



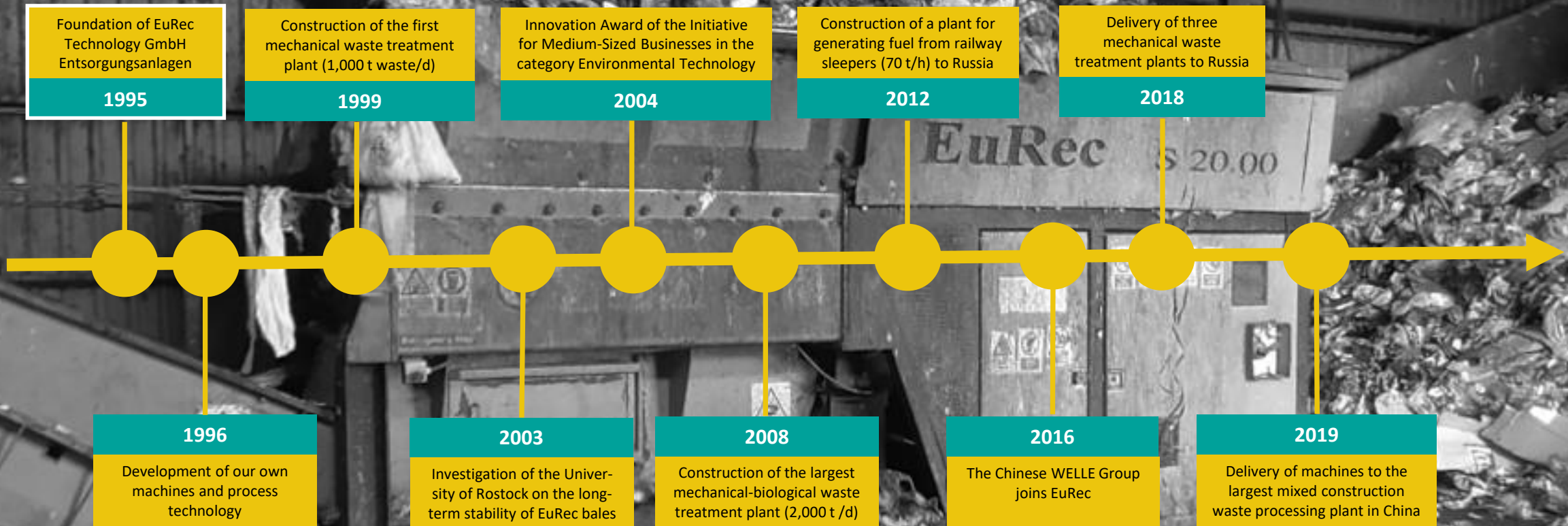
EUREC

Company Presentation

Company History



EUREC



Zerkleinerung /Schredding

Vorzerkleinerer / Pre Schredder



Nachzerkleinerer / Post Schredder



Magnetstationen / Magnet Stations



Siebtechnik /Screening

Scheibenseparator / Disk separator



Sternsieb / Star screen



Verpackung / Packaging

Verpackungstechnik / Packaging Equipment



Bunker / Bunkers



- semi-mobile on hook lift frame or stationary on base frame. Shredding unit and drive unit connected to each other.



- Version with electric or diesel drive with exhaust stages 3 to 5



- Separately installed drive and comminution unit



- Mobile on crawler track



Crushing room - The heart of the EuRec® Shredder



- Individually adapted tools, up to 30 different assemblies by own construction for most different applications.
- 2-shaft shredder in various sizes and drive powers for transmission of torques up to 400,000 Nm to the tool shafts. Excellent longevity even under high loads!
- The welding of various metallic workpieces is the best and most durable metallic connection in terms of quality, which is why EuRec welds the tools onto the tool carriers.
- For experienced technicians tool parts can be easily exchanged.
- Tool shafts run synchronously towards each other and draw in the waste optimally. The waste is broken, torn and deformed between the tools. The shafts are cleaned by laterally mounted rakes and act as crushing rakes when reversing.

Shredding Technology References



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Shredding of **car boddies**



Shredding of railway sleepers



Shredding of vehicle batteries



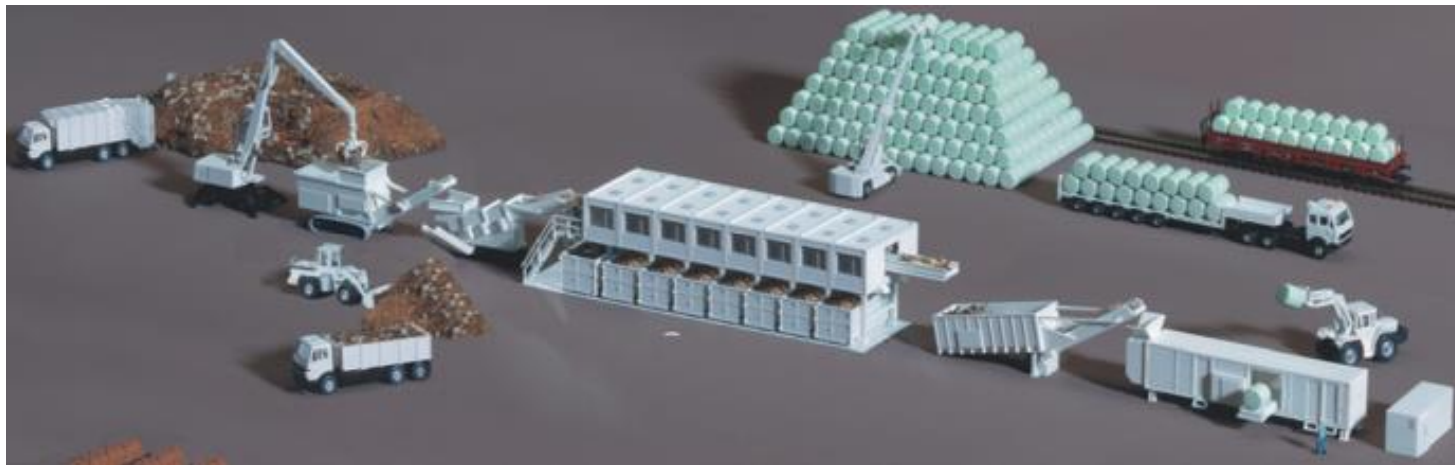
Shredding of mixed construction waste



- Due to the dynamic screening, maintenance and cleaning intervals through mechanical cleaning are avoided as far as possible. (see top foto)
- In combination with a EuRec® Pre-Shredder, the EuRec® Disc Separator screens out up to 90 % of native organic components.
- Significantly reduced installation space due to the compact construction volume of the Disk Separator



- Strong volume reduction of waste quantities from approx. 40% to approx. 70% (depending on material), savings during transport and storage
- Bale height adjustable from 1,200 mm to 1,600 mm, optimum utilisation of transport loading areas
- The tensile strength is increased by cross-wound bandage winding with tear-resistant film
- Net or wire to the winding not necessary
- Air-conditioned control room for operating the machine
- No odour, no nuisance Water inlet or outlet not possible
- Preservation of the physical properties of the packaged waste until further use.
- Prevention of spontaneous ignition of the baled waste
- Outdoor storage as bale storage is possible without any problems



- EuRec waste treatment plants can be used to treat municipal and municipal waste with a high organic content.
- After shredding, larger iron particles are separated from the material stream by a magnet.
- The EuRec disc separator separates the organic components from the waste in a highly efficient way.
- From the fraction, which is essentially free of iron and organic components, valuable materials such as large non-ferrous metals, glass, plastic, paper, cardboard etc. can be manually sorted out on the subsequent sorting line and fed to further material recycling.
- The residual waste after the sorting station can be packaged for cost-effective transport or safe storage of the bales.



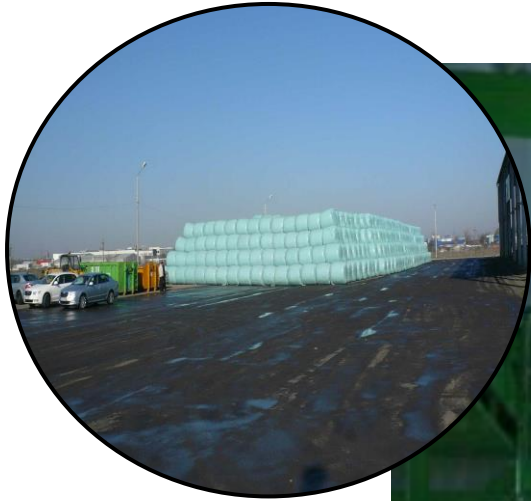
KEZO Hinwil (CH) 2004

- Shredding and packaging of waste during revision of incineration plant
- Packed waste: 26,500 tons
- Produced bales: 16,400

Vinh Long (VN) 2012

- Shredding, screening and sorting of approx. 500 tons of municipal solid waste per day
- Fine screening of finished compost material





RRR Timisoara (RO) 2009

- Shredding, screening and packaging of municipal solid waste
- Packed waste: approx. 600,000 t
- Produced bales: approx. 400,000

EuRec® Waste Treatment Plants in:

- Timisoara (Romania)
- Moscow (Russia)
- Beijing (China)
- Tehran (Iran)
- Switzerland
- Caribbean
- Vietnam
- Germany
- Austria
- Norway
- Sweden
- England
- France
- Egypt
- Spain
- Portugal
- Italy
- a.s.o.





Quality made in Thuringia.



Thank you for your attention.

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