



**technomatic** has a broad knowledge of **ABB** Technology for Plant Control.



ABB Automation Systems GmbH Post-Box 10 021 91 50002 Mannheim

To whom it may concern

Dear Sirs,  
M. Hanemann  
Phone: +49 (0) 621 - 381 - 7710 Fax:  
E-mail:  
Our Ref.:  
Date: 28.04.01

It is hereby confirmed that technomatic GmbH Processleitsysteme as a subcontractor has carried out the following work for our company:

**1. Project: Nowint!**

Cement Factory Project in Poland  
• Year: 2000  
• Total amount of I/O: 5,000  
• Project value: 290,000 DM

**Scope of work:**

Software engineering and commissioning for:  
ABB Advant controller and operator stations.

**2. Project: Conpet**

Crude Oil Pipeline Rehabilitation Project in Romania  
• Year: 1999/2001  
• Total amount of I/O: 8,000  
• Project value: 1,900,000 DM

**Scope of work:**

Scheduling, document control, site engineering, loop engineering.

**ABB Automation Systems GmbH**

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**3. Project: Conpet**

Crude Oil Pipeline Rehabilitation Project in Romania  
• Year: 2000  
• Total amount of I/O: 8,000  
• Project value: 65,000 DM

**Scope of work:**

FDS for the SCADA System

**4. Project: Conpet**

Crude Oil Pipeline Rehabilitation Project in Romania  
• Year: 2001  
• Total amount of I/O: 2,000  
• Project value: 100,000 DM

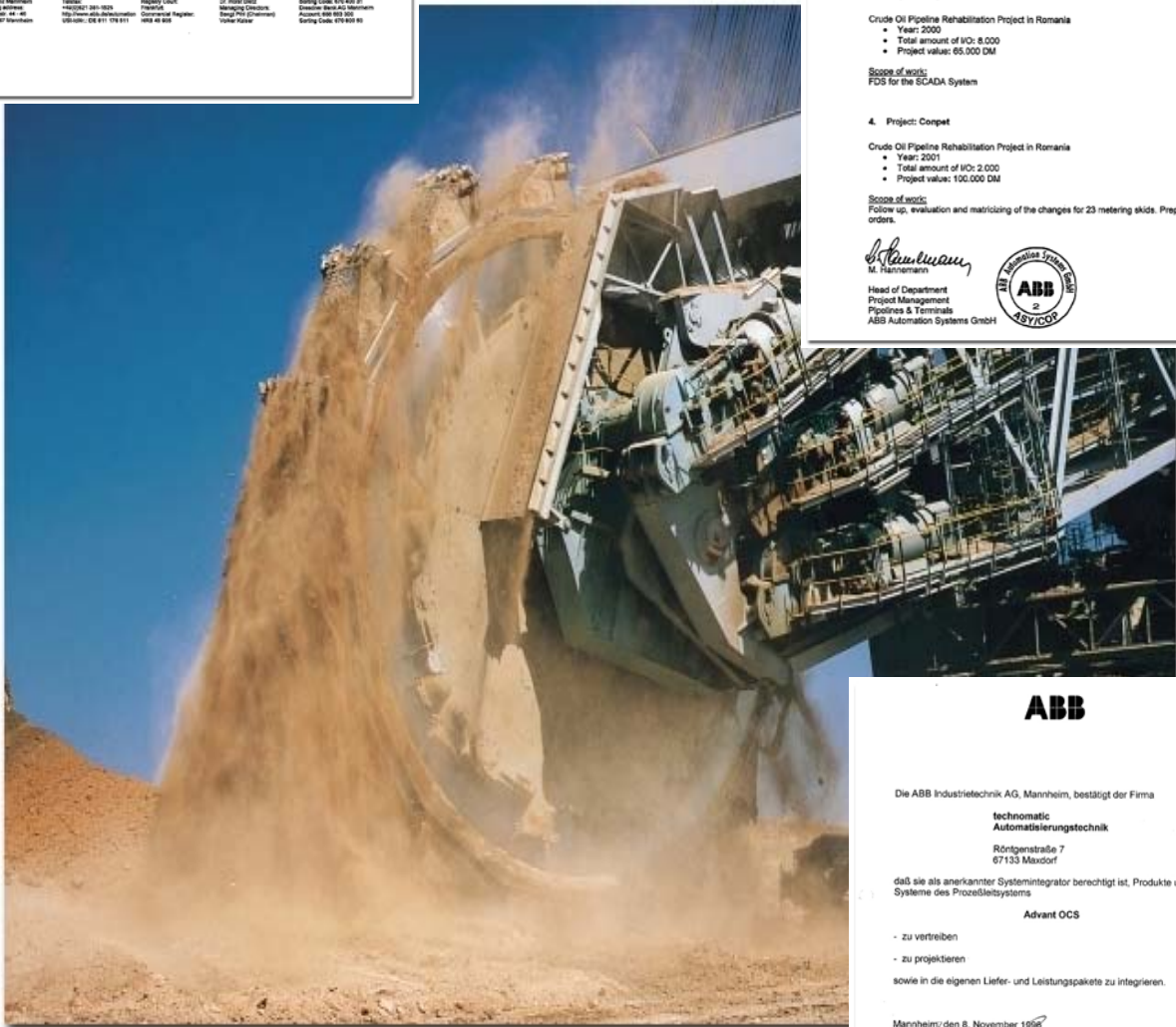
**Scope of work:**

Follow up, evaluation and matricizing of the changes for 23 metering skids. Preparation of change orders.

*M. Hanemann*  
M. Hanemann



Head of Department  
Project Management  
Pipelines & Terminals  
ABB Automation Systems GmbH



Die ABB Industrietechnik AG, Mannheim, bestätigt der Firma

**technomatic**  
Automatisierungstechnik

Röntgenstraße 7  
67133 Maxdorf

daß sie als anerkannter Systemintegrator berechtigt ist, Produkte und Systeme des Prozessleitsystems

**Advant OCS**

- zu vertreiben
  - zu projektieren
- sowie in die eigenen Liefer- und Leistungspakete zu integrieren.

Mannheim, den 8. November 1998

*U. T. Mannig* *M. Hanemann*

ABB Industrietechnik AG  
Geschäftsgebiet Chemie, Öl und Gas  
Bereich Automatisierungssysteme



Using this knowhow and ABB Technologies **technomatic** has carried out a range of projects.

<b>Project</b>	<b>Location</b>	<b>ABB Technology</b>	<b>Scope of Work</b>
Nowini	Poland	ABB Advant Controller and Operator Stations	Software Engineering and Commissioning
Conpet	Romania	Micro SCADA RTU 234	Scheduling, document control, site engineering, loop engineering
KTO	Kasachstan	Micro SCADA RTU 234	Commissioning
Bacharden	Turkmenistan	AC 110	Electric Engineering, Instrumentation
Freiberg Eichbaum Brewery Neubrandenburg	Germany	Advant Controller 410/450	Software Engineering CIP System, Commissioning
Neubrandenburg Schlachthof	Germany	AC 110	Software Engineering
Jacht Hamburg	Germany	AC 110	Software Engineering
Pellegrine	Portugal		Engineering
Europipe	Germany	Advent Masterpiece 200	
Mero Pipeline	Tschechien	T200	Software Engineering, FAT in Iran, Training, Commissioning
Karun 1 Hydro Power	Iran	Advant Stations	Software Engineering, FAT in Iran, Training, Commissioning

Project	Location	ABB Technology	Scope of Work
Karun 2 Hydro Power	Iran	Advant Stations	Software Engineering, FAT in Iran, Training, Commissioning
MES	Iran	AC 450	Software Engineering
Yali Hydro Power	Vietnam	Advant Controller Advant Operator stations	Software Engineering, Display Engineering, FAT, Training, Commissioning
Aswan High Dam Hydro Power	Egypt	Advant Controller Unix Operator Stations Windows Operator Stations IMS	Software Engineering, Supervision and FAT in Denver/USA, Site survey and interface engineering for new Control System
Ertan Hydro Power	China	Advant Controller Advant Operator Stations	Software Engineering, Display Engineering, FAT, Training, Commissioning
Rappbode	Germany	AC 110	Software Engineering, Display Engineering, FAT, Training, Commissioning
Meissen Sewage Treatment	Germany	T 200	Software Engineering
Bad Godesberg Tunnel	Germany	AC 31	Software Engineering
Rüdersdorf Cement Plant	Germany	AC 110	Software Engineering, Commissioning
Al Wahda	Morocco		Commissioning





<b>Project</b>	<b>Location</b>	<b>ABB Technology</b>	<b>Scope of Work</b>
Tobruk	Libya	Procontic	Software Engineering
Manantali Hydro Power	Mail	Advant Controller Advant Operator Station IMS	Software Engineering, Display Engineering, FAT
Kali + Salz	Germany	AC 110	Software Engineering
Sachsen-Anhalt Flour Mill	Germany	AC 410	Software Engineering
Airport Athens	Greece		Commissioning Supervising
Moscow	Russia		Commissioning Supervising
Al Wahda Hydro Power	Morocco	AC 450, AC 110	Commissioning
Hai Fu CCPP	Brazil	AC 450	Software engineering
Doc Sud CCPP	Brazil	AC 450	Software engineering
Lehringen Gas Distribution	Germany	AC 450 MOD-BUS Interface	Software engineering
Dreba Dresden Load Balancing	Germany	AC 31	Software engineering, FAT, Commissioning
Nachterstedt Waste Water Pump Station	Germany	AC 110	Software engineering
MS Deutschland	Germany	Advasoft	Software Engineering, Interface programming, Central Ship-Clock System programming
Siri	Norway	Advant Controller 410	Onshore Commissioning