



We Give your Waste  
a Second Chance!



**B+T Group**

# B+T Group – Tradition and Innovation for your Future!

Founded already in the year of 1854, our family business meanwhile has expanded from a transport company to an enterprise with diversified structure, comprising energy supply and complete disposal service, also in combination.

For industry, commercial trade and municipalities, individual contract arrangements for disposal services are offered since 1993, for energy supply since 2008, always

with superior ecological standards in mind, at an optimized cost calculation. For that purpose, B+T operates a plant park which is continuously growing and includes several processing and power plants. Further installations are in planning stage or under construction.

Tradition and years of experience represent also a stable base for the future of our logistics department, which still belongs to the service chain of B+T.



1854



1970 – Bohn Transports



Logistics today



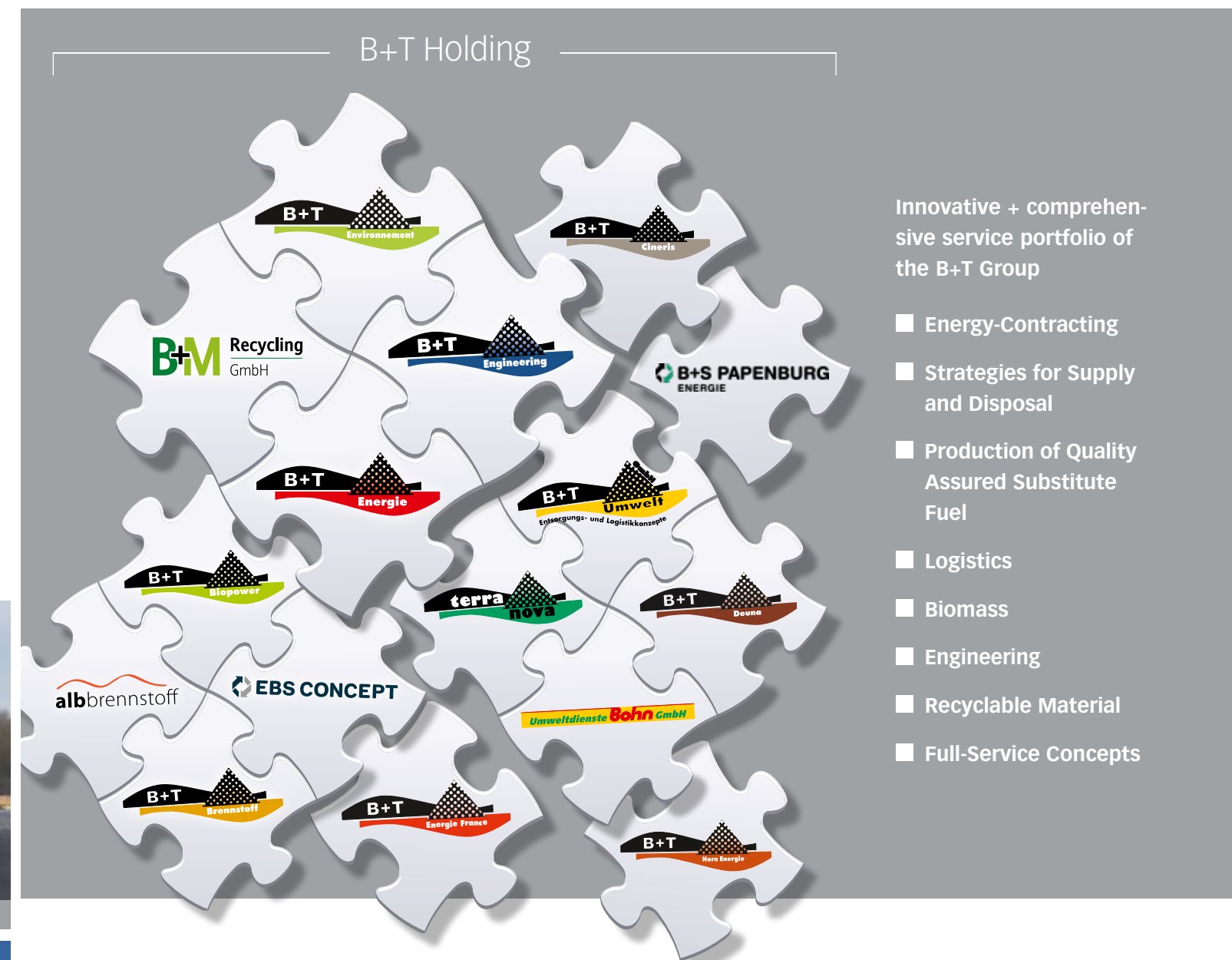
2004 – 1st Recycling Plant



2008 – 1st Power Plant



Future ...



## The B+T Group

Obtaining the complete service chain from a single source is an advantage not to be underestimated. The B+T Group in each of the fields disposes of competent and trained specialists, practiced in cooperation. Together with a convenient plant configuration, all services are available in a **consistent workflow** –

**starting from the dustbin up to the power socket.**

The unique integration of an ecologic approach into a minimized cost structure ensures an efficient service chain from waste generation to recovery.

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## Disposal Strategies for Paper Industry

**Already 25 years ago, the B+T Group established its pioneering disposal approach for the wood and paper processing industry,** and so belongs to the first addresses for this specific topic all over Europe. A consistent uninterrupted production chain is in place.

The results have convicted many enterprises: Our service package includes minimum workload for clients, clearly calculable costs and safe disposal. A meaningful, stable and cost-efficient recovery of the residues is always in the focus of our activities. Each single step and each pro-

cess is perfectly adapted to the material in question and to the requirements of the client.

### The following features are included:

- Quality assurance for residual material
- Individual procedures for storage and handling
- Optimized logistics from the site to exploitation
- Safe recovery plants
- Plants owned by B+T ensure reliable workflow
- Innovation and continuous further development

## Complete Solutions at Minimum Cost – Every Detail is Investigated

Not only under ecological aspects - also thanks to its economic advantages, the B+T method represents **a meaningful process for waste utilization for the client:**

- Each solution tailored to the application
- Safe disposal anytime
- No unexpected additional cost
- Quality assurance
- Ecological recycling
- Service round the clock, 365 days a year

A central factor for safe disposal is the presence of an entire process chain owned by the B+T group. For special cases, contracts with reliable cooperation partners have been agreed. They have been carefully selected, with a high quality-standard in mind.

**This way, the B+T concept warrants a comprehensive network, efficient, safe and with short processes for the clientele.**





## Cost-effective Disposal for Industry and Municipalities ...

Innovative: The mechanical treatment according to the principle of a triple subdivision of the caloric value of packaging, industrial and municipal waste to quality-assured substitute fuel, represents an outstanding basis for valuable energetic recovery of waste and residues, for which recycling is no more possible.

**Thanks to long-lasting experience and continuous exchange with our clientele, B+T could develop various practices and methods useful to establish routines for relationships with industry, trade and municipalities all over Europe.**

Utilization and handling of large waste quantities are normally agreed in long-term contracts.

### Your Advantages:

- Large network of treatment plants
- RDF power plants owned by B+T
- High cost-efficiency compared to conventional processes
- High recycling rate
- Residue-free recovery of all materials

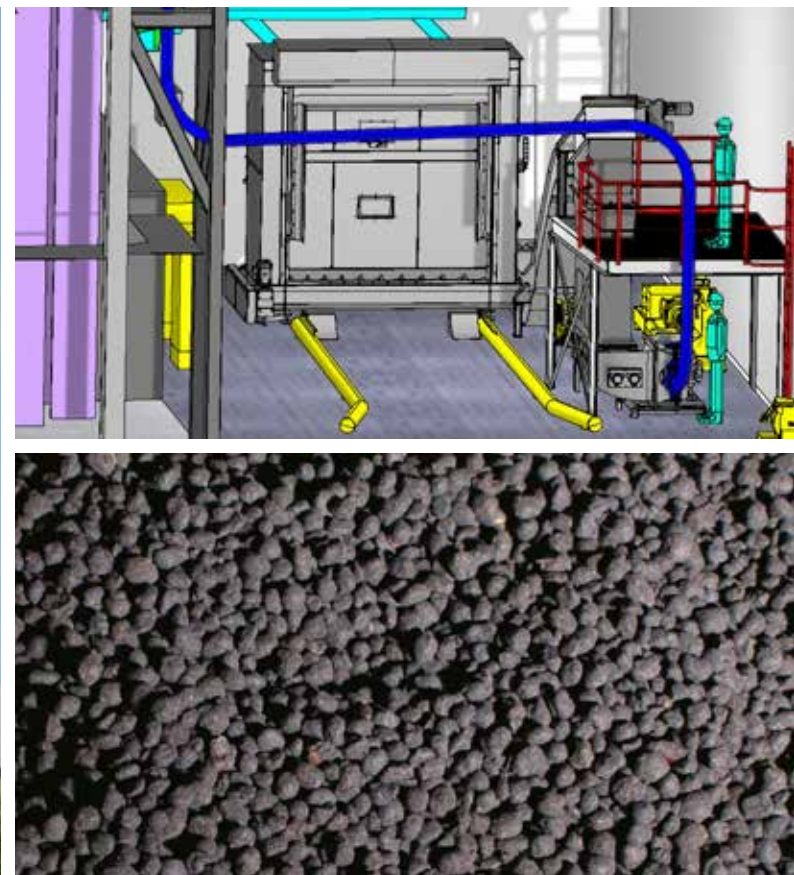
## ... Customer-oriented, Quality-Assured RDF Supply, Based on a Long Experience

**The B+T Group complies with the high requirements of industry, trade and municipalities** by means of a continuous service chain with in-house, centrally-located sorting systems, treatment and recovery plants and an ecological approach to the entire process.

**For the supply of substitute fuel as well, the service portfolio of the B+T Group includes**

- Quality assurance
- Warranted supply
- Long-term orientation
- Innovation
- Continuous further development





## Sustainable Energy Production from Sewage Sludge and Long-term ...

In-house plants for the entire process, from drying up to thermal recovery, combined with tightly synchronized logistics, available in time – the complete service chain is provided from a single source.

For our clientele, long-term disposal safety is essential, in order to avoid the necessity for extra cost. Our strategy has thoroughly been elaborated, so that corresponding inconveniences can be prevented.

**In all respects, the B+T Group is your competent partner for disposal of sewage sludge.**

### We offer

- Innovative technology
- Long-Term disposal safety
- Reliability
- Sustainable processes

Instead of spreading sewage sludge as slurry in the fields, B+T transforms it to valuable energy, actively contributing to a reduced consumption of fossil fuels.

## ... Disposal Safety for Industrial and Municipal Purification Plants

### There are many reasons, to place your disposal safety in our hands:

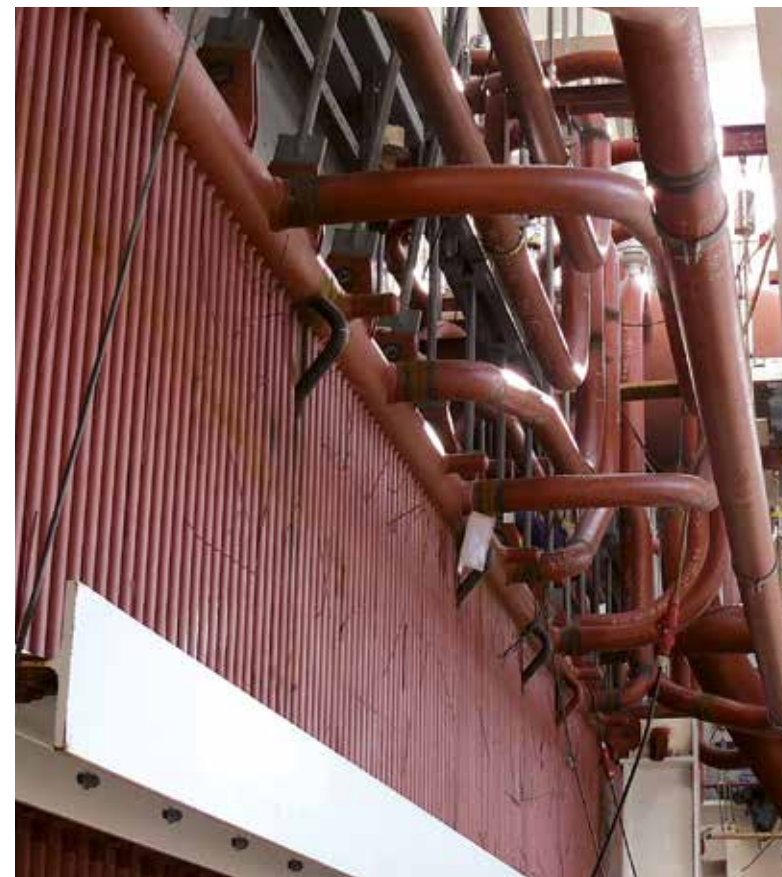
- Transparent disposal channels
- In-house recovery plants
- B+T-Logistics with special trailers for removal directly from municipal sewage plants
- Sufficient know-how: 3.5 m. of tons of waste p.a.
- Ecological and cost-efficient process, based on short transport distances

Our cutting-edge plants have been designed to be able to achieve material easy to process. **The B+T in-house technology enables the sewage sludge to be recovered reliably all through the year.**

Thanks to short decision paths and 25 years of experience in this field, new challenges can quickly be mastered, so that professional solutions are always in sight.

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## Energy Supply to Industrial Clients

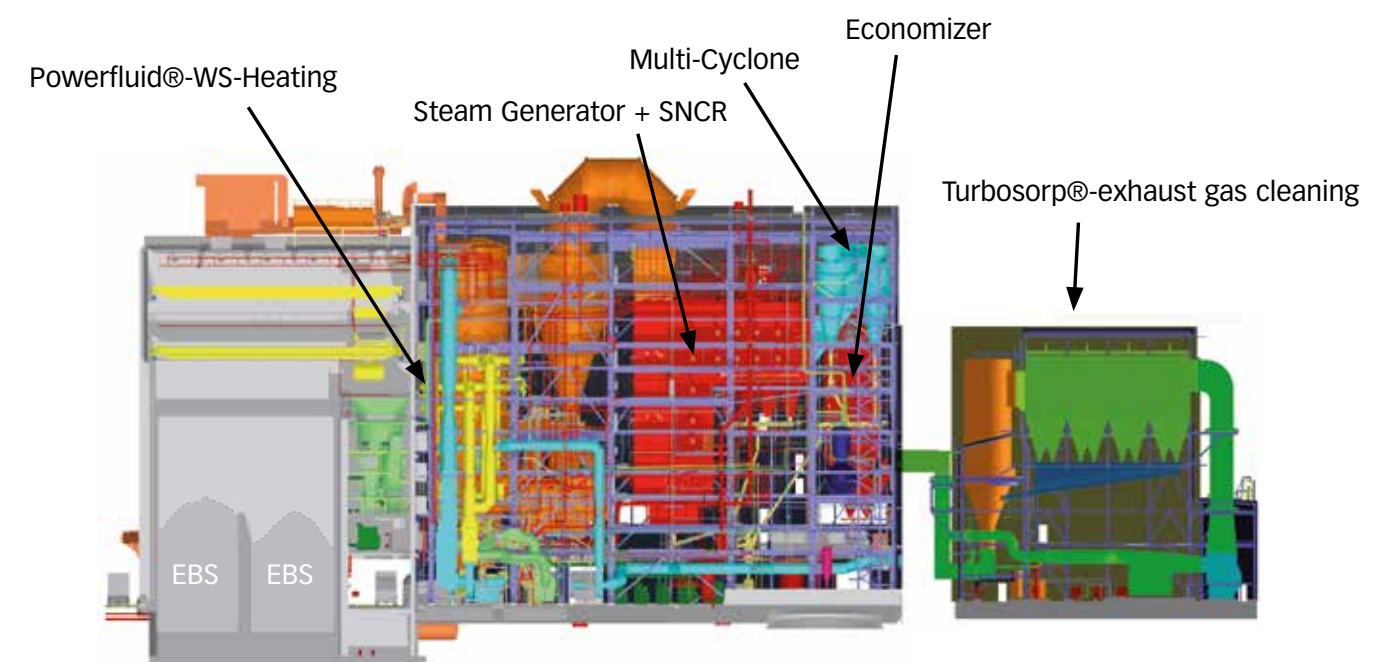
As a high-performing Energy-Contracting-Partner, B+T takes over the energy supply to your company autonomously without primary energy, only on the basis of alternative sources.

Energetic recovery of a great variety of waste and residues also contributes actively to environment and climate protection, as the quantity of fossil sources consumed sustainably decreases. By this way you derive benefit from an innovative technological strategy, able to warrant stable energy supply in the long term.

During the planning phase, all individual and site-specific conditions are taken into consideration. B+T can be commissioned for all tasks in this context, like planning, design, construction, financing and operation of energy generation plants supporting your production for years.

### B+T warrants

- Long-term reduction of energy cost
- Energy supply on a stable level
- Innovation for your industrial site
- CO<sub>2</sub>-savings in the sense of environmental and climate protection







## Reliable Disposal of Power Plant Residues

As a certified specialist for waste disposal, the B+T Group is also involved in residues originating from power plants. This is an extremely complex task demanding sufficient experience and knowhow. During disposal procedures, shut-down of the power plant is not necessary, the operation may continue as usual.

B+T Group furthermore ensures that the entire waste legislation is stringently met. **Your requirements and our solutions are bundled to a meaningful energy concept tailored to the current case.**

### Benefits are as follows:

- A clear conscience concerning the disposal of your power plant residues
- Individual planning lowers cost
- Responsibility for operation and environment protection
- Transparency and open structure

A further advantage: B+T knows and makes use of the material properties of your waste, integrating it into further processes for recovery.

## The B+T-System Box: A Perfect Solution for Small Quantities

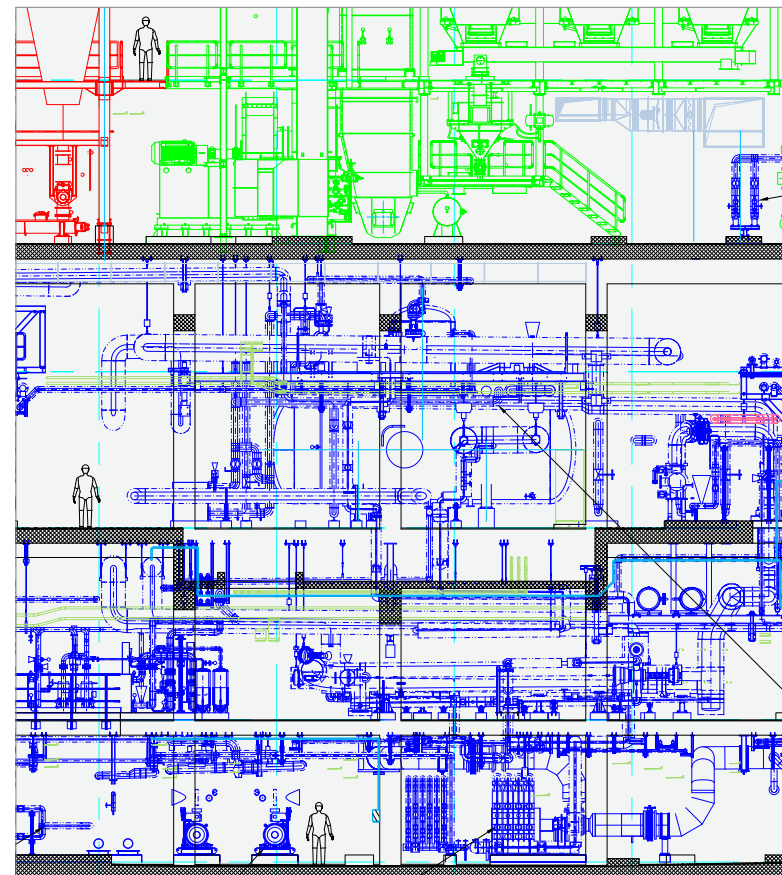
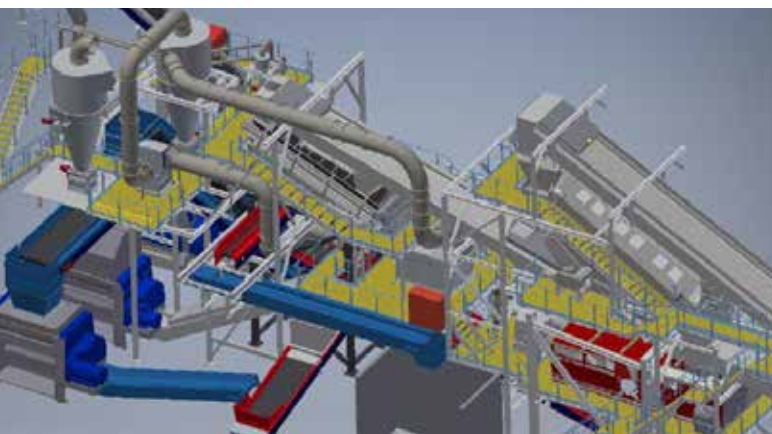
Ideally suitable for small and medium-sized biomass heating systems, the B+T system box offers numerous benefits.

Whether bottom or boiler ash, cyclone or filter ash – also smaller quantities have to be removed in conformity with the regulations. B+T offers an innovative and safe solution for this kind of waste, from previous consulting to final disposal. **Just for clients dealing with smaller quantities, it is useful to familiarize themselves with this system of interchangeable containers.**

### The advantages of the particularly developed B+T-System-Box are as follows:

- Fire protection in case of embers
- Clean, safe, dust-free, stackable, rugged
- Savings with respect to big-bags and pallets
- Rent a metal container with a capacity of 1,18 m<sup>3</sup> and adapt it on site
- Flexible rental agreements with services
- Sales of box lids for individual adaptation





## Competence in Planning and Project Development ...

In the field of thermal waste treatment and energy production, technically demanding systems cannot be realized without a high degree of competence in planning and project development.

**The engineers of the B+T Group are experts in the subject areas of energy production on the basis of waste and biomass, as well as of recovery of residues.** They use their knowledge for both optimization of existing plants and new projects.

B+T Group accompanies the entire project from the first idea up to the handing over to the owner.

Our engineers

- Do not depend on delivery interests
- Dispose of long-year experience
- Are service providers for all branches

**They follow the entire procedure from the idea up to implementation of the project.**

## ... for Environmental Systems and Energy Production

**The following considerations are comprised:**

- Feasibility studies and economic analysis
- Process assessment and technical concepts
- Energy and operation analyses
- Studies for plant optimization

**The B+T Group prepares for you the entire documentation required for project development:**

- Process technology
- Planning for the whole system
- Budget plan and scheduling
- Planning for approval

Additionally, we can be charged for project management (partial or complete projects), preparation of submission documents, evaluation of offers and support for the client with respect to contractual agreements.

Our engineers supervise also the detail engineering and carry out quality control, always keeping an eye on all expenses and deadlines up to start-up.

After start-up of the system as well, B+T does not leave the client alone, but supports the plant operators and provides assistance in case of need, as well as monitoring and support for further optimization.





## Make it Easy also in the Case of Difficult Tasks

As we are established in the logistics branch for more than one century, it was not difficult for us to profit from our connections to compose a modern and powerful fleet for efficient transport procedures. **Project management takes place reliably also in shortest possible delay, backed by team spirit and motivated personnel.** This ensures a high degree of customer satisfaction.

Our comprehensive vehicle fleet originating from our own inventory and from a network of selected and proven contract partners, allows quick and flexible reactions,

round the clock and seven days a week, for any disposal task and any transport requirement.

### The organization of logistics offers the following benefits:

- Delivery and collection on schedule
- Competent contact partners
- Reliable structures
- Ecological transport thanks to high capacity utilization of vehicles
- Lowered cost

## Transport Solutions Tailored to each Application

**Various types of trucks are comprised in the vehicle fleet of the B+T Group, thus offering an equipment exactly matching the requirements of the current task:**

- Walking-Floor trucks
- Container trucks
- High capacity tipper vehicles
- Heavy cargo push-off trailers
- Silo vehicles
- ... whatever you need

**The great benefit:** By means of our push floor/walking floor trucks, nearly all kind of voluminous waste can be shipped. For disposal of sewage sludge, the B+T fleet makes use of push-off and tipper trailers, whereas silo vehicles are deemed to be practical for transport of ashes, granules, sand, lime and similar material.

This equipment enables us to meet the entire variety of requirements, and to warrant trouble-free working procedures particularly also in the presence of complicated structural conditions of loading and unloading stations.



# Customer Focus and Task Orientation

As the proximity to customers represents a major target in our company philosophy, B+T with own facilities and a network of cooperation partners, plants and logistics centers all over Europe is always able to offer **the right solution in the right place.**

For each member of our staff, customer satisfaction is the aim for each activity and core of the business rela-

tionship. **We stand for harmony, productive working atmosphere and qualified interaction grown for a long time in a family business.**



## Supplementary Questions? Do not Hesitate – our Staff Answers!

Whether for disposal of residues from wood and paper processing industries, from other commercial enterprises or from municipalities – our specialists for project development, logistics and consulting elaborate an adequate solution for any problem.

**Our general approach of shortest possible ways may also be of interest for you, as convenient solutions sometimes are not hard to find.** This way you will derive benefit from speed, flexibility and ecologic knowledge offered by the B+T Group.

From our website, you don't need much time to seek the correct contact partner. **Simply fill in the inquiry form in the contact area or within the service area relevant for your application.** The correct contact partner within the B+T Group will evaluate the request at once and answer as soon as possible.

We are looking forward to your inquiries.  
The whole staff of the B+T Group





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## Members of B+T Group:

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Terra Nova GmbH	B+T Environnement SAS
B+T Beteiligungs GmbH	B+T Horn Energie GmbH
B+T Biopower GmbH	B+T Umwelt GmbH
B+T Brennstoff GmbH	Albbrennstoff GmbH
B+T Cineris GmbH	B+M Recycling GmbH
B+T Deuna GmbH	B+S Papenburg Energie GmbH
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