



ERITECH

TECHNOLOGICKÉ SYSTÉMY A ZAŘÍZENÍ PRO OPTIMÁLNÍ VYUŽITÍ SUROVIN A REDUKCI CO₂



GENERAL INFORMATION

ERITECH is a highly qualified supplier of technology systems for the energy industry and processing lines



Market focus

Supply of technological systems focused on:

- 1. Processing and recovery of various bulk materials such as processing waste, alternative materials, alternative fuels
- 2. Treatment and recovery of solid waste sludge and liquid waste
- 3. Mechanical and pneumatic transport and dosing of various material

Process parts and supplies:

- 1. Fuel handling and storage equipment
- Tailor made machinery and equipment (e.g. Movable platforms, Hoppers, Material sampling, Material homogenizing, Big-Bale cutting)
- 3. Drying systems

ERITECH is a certified company ISO 9001 ISO 14001 ISO 45001



THREE PILLARS OF ERITECH



ENGINEERING EPC SUPPLIER MACHINE DESIGN





Engineering & Design of the projects focused on the supply of the technology systems for the industrial processes, construction, civil engineering



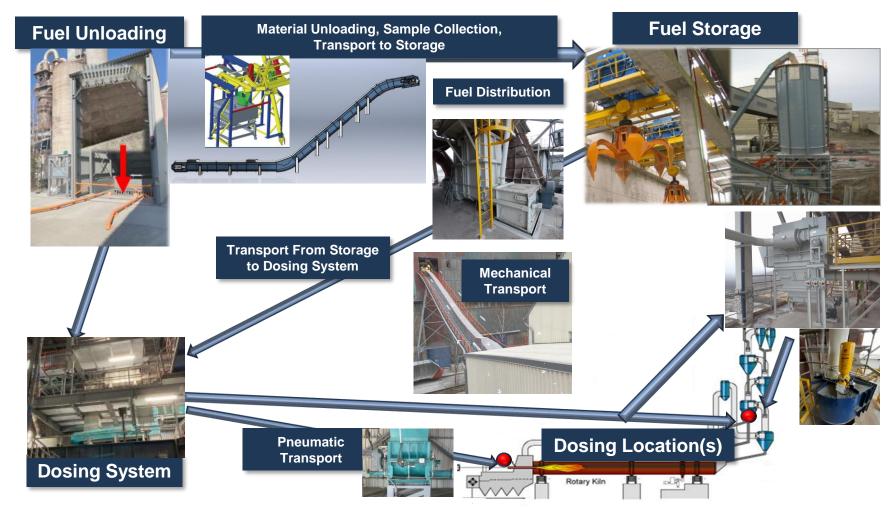
Technology supplier and EPC projects by a team of highly experienced project managers & engineers, Close cooperation with reputable and market established partners Engineering & Design for unique and tailor-made systems / products

EFFECTIVE RECYCLING INNOVATIVE TECHNOLOGY

EFFICIENT GENERAL CONTRACTOR

ERITECH

EQUIPMENT FROM TRUCK TO COMBUSTION PROCESS



EFFECTIVE EPC SUPPLIER

DELIVERY OF COMPLETE SYSTEM, INCLUDING CONSTRUCTION AUTOMATIC FIRE & EXPLOSION PROTECTION INCLUDED









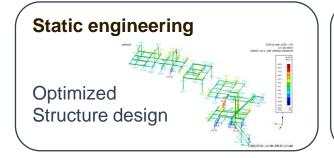




EFFECTIVE RECYCLING INNOVATIVE TECHNOLOGY

ENGINEERING COOPERATION OTHER ENGINEERING SERVICES









Civil works engineering
Civil works design
Concrete structures
Foundation
Access roads

Waste processing
Engineering
Waste sorting
Biodegradation
Stabilization
and neutralization

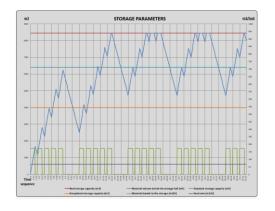


ENGINEERING COOPERATION PROJECT ENGINEERING



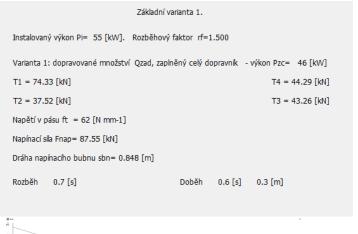
Managed services

- Conceptional analysis & proposal
- Arrangement proposal
- Process calculation analysis
- Machine parameters calculation
- Conveyors parameters calculation
- Pneumatic pipeline calculation











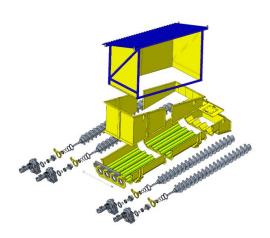


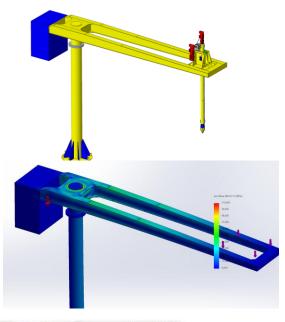
ENGINEERING COOPERATION MECHANICAL ENGINEERING



Managed services

- · Tailor made machine engineering
- Stress analysis
- Machine parameters calculation
- Conveyors parameters calculation









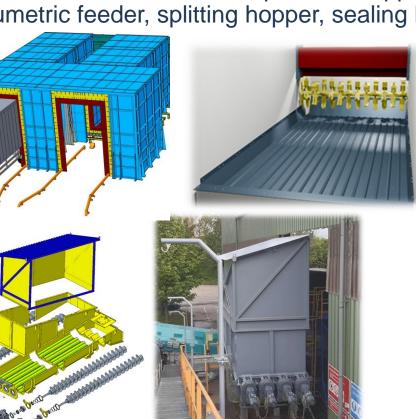
MACHINERY DESIGN

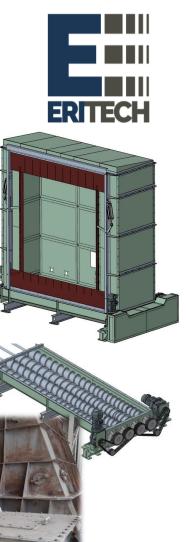
RECEPTION HOPPER

FLEXIBLE WITH THE DESIGN

 Different types of the discharging mechanism – screw, chain-belt, moving floor etc.

 Numerous functionalities – operation hopper, gravimetricvolumetric feeder, splitting hopper, sealing hopper

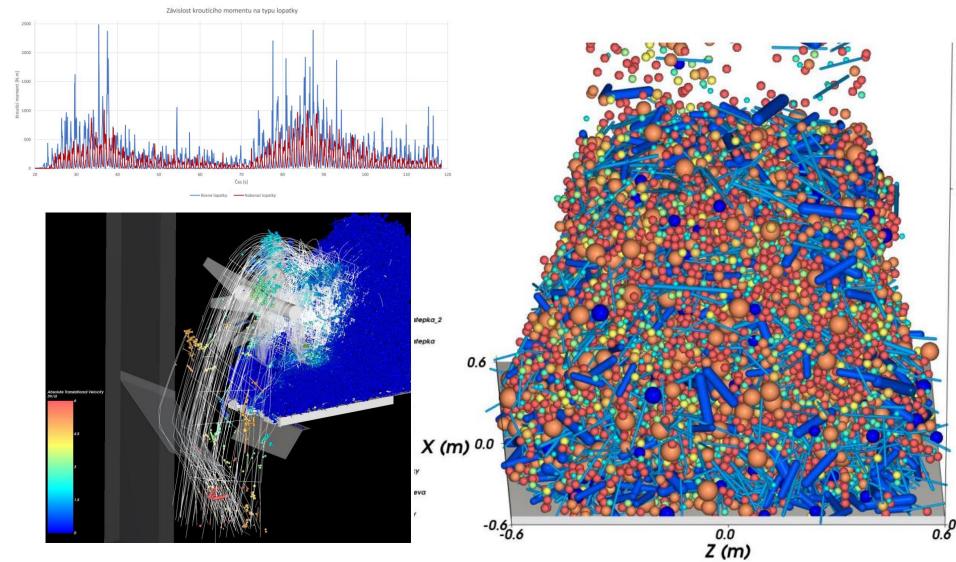




MATERIAL RECEPTION TECHNOLOGY

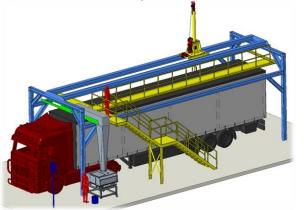
MATERIAL FLOW ANALYZING IS ESSENTIAL



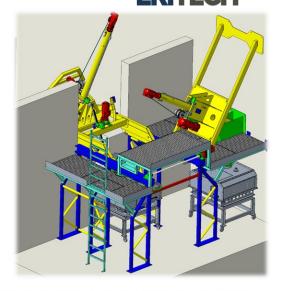


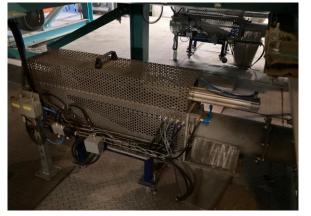
AUTOMATED MATERIAL SAMPLING SYSTEMS

DESIGN, MODELING & DELIVERY



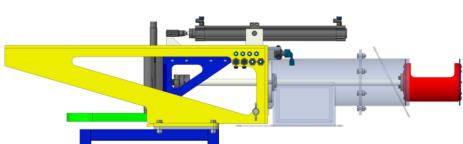
Material sampling from the truck reception –
Directly from the truck
Or from the unloading pit or from the walking floor hopper





Material sampling from the equipment – conveying or feeding equipment

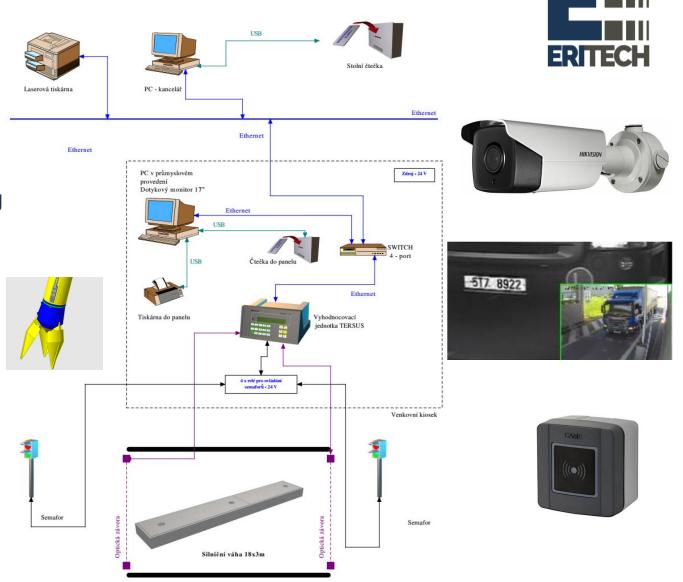
Sampling from the chute



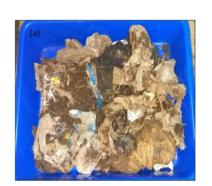


SMART LOGISTIC SYSTEM

Automated system
to record and
connect – incoming
trucks + suppliers –
weighing automated sampling
& connecting the
materials with the
parameters to the



FECTIVE RECYCLING INNOVATIVE TECHNOLOGY

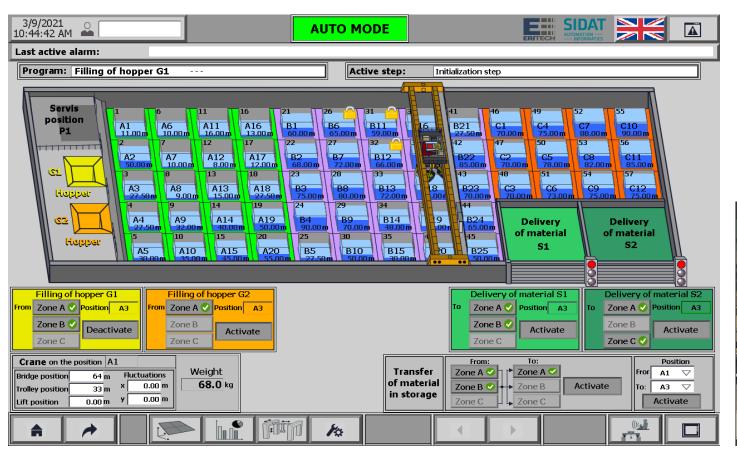


trucks + suppliers

AUTOMATED CRANE

CONTROL VISUALIZATION





Automated storing, discharging and effective logistic system



TRANSPORT OF MATERIALS

ERITECH

SCREW, CHAIN AND BELT CONVEYORS







EFFECTIVE RECYCLING INNOVATIVE TECHNOLOGY

RDF PROCESSING LINE

ECOWASTE ENERGY





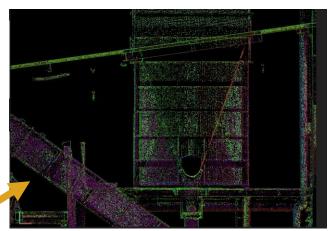






Extremely limited space and time slot for the execution

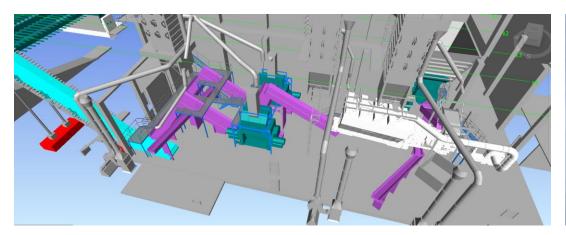
Design started with the 3D scan of the existing processing hall



RDF PROCESSING LINE

ECOWASTE ENERGY

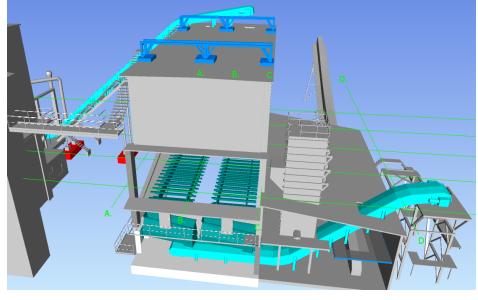












EFFECTIVE RECYCLING INNOVATIVE TECHNOLOGY

RDF FEEDING – FALSE AIR SUCTION MINIMISING

HOLCIM Čížkovice - AirLock

Two parts of the project location

Both with the extremely limited space

Unique system for removing specific material



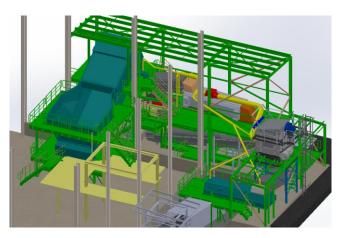












MODERNIZATION OF FUEL STORAGE

Thermal Power Plant Kolín – Converting the storage building from coal bunkers to a modern biomass storge hall with automated crane during continuous operation









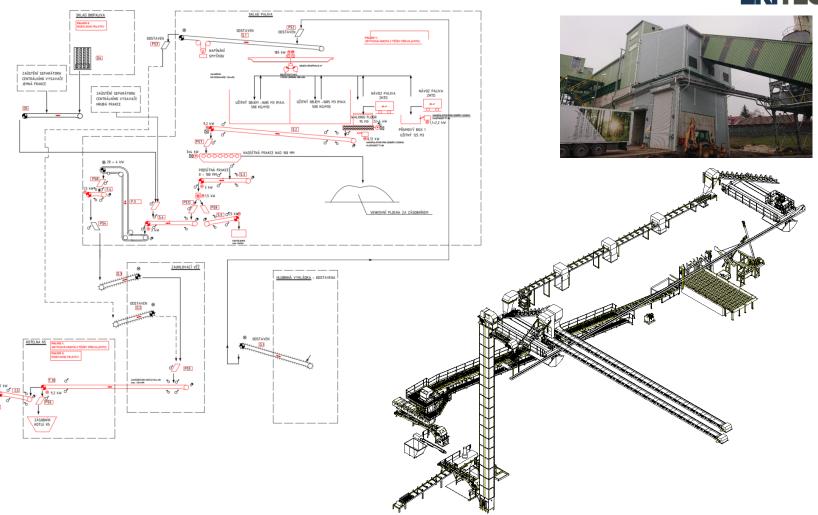




MODERNIZATION OF FUEL STORAGE

ERITECH

THERMAL POWER PLANT KOLÍN



ALTERNATIVE RAW MATERIAL STORAGE AND FEEDING

DESIGN & DELIVERY - CEMEX











ALTERNATIVE RAW MATERIAL STORAGE AND FEEDING

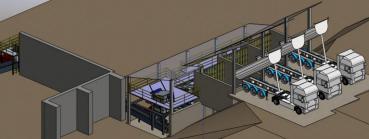
DESIGN & DELIVERY – HOLCIM Čížkovice



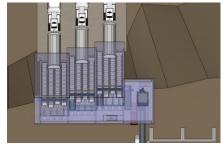


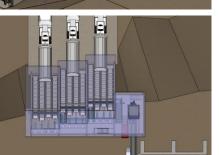


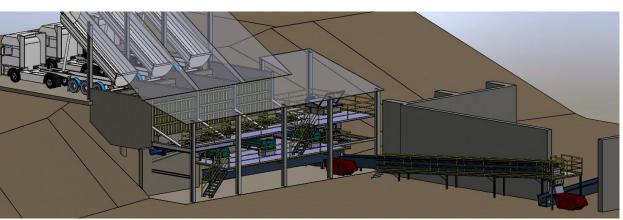














THANK YOU

Leos Volesky +420 724 888 543 leos.volesky@eritech.cz



