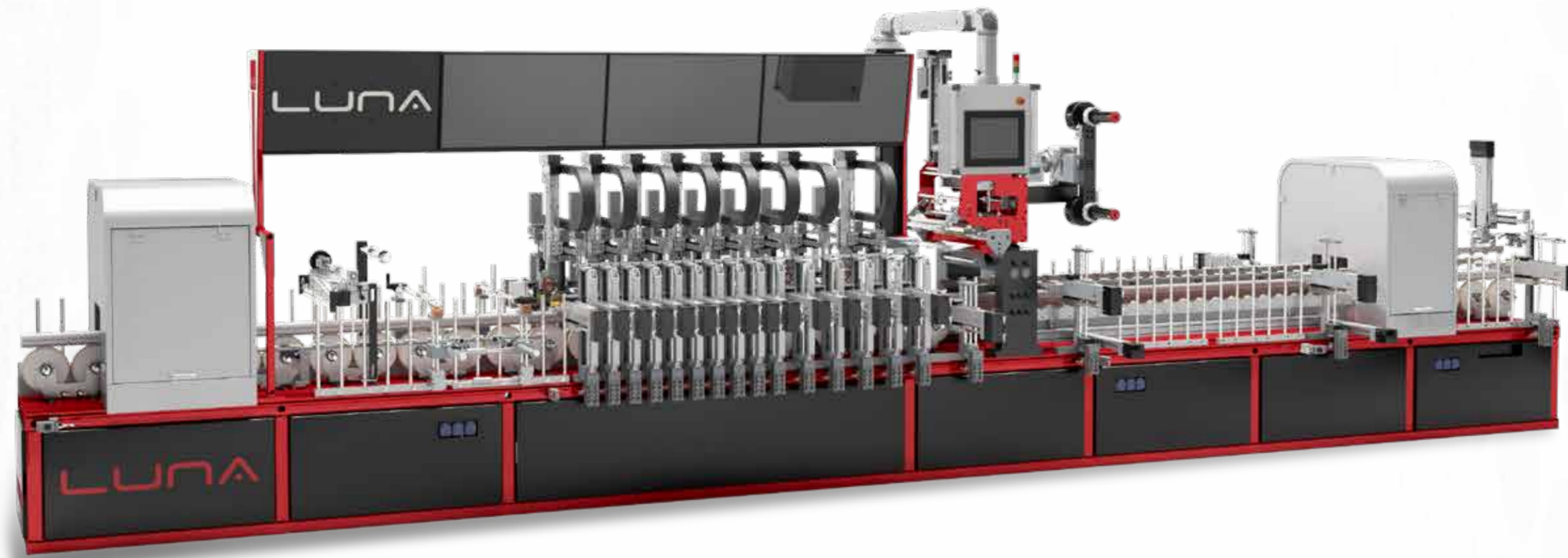
THE NEW GENERATION

OF PROFILE LAMINATION MACHINES



THE ADVANTAGES OF AN AUTOMATIC MACHINE

- Reduction set up times by 70%
- Reduction stock opening up cash flow
- Reduction waste while increasing profitability and reliability
- Guarantee the repeatability of your products and service to your customers
- Reduction the delivery time of the finished product while acquiring competitiveness



LUNA-R

WHY NEW GENERATION?

- LUNA-R intelligently integrates the application process expertise hitherto scattered among individuals
- LUNA-R automatically manages all phases of the process, eliminating human error by 90%
- All the production parameters are interfaced with the management systems in use in the companies, creating a traceable production archive
- The state-of-the-art electronics used for the new generation of machines brings countless additional advantages in terms of savings, performance, maintenance, durability and sustainability
- Because it is the world's best-selling automatic lamination machine!
- To combine all the above benefits with a decisive element: the certainty of the quality of the finished product

STRATO

A MANUAL MACHINE WITH THE HEART OF AN AUTOMATIC ONE

- Automatic control of the application process
- Material savings that allow a fast return on investment
- Repeatability of the process
- Quality of the finished product
- Sustainable production
- Significant reduction of energy consumption



ANDREA ALESSANDRINI
CHIEF EXECUTIVE FOUNDED



Andrea Alessandrini, Nobento's chief executive founded in 2008 that produces high performance windows and doors, has undertaken an elaborate restructuring of the company, reviewing all internal functions from production to sales: This has increased Nobento's sales from 3 million to 23 million euros.

What is Nobento's strength?
We are dynamic, highly technological and we seek excellence in design, lean production, and product quality. Certified UNI EN ISO 9001: 2015, Nobento is a symbol of the innovative 4.0 industry where repetitive operations are delegated to machines, while people use their higher skill levels to focus on creativity and design.

What makes this company unique?

The internet of Things, Cloud Manufacturing, Advanced Automation: a fast and interconnected model. Nobento's uniqueness lies in the enhancement of human capital, in its continuous training and attention to the welfare of its employees.

What is the product that makes you most proud?

TERMOFIBRA is the revolutionary Nobento window frame structure that combines the thermal reinforcement of the frame with the resistance of the continuous glass fibre of the sash profile. Thanks to the fiberglass steel reinforcement is no longer needed. The window is 30% lighter than traditional PVC and steel profiles with 20% more brightness.

What inspires Nobento to create high quality products?

The constant research of new technologies intertwined with great attention to the environmental and social context that the company incessantly pursues. Nobento has created 200 jobs in five years

Are you working on new products?

We are launching TERMOMATERIA, which we like to call the window revolution because it combines an eco-sustainable spirit with technological innovation.

What made you choose WPR-TAKA as your partner?

Wanting to respond to the growing market needs led us to invest in STRATO, the new generation WPR-TAKA wrapping machine that allows us

to reduce profile wrapping time and therefore significantly reduce the final product delivery time. WPR-TAKA was warmly recommended by our system partner who depicted them as extremely innovative and reliable.

Why is this collaboration important?

The collaboration with WPR-TAKA is strategic because it allows us to improve our service. In addition to the strong reduction of delivery time bringing the profile wrapping in-house allows us to have real time control of the quality and to prevent any issue.

What are Nobento's plans for the future?

We have prepared a new industrial revival plan aimed at encouraging the birth of a new innovative manufacturing district. This will create new jobs; 300 units are expected within three years; it will attract new companies that will generate more business

How does Nobento see the future of the window industry?

The growth potential is comforting. National incentives help to counter the recessive impact of the global pandemic. In the future, the market will be ever more sensitive to products that meet environmental standards and will reward companies that have adopted a sustainable business approach. Nobento has been following this path of sustainability for years. This combined with customer care is our guarantee of success.



COMPETENCE IS THE HEART OF THE FUTURE!

Comprehensive expertise of the wrapping process

Trainings targetted to optimize the production process

Tests to proof the quality of the product

Development of tailor-made solutions and processes

Consulting, analysis and technical service