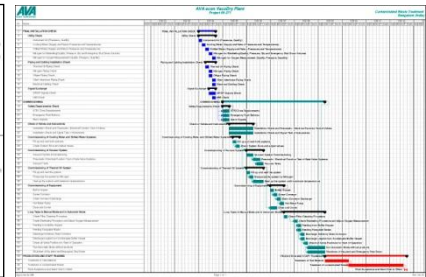
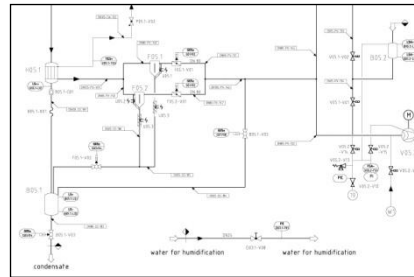
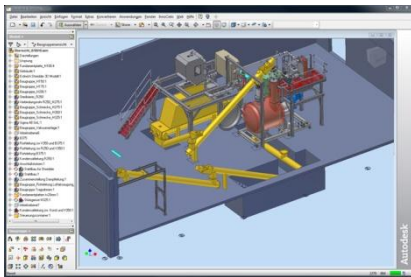


## Scope of services

Focus:	Implementation of industrial/hazardous waste treatment facilities
Planning procedures:	Feasibility and case studies; investment and business planning Best available technology evaluation Basic and detailed engineering incl. manufacturing drawings Pilot testing and physical/chemical analysis of test results Support on Environmental Impact Assessment (EIA) studies HSE consultancy and HAZOP studies Assembly, commissioning and operator training Consulting to optimise existing industrial waste treatment facilities
Project management tools:	3D- CAD Software, various calculation programs Time management software, remote monitoring facilities available Procedures according to EN ISO 9001 certification



## Field of applications

Integrated treatment centers:	Selection and implementation of appropriate treatment technologies
Site remediation:	Cleaning of contaminated soils and remediation of old landfills
Waste water treatment:	Mechanical separation of sediments; sludge drying and solidification
Petrochemical industry:	Hydrocarbon recovery from tank sludge, drilling waste, oil lagoons
Steel plants:	Recycling of mill scale, blast furnace dust, WWT-sludge
Aluminium industry:	Slag and swarf recycling
Hazardous waste incinerators:	Waste pre-treatment, rotary kiln incinerators
Landfill operation:	Solidification/immobilisation of waste; remediation of liquid landfill
Chemical industry:	Mercury waste disposal, paint waste treatment
Hospital waste:	Sterilisation plants with treatment capacities > 500 kg/h

## Greatest benefits of the project management services

- Wide range of references from 20 years design and commissioning of hazardous waste facilities
- Process engineers specialized in industrial and hazardous waste handling
- econ staff has hands-on experience; not only for `engineering`, but also in operating equipment
- Equipment designed according to EU work safety and emission standards
- Existing worldwide network with other engineering partners, access to local authorities
- Development of joint ventures, when local start-up service companies need hands-on support
- econ is an owner managed company with client's direct access to econ's decision makers

Imagine – Zero industrial waste ... !