

Examples of student's projects

- Development of an environmental information system prototype using the example of a waste company
- Study of possible applications of material flow management software of an automotive supplier
- Material flow analysis and ecological evaluation of the recycling process of dense concrete
- Conception and realization of an internet based GIS for by munitions polluted areas
- Development of an CEMIS tool to analyze production orders regarding environmental points of view
- Process modeling in environmental management using the example of an automobile manufacturer
- Influence of an integrated life cycle assessment on management corporate added value chains regarding the EU guideline RoHS
- Development of a software supported material flow management for a surface treatment site in the metal industry
- Industry encroaching process model for researching the information needs of a production company
- Foundations to realize an data warehouse project in the environmental area of an industrial service company
- Development and realization of a corporate environmental information system for waste balancing
- Conceptualization of an information system to support environmental controlling of a medium sized company
- Conception of a data base supported procedure for a standardized realization and evaluation of internal audits
- Development of a phenology data base by means of object role modeling
- Conception and realization of a cost optimized eco-balance demonstrated through a gas turbine
- Dynamic modeling of ecological and industrial systems and their simulation in material flow networks
- Modeling and simulation of an electrical power supply designed as an isolated solution regarding economic and ecological objectives
- Visualization of process oriented environmental indicators in a web based environmental management system
- Implementation concept of a corporate environmental information management system using object oriented principles
- Optimization of environmental management by specially regarding noise register
- Analysis of energy consumption data and development of an IT concept based on existing information flows to detect environmental indicators
- Development of an environmental indicator system in a paper converting company
- Realization of a material flow analysis in a corporate manufacture area
- IT analysis and concept development in the area of environmental reporting
- Development of a J2EE based interface between an ERP system and a CEMIS
- Migration of a legislative text data base to support environmental management
- Prototypical development of an corporate environmental information management system using the example of urban drainage company

- Development of an integrated data base concept to provide company specific environmental indicators