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ATB GROUP: POOL OF COMPETENCES TO GROW IN THE MARKET

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ATB MAG

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TABLE OF CONTENTS





Page 18

NAM THEUN 1 - MOVING FORWARD

Page 21 In Focus - Alto Maipo

Works continue at Las Lajas power shaft

04 Civil Construction & Industrial Services



Page 22

TARANTO: RECORD TIME TO BUILD THE FOUNDATIONS FOR THE ORE STOCKYARDS



05 COLUMNS

Page 24 Short News

Page 25 Orano - ATB joint team

Page 26 A history for the future 1920 Yanacoto Peru

Page 28 ATB IN THE WORLD Malawi

Page 30 2019 Trade Shows



Page 4

ATB GROUP POOL OF COMPETENCES TO GROW IN THE MARKET

Page 6

HEAVY EQUIPMENT

Page 8

HYDRO-MECHANICAL EQUIPMENT

Heavy Equipment

Page 10

RENEWABLES

Page 12

CIVIL CONSTRUCTION & INDUSTRIAL SERVICE



Page 14 SANNAZZARO

Page 16 Picture Gallery HOT FORMING PRESS

01 ATB GROUP: POOL OF COMPETENCES TO GROW IN THE MARKET

The new reorganisation project designed by Sergio Trombini started last January: a new name for the group and four divisions focusing on four specific business sectors.

he organisation model through which Sergio Trombini wanted to give a new structure as well as a new name to the industrial group he heads was kicked off last January 2019. ATB Group replaced Fintro Group in their permanent staff and becomes a pool of competences that is reflected in the variety of companies that the Group comprises. At present, the new management structure consists of four divisions: Heavy Equipment (that includes Oil&Gas and Nuclear),

Hydro-Mechanical Equipment (formerly Large Hydro),

Renewable (Small Wind and Small Hydro), and Civil Constructions & Industrial Services (sectors mainly controlled by Semat).

This reorganisation was devised to attain a clearer and more recognisable corporate structure that over time, has operated over varied and heterogeneous kinds of businesses. In an interview with Sergio Trombini, President of ATB Group, he explained the vision underlying this strategy, and the main objectives to be attained in the next few years, with the support of the management: «We would like to consolidate the historical markets of the Group, to develop new products and trade opportunities and investments, and to enhance human resources», says the entrepreneur. «This is because over time, we have taken part in different businesses, each of them with their own rules and dynamics», says Carlo Scolari, CEO of ATB Holding, who has been working for the Group for more than ten years. «Therefore, we had to concentrate our resources on specific activities, homogeneous and coherent on to the other, in order to identify clear objectives and responsibilities. To add our desire and capacity to do into a very organised context will enable the Group to attain even more important goals in the near future.» The intention behind changing both



name and logo, and recovering the focus on ATB as the main brand was to leverage a solid brand, well known around the globe. «Our journey began about a year ago and it is the result of a long debate with the President who has led us to share this new organisation» - adds Scolari. «In a comparison with the past, for instance, the managing director have been given much wider operation powers, which is tangible expression of change.»

Sergio Trombini,
President of ATB Group
Picture: ATB Group archives



Consolidating Markets in which the Group Operates

One of the four key points of the strategy is to consolidate the historical markets of the Group. This implies, first and foremost, to continue the joint work with the steel plant of ArcelorMittal Italia in Taranto, to remain in the oil&gas market of large reactors, to strengthen the bonds with the main large-hydro clients, to seize the chances in the renewables sector in Italy and Albania where the company has successfully delivered works in the last years.

New Products and Customers

While containers to transport and storage waste fuel for the nuclear sector- intended to increase the range of products offered-, the Group is analysing further additions to the range of Heavy Equipment. The experience in the fields of construction and industrial services gained while working at the former Ilva plants will surely be the company's perfect presentation card not only in Italy but also in the whole Europe. On the other hand, speaking of large hydroelectric works, the Hydro-Mechanical Equipment Division is getting organised from the commercial and operations point of view in North America. ATB Group has never operated there before; this market is proving quite active and promising in the future.

New Investments

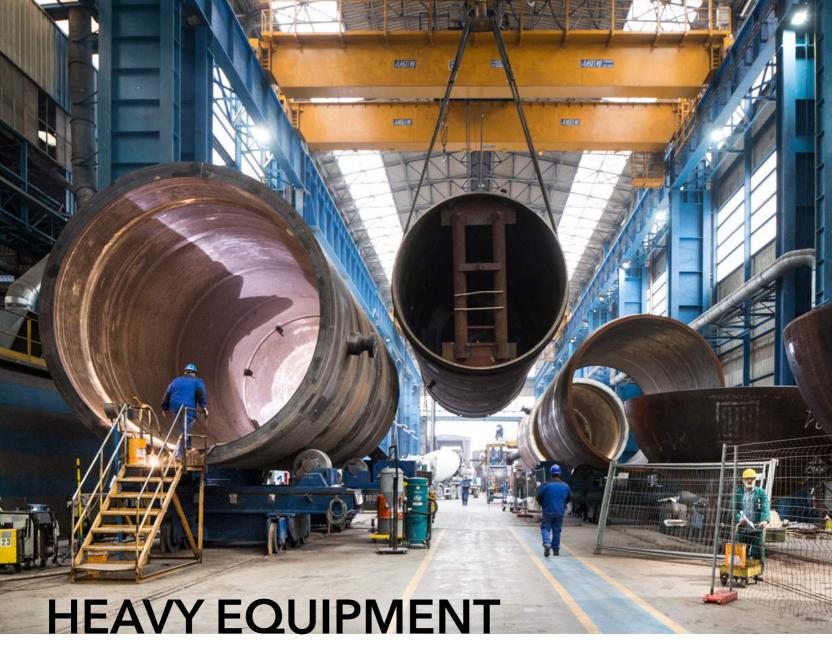
The new organisation structure has been also backed by solid investments- more than 10 million euro in 2018 and an equal amount planned for 2019, in order to achieve the maximum production capacity. The fleet of the Civil Con-

struction & Industrial Services was renewed the last months; the works to modernise the warehouses at Roncadelle and Marghera, to upgrade the equipment at the hydro-electric sites, and to develop new products and licences in the renewables sectors keep on progressing.

Enhancing Human Resources

At the heart of the reorganisation devised by Trombini lies people and their skills: besides investing in fleet and facilities, the entrepreneur wants to use resources to ensure the Group gets new skills, young knowledgeable and motivated people who can give a future for the companies of the Group. Therefore, the human factor is the keystone to reach every goal; the human person is the essential element to be encouraged and protected by means of safety at work and welfare policies.

The effects of the change are already been seen- during the first quarter ATB Group tested new operation methods, mainly by implementing the Management Committees for each Division in order to monitor the commercial and operational developments every month and to start short-and medium-term projects. The prospects for the current year are positive: 2019 opened with a good dose of optimism due to an order book over 200 millions that could be further increased progressively. The gross profit margin is kept, despite the increasingly fierce competition in all the sectors: 2018 closed with a product value equal to about 165 million euro; the target for 2019 is to go back to over 200 millions.



Key word: innovation. From the business models to research, to lean manufacturing

ore than 2,600 pressure vessels designed, manufactured, and shipped to every corner of the world. This figure suffices to explain the know-how and production capacity that ATB Riva Calzoni has made available to the main

international petrochemical companies from the second half of last century to date. Aiming at making the most of this experience and at giving the company the chance to apply it in other businesses, the Oil&Gas Division was changed to broaden its field, and became the Heavy Equipment Division since January 2019. This transformation helped consolidate the company's status as an international leader that supplies critical equipment to refineries and petrochemical plants, and so the company aims at conquering the nuclear market, a goal in which Sergio Trombini has invested people, machinery, structures and resources in the last years. The road ahead that the division has to cover is marked by targets to be reached along a growth progress. The first challenge to be overcome is innovation: «To achieve this, we created a unit specifically focusing on innovation processes, paradigm shifts, and applied research», explains Luigi Redaelli, HE Managing Director.

Diversification and research of new markets are the guidelines specified by the manager: «How? Via new collaborative business models, by establishing relationships with partners, suppliers and customers, and leveraging our wor-

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«Diversify, create new collaborations and leverage our worldwide sales network»

 Assembly steps at the Porto Marghera Plant, Venice

A snapshot of one of the two daily Lean Manufacturing meetings to schedule the activities of the Heavy Equipment -Nuclear Division

Picture: Filippo Romano

Idwide sales network», adds Redaelli. To attain all this, ATB started by updating the manufacturing logics in order to be more competitive. With the ATB Manufacturing System, the entire planning and manufacturing system was revisited from a «lean» point of view to optimize activities, reduce waste, automate and digitalise processes for an Industry 4.0 approach. All these new things are also advantageous for the nuclear sector. «We keep on manufacturing casks», comments Redaelli. «Our new organisation and our know enabled us to make and industrialise a new product in very short times».

All this thanks to investments as well as people: «We hired external professionals and developed an in-house group of young people with high potentials who can contribute new, fresh, and original points of view», adds the Director. «Besides, we are making a considerable effort so that the innovative processes remain stable and under control, and to provide the conditions so that people work in total safety. Because this is our #1 objective».

01

The benefits of significant training, intense during 2018 and marked also during 2019, will make the difference. «Today's market is volatile and uncertain; a person cannot have only technical skills. Skills should be as broad-covering as possible in order to tackle any weak signal of the market with decision and timely», stresses Redaelli. The HE Division can have an important backlog until 2021. There are processes under way in Kazakhastan and Korea; they will be concluded by summer. The work orders of Cepsa (Spain) and PSS (Thailand) are in progress too.

The contracts with Technip to supply equipment to Egypt, and with Thyssenkrupp, Saudi Arabia, has just been signed.



«At present the load of work is high», adds Redaelli. «Therefore, we must direct the efforts of the team towards results, and we do so by believing in open relationships, based on the pillars of transparency, trust and mutual respect».

HYDRO-MECHANICAL EQUIPMENT

Main projects under way



Best realization performance with a supply chain dedicated to the hydro-power field



o optimise the engineering procedures and the manufacturing activities to be more and more efficient and respond to the needs of an ever demanding market in terms of times and qua-

lity. For the Hydro-Mechanical Equipment Division, headed by Enrico Camparada, the main objective of the new organisation is to make order processing more efficient. A new, operation-associated structure was created last January so that the Division can best follow all the realization steps. «Overall, the new corporate structure has been devised to optimise engineering and operation, trying to standardise the realization process of the different components, from manufacturing to assembly», says the HME Managing Director, «with a supply chain fully dedicated to the hydro-power sector».

For Camparada and his team the objectives on which they will have to work over the next months are clear and well-defined: to maintain the know-how in order to improve products continuously, to pay utmost attention to all aspects in connection with safety at the site and observing environmental standards, and to consolidate the presence of the Group in the market where it already operates and to conquer new commercial spaces not yet explored.

01

In the last year, ATB Riva Calzoni has reinforced its structure in the Canadian market- a workshop was opened in Vancouver after the company was awarded the tender to supply the hydro-mechanical components for the Site C project of BC Hydro - «and now we are aiming for developing commercially in the whole North America», adds Camparada. «Our worldwide map comprises North and South America, Africa, Asia and Europe».

The year 2018 also closed with a volume of sales that outperformed the previous years, with a significant backlog for the period 2019-2021. The year 2019 also shows a very positive trend, and promising scenarios are starting to emerge.

For sure Africa is one of the areas to be watched because during this historical period it is showing a great interest in hydro-power. «On the African front, we concluded several projects last year, such as the revamping of the Massingir Dam in Mozambique, and now we are starting new projects financed by international organisations», explains Camparada. «At present we are working in Uganda, Malawi and Ethiopia».

Besides Site C in Canada, ATB is actively operating at the Alto Maipo hydroelectric station in Chile, in Beaumont Monteux in France, in Koysha in Ethiopia, at the Nam Theun 1 sites in Laos, and in Achwa in Uganda, as well as in Mosul in Iraq and Kamuzu in Malawi.

RENEWABLES

Synergy and development for clean energy

new division based on the experience gained by a company that, for over a century, has been a leading player in the market for manufacturing components for the energy sector. They boast a long history as trail bla-

zers in the design, manufacture and installation of power generation units from clean sources as well as a promising future as developers of higher performing, greener and more sustainable technologies. That is how ATB Riva Calzoni Rinnovabili was born- a division of ATB Group dedicated to the world of Renewables created to enhance and exploit the know-how of the Group in the fields of Small Hydro and Small Wind. At present, the activities are divided between the workshops in Verbania and the plant in Artogne; in this way, the company (formerly Hydro Energia) was able to further strengthen its autonomy and manufacturing capacity and to enhance the mechanical assembly know-how. The division, led by the experienced hands of Elmondo Presutti, is equipped to play its part in widening the business reach of the Group.

The first steps were at the Small Hydro sector controlled in the last years mainly in Italy, by means of Hydro Energia which Trombini acquired in 2016, with three different lines of action: revamping of old hydroelectric stations to be remodelled and upgraded; supplying 'turnkey' Water to Wire solutions (turbines, generator sets, controls, electrical and automation installations); maintenance services for existing installations. «We are looking at Italy, at Europe, at South America, Africa, and Southeast Asia», says Presutti. «The target is to further increase the volumes by diversifying the markets and trying to included new countries». Thirteen hydroelectric units were installed last year for a total power of about 50 MW, among them was the first 20 MW Pelton turbine. The wind turbines installed totalled eight; they were of different powers-from 60 to 850 kW, and the last one was 850 kW and was commissioned in 2018. The Small Wind solutions also follow the 'turnkey' formula, organised on two platforms of products: machines from 50



to 100 kW, and from 500 to 850 kW. These kW perfectly adjust to the markets in which both rates and incentives favour the generation of energy from renewable sources. «The model in which we believe is that of small plants, close to the consumers, who in this way, may become investors», adds Presutti. «This can be done thanks to the technology that makes it possible to handle more complex networks nowadays than we were able to handle in the past». ATB is also materialising its presence in the wind power sector in Italy- where the scenario could be especially promising from the entry into force of the Decree on Renewables- as well as abroad. «At present, in both the Small Wind and the Small Hydro sections», concludes the Managing Director of ATB Riva Calzoni Renewables Division, «we are making large investments to obtain the maximum performance of our products, and to develop systems to manage and monitor installations remotely».

- Hydroelectric turbine at the facilities of ATB Riva Calzoni Renewables in Artogne (BS)
- ← Wind turbine, 500 kW, installed in Scotland

Picture: ATB Group archives

CIVIL CONSTRUCTION & INDUSTRIAL SERVICES

Integration, diversification, sense of belonging

144



s a result of the new organisation, Semat, an industrial building company founded by Sergio Trombini back in 1981, becomes the fourth division of ATB Group: Civil Construction & Industrial Services.

To support and guide this new course, Danilo Serioli was called to the helm- he returned from a long experience in Malaysia working for MMHE-ATB, and at present he is the General Manager of Artogne. Two are the challenges that Semat had to face from the first days of this year: safety at work and diversification. «In January we started to work to improve all legal aspects in connection with protecting worker's integrity, health, and well-being at work. We fine-tuned a plan and the best practices were applied to improve the general safety levels», explains Serioli. «The course materialised in the project called 'Sicurezza in Chiaro' that actually reinforced the staff in the workshops associate to this activity». The results were almost immediate: during the first three months of the year, there was a marked reduction in the number of accidents at Semat. «To attain this, a cultural change was needed, which required that all the internal forces of the organisation played their part», adds Serioli.

As explained above, the second cornerstone of Semat's strategy was diversification. «For over twenty years now we have been present and working at the former IIva plants (now ArcelorMittal Italia) in Taranto as a reliable partner of one of the largest steel mills in the world», says the Manager. «Besides strengthening this long-standing joint work, we are well aware that in the future we have to attract new customers, companies in the iron and steel industry or in other sectors. I am thinking, for instance, about the energy companies». To diversify and to integrate are the keystones of the development desired, that includes the acquisition of the majority of Sid- Societa Italiana Demolizioni- that completes the package of services offered by Semat in the civil engineering sector.

«A vertical integration of customer services and a horizontal integration that allows, as part of the ATB Group, to offer added value to job orders that involve other divisions of the Group», stresses Serioli. «I am thinking about small hydro projects in which Semat may be in charge of the civil engineering aspects of the hydroelectric power stations. This complementarity of the divisions is a competitive advantage».

The new corporate organisation translates into a modification of the organisational set-up of both roles and tasks. «We are investing in introducing specialists in contracts written in English and personnel who can work in a multi-cultural environment», concludes the Managing Director. «But there is much more, we are doing all we can to help our professionals grow and to raise awareness and their responsibilities of their position, to create a true corporate culture, and spread the spirit of belonging». The short-term prospect is to intensify the presence of the division in Italy and in the countries where it is based (France, Belgium, and Germany), and afterwards to spread and expand the business beyond the European borders.

> Building the hot-dip galvanisation system Coils 02 of the ILVA plant in Novi Ligure.

Picture: ATB Group archives





None of the two ← process separators made for the Eni refinery in Sannazzaro

Picture: ATB Group archives

atb-group.it

Heavy Equipment - Sannazzaro

O2 SANNAZZARO: ONE YEAR OF WORK AND SATISFACTION

ATB Riva Calzoni successfully finishes the equipped workshop inside the Pavia refinery.

t took twelve months to conclude a complex project, but the highest level of quality and efficiency are guaranteed as well as total adherence to the timeframes stipulated in the contract. The experience of ATB Riva Calzoni in Sannazzaro de' Burgondi

has come to an end successfully and satisfactorily. In the last year, the company has worked tirelessly inside the ENI refinery in Pavia to make a set of essential equipment for two areas of the petrochemical installation. The first order, for Eni S.p.A., involved designing, building, and supplying D2301n reactor to increase the potential of the refinery which currently can produce more than 10 million tons of crude oil per year. The second

step, commissioned by Eni Progetti, entailed using ATB production capacity for engineering and manufacturing two separators to be installed in the EST (Eni Slurry Technology) section of the plant, an annex to the refinery created in 2013 for processing waste to obtain pure products such as naphtha, valuable middle distillates, and diesel oil.

A feature that makes this job so special is the dynamics with which the ATB Heavy Equipment staff had to handle the operational and the production sections by involving workers from Roncadelle and Porto Marghera at the same time in order to make the most of the temporary yard built within the refinery. Works started in January 2018 when the workshop was set up; in April it was officially opened and production started, and everything was completed in December. «All activities, other than manufacture and NDA and hydraulic tests, were completed in eight months», highlights Riccardo Rossi, Project Manager of the HE Division. Similar methods were implemented at the Great Falls in Montana many years ago.

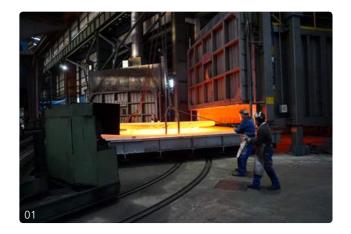
In Sannazzaro, since 2008 to date «we have been in charge of four projects for the Sannazzaro refinery, all of them delivered to the customer's expectations and full satisfaction», remembers Francesco Squaratti, Heavy Equipment Commercial Manager. «And that is how we consolidated our

We created a single team together with the Eni engineers and technicians, which was fundamental joint work with Eni». To attain such results, ATB 'fielded' qualified personnel, implemented technologically advanced welding processes and employed project management know-how. «We created a single team together with the Eni engineers and technicians, which was fundamental», stresses Squaratti. Over a twelve-month period, the team at the yard consisting of 20 workerswelders, operators, workers in charge of NDA and testing, all supervised and

guided by Giordan Pellizzon- worked tirelessly even on holidays or extra night shifts.

At present, the warehouses set up in the area assigned to ATB are being dismantled, whereas the HE Service is refitting a reactor of the Pavia installation. «We are reconditioning the system that measures temperature and repairing the distributors», explains Nicola Terlizzi, ATB Service office. «The works, contracted before Christmas, will be finished by June».

HOT FORM







ING PRRESS Precure Gallery Stapshots by Alessandro Carboni







NAM THEUN 1 MOVING FORWARD



40% of the works for the penstocks of the Laos project has been completed

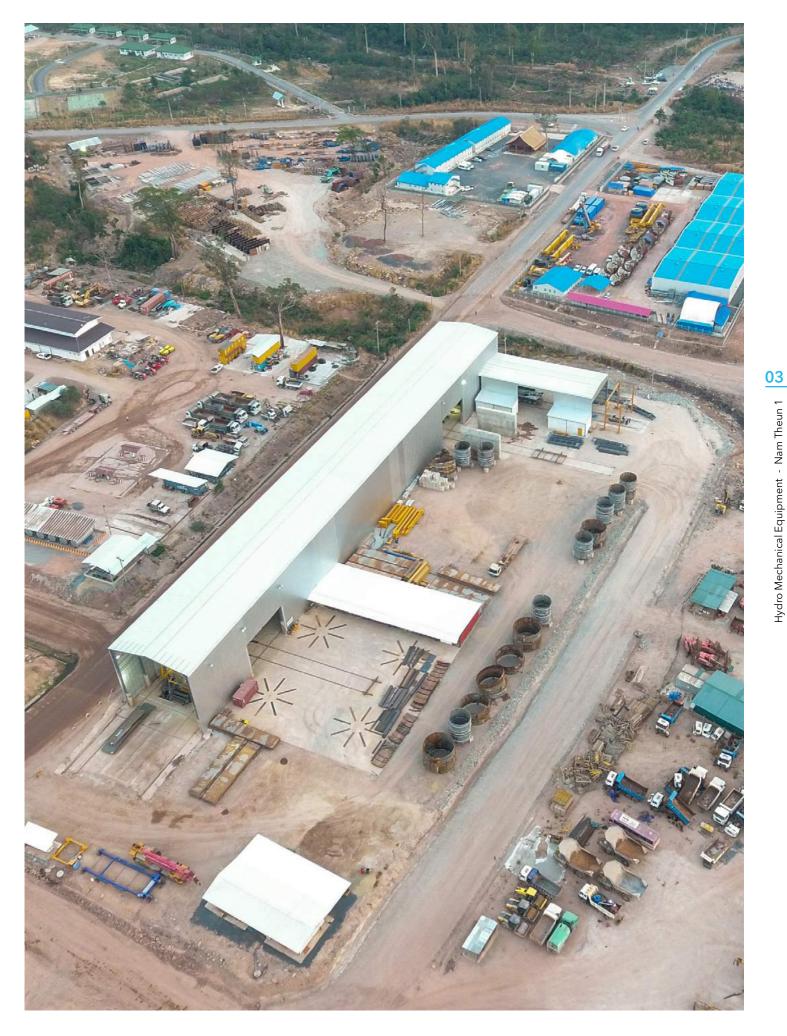
Nam Theun 1

The temporary workshop consists of a first work area plus a calender and two overhead cranes (30 and 50 tonnes), a second area with a turning roller, and all the equipment needed for circular and longitudinal welds, and a third and last area specifically for NDA and varnishing.

Picture: ATB Group archives

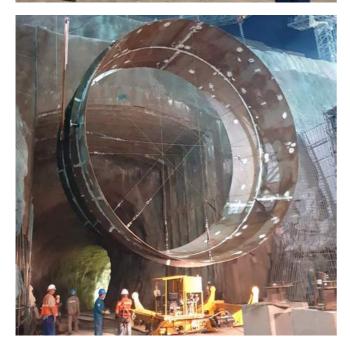
he works are running well and smoothly at the site in Nam Theun 1, the hydroelectric plant being built in the Province of Bolikhamxay, Laos, over the Nam Kading river, a tributary of the Mekong. Once fully operational, this project will supply power to be channelled to domestic consumption by EDL- Electricite' du Laos, and to be exported to Thailand by EGAT (Electricity Generating Authority of Thailand). The project involves building a an RCC (Roller-Compacted Concrete) dam that will feed a hydroelectric plant with an total capacity of 650 MW generated by three turbines via pressurised tunnel. The team of the Hydro Mechanical Equipment Division of ATB Group have been at the site since the second half of 2018 to make and install the hydro-mechanical equipment required to operate the installation. ATB is currently making progress in the prefabrication steps, which is already completed for the components of the pipes of the branches, that is, the end section of the penstock

03









A six-meter long cone with a diameter of eleven meters that is to be connected to the turbines and the generation section. The prefabrication of the circular section of the bottom outlet (about Ø 5 meters) of the system was finished in March and will be installed next June 2019. As regards the penstock, the upstream three-section transition is already installed; it is the first

stretch of the low pressure penstock. Once the cone is positioned, the jet of concrete is injected. Transporting the different components has not been an easy task. «To move the pipes from the prefabrication area to the place where they have to be fitted, we needed a self-propelled motorized trolley», explains Andrea Guerini of the Fitting Office of the HME Division.

«This endeavour was far from simple in terms of planning, logistics and managing since we are speaking of six-meter long pipes with a diameter of eleven meters». Two large crane trucks (400 tons and 60 tons) had to be used to overturn and install the sections of the penstock inside the tunnels. «We had to resort to a hydraulic trolley, designed and developed by ATB, to handle and place the cones and the per shells inside the tunnels», adds Guerini.

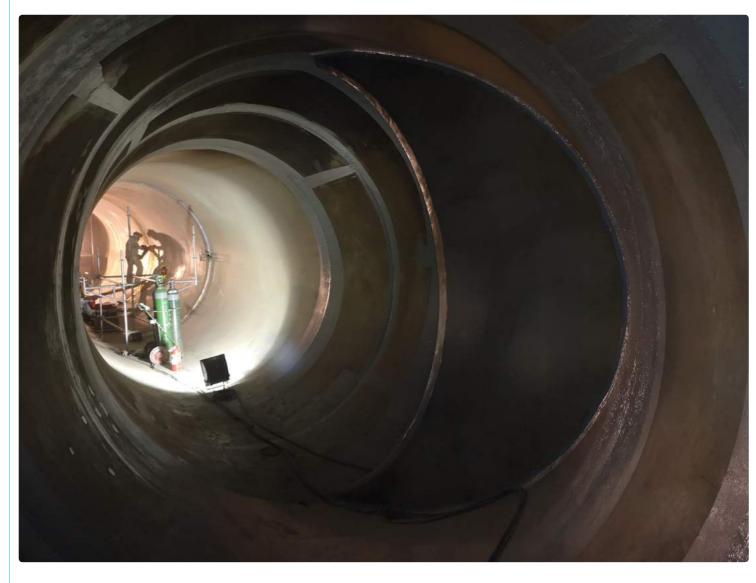
So far 40% of the works to build the penstock- a total of 3600 tonnes of steel- has been completed, and they will be finished by April 2020. One portion of the production requested by the job order is being handled at the plant of ATB Colombia. «The first of the two bifurcations will soon be shipped; in the meantime, we are building the second», explains Cavaliere, Project Manager, HME Division. «Both the upstream and the downstream transitions for the bottom outlet have been completed and about to be shipped. They will be fitted in late summer».

On the other hand, at the Roncadelle workshop, April to May have been devoted to testing the flat gates of the bottom outlet, and testing of the radial gate is about to be completed. In general terms, the project is meeting the projections with a 23% progress.

> Carrying by road and
> handling the sections
> of the penstock of Nam Theun 1.

Picture: ATB Group archives

In Focus - Alto Maipo Works continue at Las Lajas power shaft



Welding inside the bifurcation of the hydroelectric plant of Alto Maipo, Chile. Picture: ATB Group archives

ATB Riva Calzoni is continuing the assembly operations at the Chilean plant, fully meeting the customer's deadlines The deadlines scheduled are met and the rate of defects is practically zero. The assembly of the Las Lajas shaft at the Alto Maipo hydroelectric plant in Chile is continuing successfully.

In the last weeks, the hydro test on the bifurcation was completed. This test is necessary to verify the tightness of this critical component to the internal pressure to which it will be subjected once it is operating. Given the size of the bifurcation, it was assembled and welded inside the installation tunnels. The upstream shaft penstock is been fully fitted, and has been welded up to the upper elbow, while the assembly of the downstream shaft and of the upper horizontal penstocks is under way.

«We are very satisfied with the results achieved so far», says Andrea Guerini, Construction Department Manager of ATB Riva Calzoni. «We are advancing at a good pace, in line with the projections and at a very, very low defect rate despite the fact that the type of carbon steel we are using in the project is difficult and complex to work with».

<u>04</u>

TARANTO: RECORD TIME TO BUILD THE FOUNDATIONS FOR THE ORE STOCKYARDS

The works in the former Ilva steel mill completed in 5 months

he third arch of the roof for the ore stockyard of the former Ilva plant in Taranto was built and finished eighteen days before the scheduled deadline. When this project, that has created great expectations among the population, is comple-

ted, it will play a key role in containing dust particles in the

air. More specifically, the purpose of the project is to safeguard and protect the land and inhabitants of Tamburi. 50% of the upper structure was completed by the end of April; all the minerals present in the main stockyards will be moved by the end of 2019. Almost 19 months before the deadline set by the Decree of the Chairman of the Municipal

Council issued in September of two years ago, as specified by ArcelorMittal Italia, the new owner of the iron and steel plant in Puglia. The roof of the fossil yards will be finished by May 2020 instead, and in this case, it will be also completed earlier than scheduled by the same Decree.

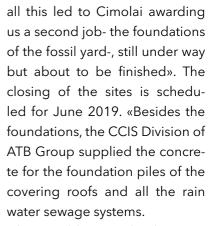
This is one of the most important jobs required by the AIA (Italian for Integrated Environmental Authorisation), and it forms part of an ambitious and strategic Environmental Plan that earmarked a total of 1.15 thousand million euro to be invested by 2023 to turn the Taranto plant into the most advanced single-site steel mill in Europe.

To speed the works assigned to Cimolai, the part played by

the Civil Construction & Industrial Services Division of ATB Group was essential; the division is in charge of the foundations for the safe confinement structures.

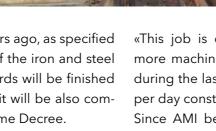
The commercial relationship with Cimolai was formalised in 2018, when Semat, a company belonging to the ATB Group, was awarded the job order for the foundations that will support the structures to cover the primary and fossil yards.

«It took us five months to build the foundations for the primary and fossil yards», explains Giandomenico Cuscela, General Manager at Taranto for ATB Group. In this first job we worked speedily, we showed we are dependable, and



«This job is quite demanding», adds Cuscela «because more machinery, staff, and equipment would be needed during the last stage». So far the site is employing 60 men per day constantly.

Since AMI became the official owner of the former Ilva plants, this project has become one of the most significant project ever handled by the Civil Construction & Industrial Services, that has been present at Taranto as Semat for more than twenty years. Their performance ensures to the new owners that all the client's deadlines as well as the quality standards of the final results will be met now and in future projects.





 Aerial view of the ore stockyards at the former Ilva plant

Picture: AMI website

↑ Workers at the Taranto site

Picture: ATB Group archives

SHORTNEWS

Trainees of the IIS visit Marghera

Last February, a group of trainees of the Istituto Italiano della Saldatura visited the ATB Riva Calzoni facilities in Porto Marghera to get a first-hand experience of the daily welding activities at the Venice workshop. The group, accompanied by Egidio Birello, Head of the Venice Regional Office of the Istituto Italiano della Saldatura, was welcomed by Alessandro Filosi, NDE Level III & Laboratory Manager of ATB Heavy Equipment Division, and took a guided tour around the premises. «This is a key experience for our student, experts, and engineers, who at the end of the course will be awarded a certificate as coordinators of welding centres», explains Birello before illustrating the overall educational program for the course: «We start with the fundamentals of welding, both theory

Taranto: Semat was commissioned to makeover the quench towers

Within the ArcelorMittal Italia plant in Taranto, Semat S.p.A., a partner company of the ATB Group, has been commissioned by Thyssenkrupp Industrial Solution to carry out the civil works needed to makeover the two





and practice, because the person who will coordinate and supervise this kind of works must know what the job implies in terms of techniques and times», he adds. This introduction is followed by a section to draft the WPS (Welding Project Specification) procedures, and that is divided into four modules: technology, metal processing, design, and fabrication.

At the Marghera workshop the trainees could witness the welding activities and discover their practical applications when assembling components.

quench towers for coaking coal, the relevant de-dusting installation, and the wastewater treatment system.

The project includes demolishing the existing structures and building them again in line with the standards and regulations on environmental protection and limits set by the site-dedicated AIA. The works started eight years ago when the old installations were demolished, but it was resumed when ArcelorMittal Italia become the owner. «It is a very demanding and complex job due to its tight delivery times», explains Luca Rossi, General Manager of the Civil Construction & Industrial Services Division of the ATB Group. «A large volume of the Taranto resources will be required to deliver these works by the end of this year».

ORANO - ATB joint team

A work group made up of Orano and ATB experts to fully optimize cask production.



The joint work between Orano and ATB Riva Calzoni to make new models of casksthe containers to store and dispose of waste

fuels from nuclear power stations- is still successful. To strengthen this synergy, the ORANO - ATB Joint Team- a unit that gathers resources and specialised professionals in the nuclear field- was created at the beginning of April. From the Orano side came welding and quality experts, while the ATB side contributed with the manufacturing engineering, quality, project management, and production. «The idea», explains Federico Maggioni, Operations Manager of the Nuclear sector of ATB Heavy Equipment Division, «was to have just on work team that leads the way in terms of manufacturing or project know-how and that fosters cooperative work, exchange of information and opinions with Orano». The aims is to optimise processes of each individual job order, reduce times -mainly when it comes to drafting technical documentation- and speed up comparisons and debates on issues such as changes to be introduced

and hypothesis of variations along the manufacturing sequence. «This will have a whole positive impact on the quality of the pieces», adds Maggioni who since the beginning of the year is the Head of the Nuclear office that was set in January following the new corporate organisation. «Taking into account the volume of projects we have to develop in the years to come, we thought it was convenient to have a dedicated unit specifically for this business», add the engineer. «The tasks related to engineering, quality, project management and fabrication are covered by this subdivision, totalling twelve people plus the ATB manpower for the fabrication». At present the are nine casks being manufactured, of four different types: three TN17max, three TNg3 S, as many TNG3L and a semi-finished TN24DH.



A history for the future





1920 Yanacoto Peru

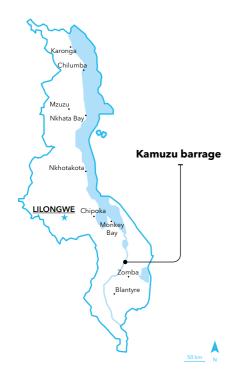
This snapshot was found in our picture archive. It is a document of immeasurable worth as shows the international presence of ATB-Tubi Togni at that time- since its first years in the industry. The company was founded by Giulio Togni in 1903 and started operating soon after in different countries around the world, more specifically in those areas associated to and favourable for the development of the hydro-power sector. One of those areas was South America. In this specific case, we are in Peru, at the Yanacoto site in the Lima region. Right opposite the camera are the worker who are fitting the reinforced penstocks of the hydroelectric plant commissioned by Lima Light Power& Tramways Company Empresas Eléctricas Asociadas. The expansion beyond Italian borders went on during the 1930's as well: the products made by Tubi Togni were highly sought after in Germany, Korea, the Soviet Union, and Japan.

ATB IN THE WORLD

MALAWI



Continent Total area Capital City Population Africa 118 480 km² Lilongwe 16 362 567 inhabitants (2012)











05





04



01 Baobab Road to Kalembo Picture by Luca Donadei

02

Guardhouse - Works Management Kamuzu Barrage - Liwonde Picture by Luca Donadei

03

Crocodile Kamuzu Barrage - Liwonde Picture by Luca Donadei

04

Children of the village Entrance to Liwonde National Park Picture by Claudio Setti

05

Fishermen Shire River - Liwonde Picture by Luca Donadei

06

Sunset over Kamuzu Kamuzu Barrage - Liwonde Picture by Luca Donadei 05

COLUMNS

2019 TRADE FAIRS

Hydro Vision International 23-25 July 2019 Portland (Oregon)	HydroVision
POWERGEN ASIA 3-5 September 2019 Kuala Lumpur (Malaysia)	POWERGEN
HIDROENERGÍA América Latina '19 ^{2-3 October 2019} Santiago de Chile (Chile)	HIDROENERGÍA América Latina '19
HYDRO 2019 16-18 October 2019 Porto (Portugal)	HYDRO 2019
ECOMONDO 5 - 8 November 2019 Rimini (Italy)	ECOMONDO
9th Small Hydro Latin America 27-28 November 2019 Medellin (Colombia)	9TH ANNUAL Small Hydro Lotin America 276 2011 November 2019, Meddlo Dokulta

ATB Holding S.p.A.

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