



Making
the World
a **CLEANER**
place



FISIA BABCOCK ENVIRONMENT
IMPREGILO Group

THE COMPANY

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FBE Headquarter in Gummersbach





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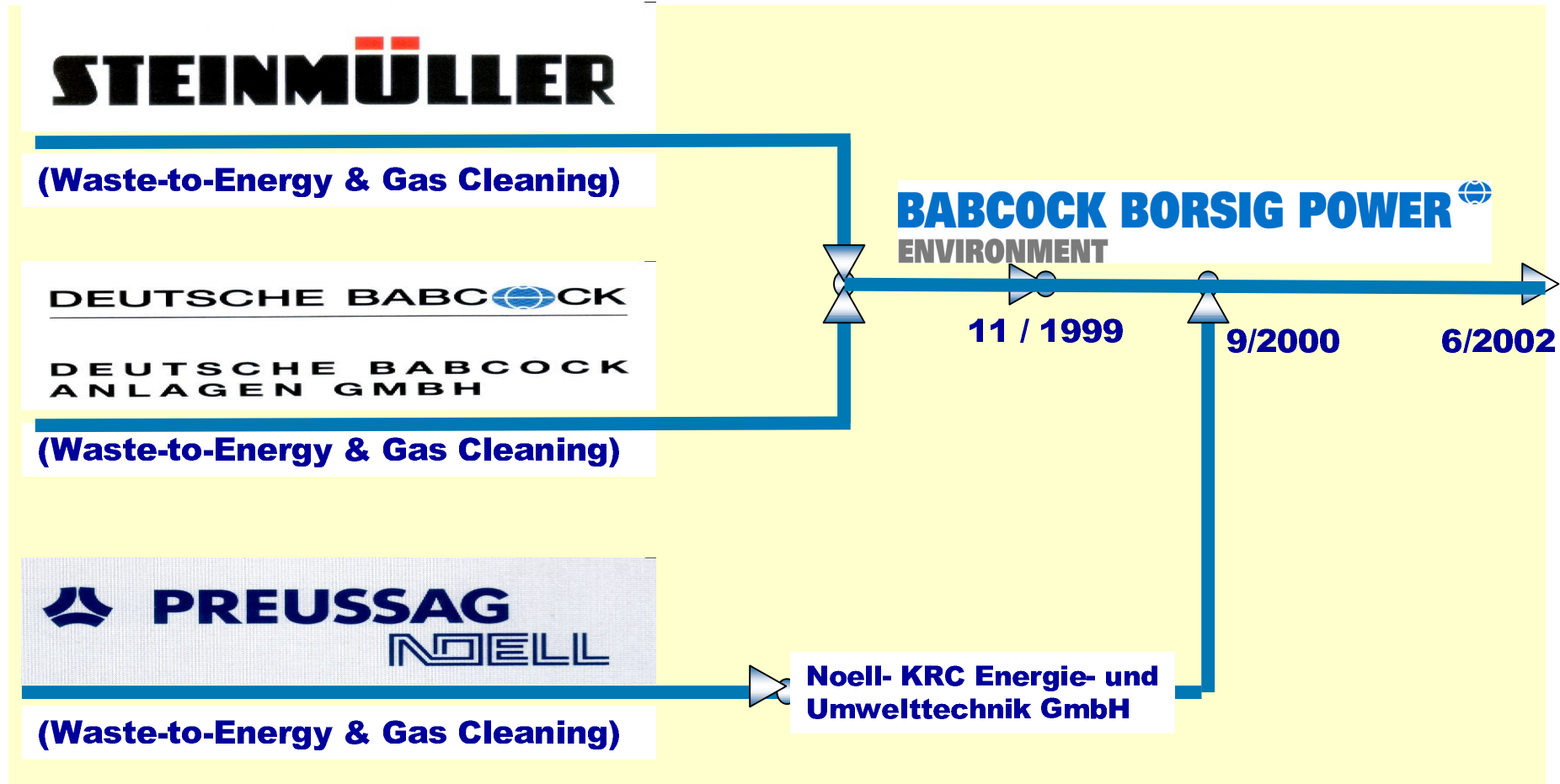
1. Corporate History

2. Ownership of FISIA BABCOCK ENVIRONMENT GmbH

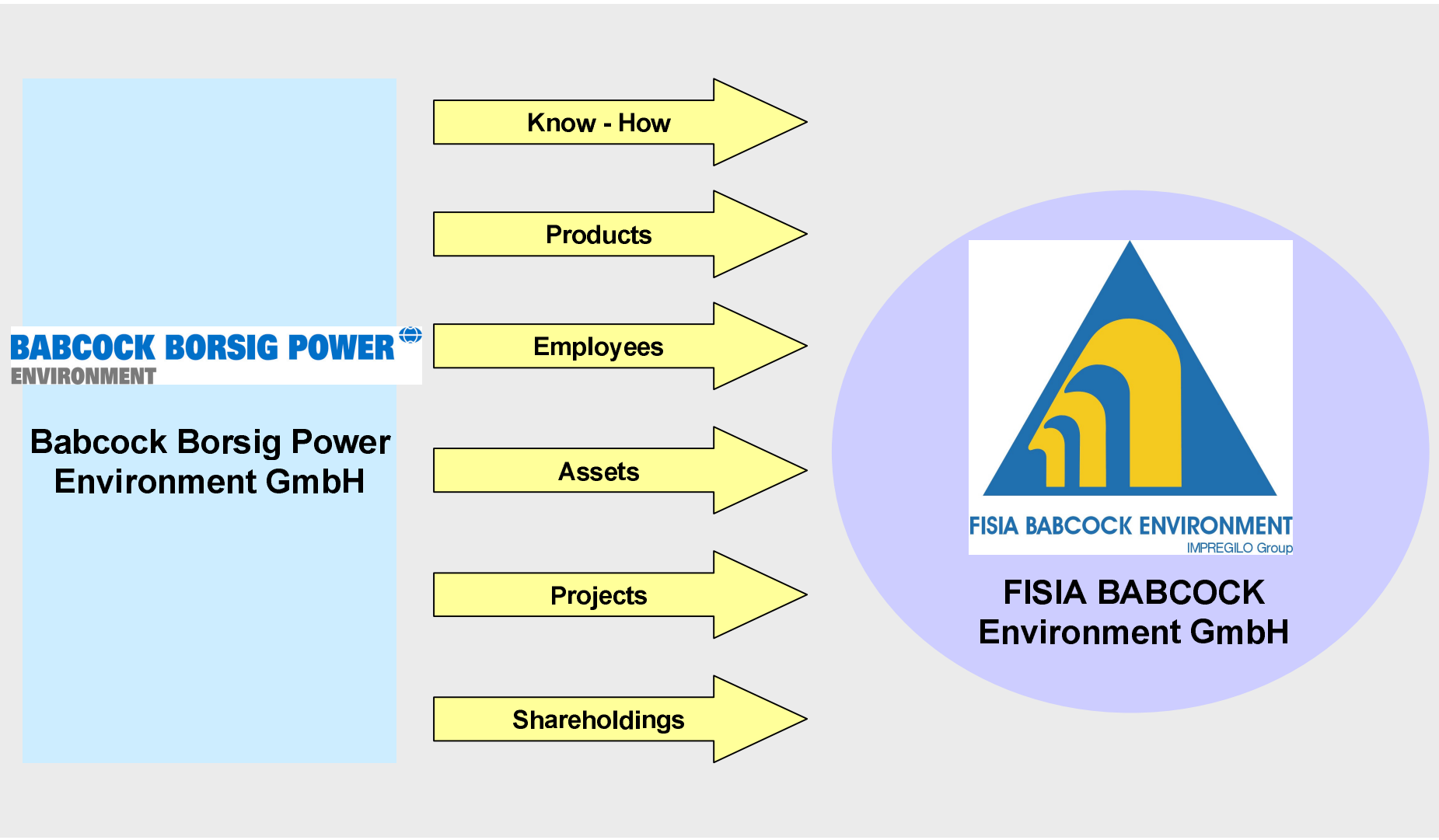
3. The Current Situation

4. Products & Technologies, Market

FISIA BABCOCK ENVIRONMENT GmbH - The History



FISIA BABCOCK ENVIRONMENT GmbH - Asset Purchase Agreement per 15.11.2002





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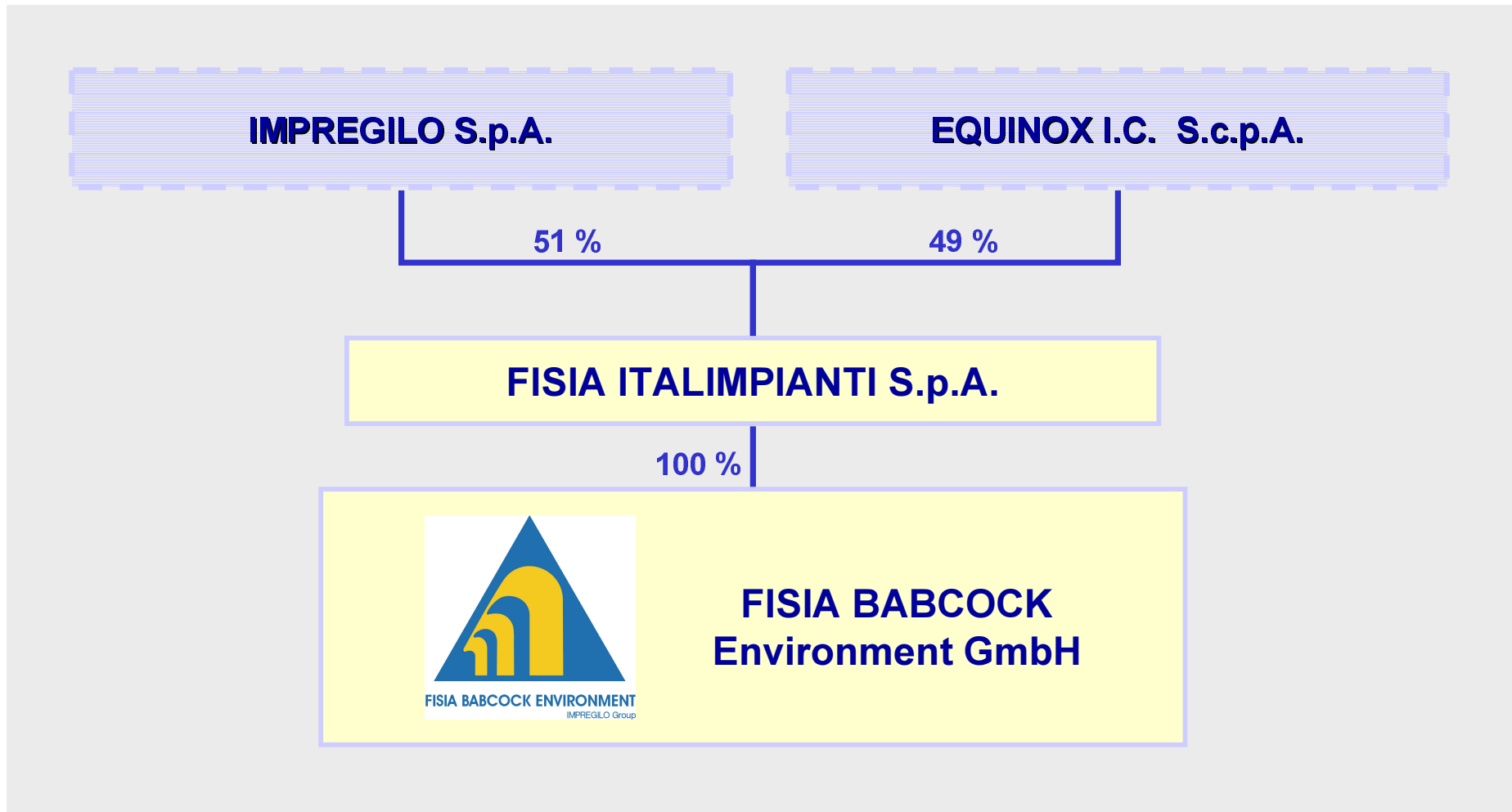
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FISIA BABCOCK ENVIRONMENT GmbH - Corporate Structure



FISIA BABCOCK ENVIRONMENT GmbH - Corporate Structure - Impregilo



Business Sectors

Key Figures
per 31.12.2003

IMPREGILO Group
Shareholders Equity € 326 400 000
Registered Office in Milan - Italy

General Contracting

Infrastructure
Construction
Environmental systems

Services

Public services concessions
(motorways, airports, water supply
systems, energy production from
waste, disposal, hospitals)

Real estate maintenance and
management

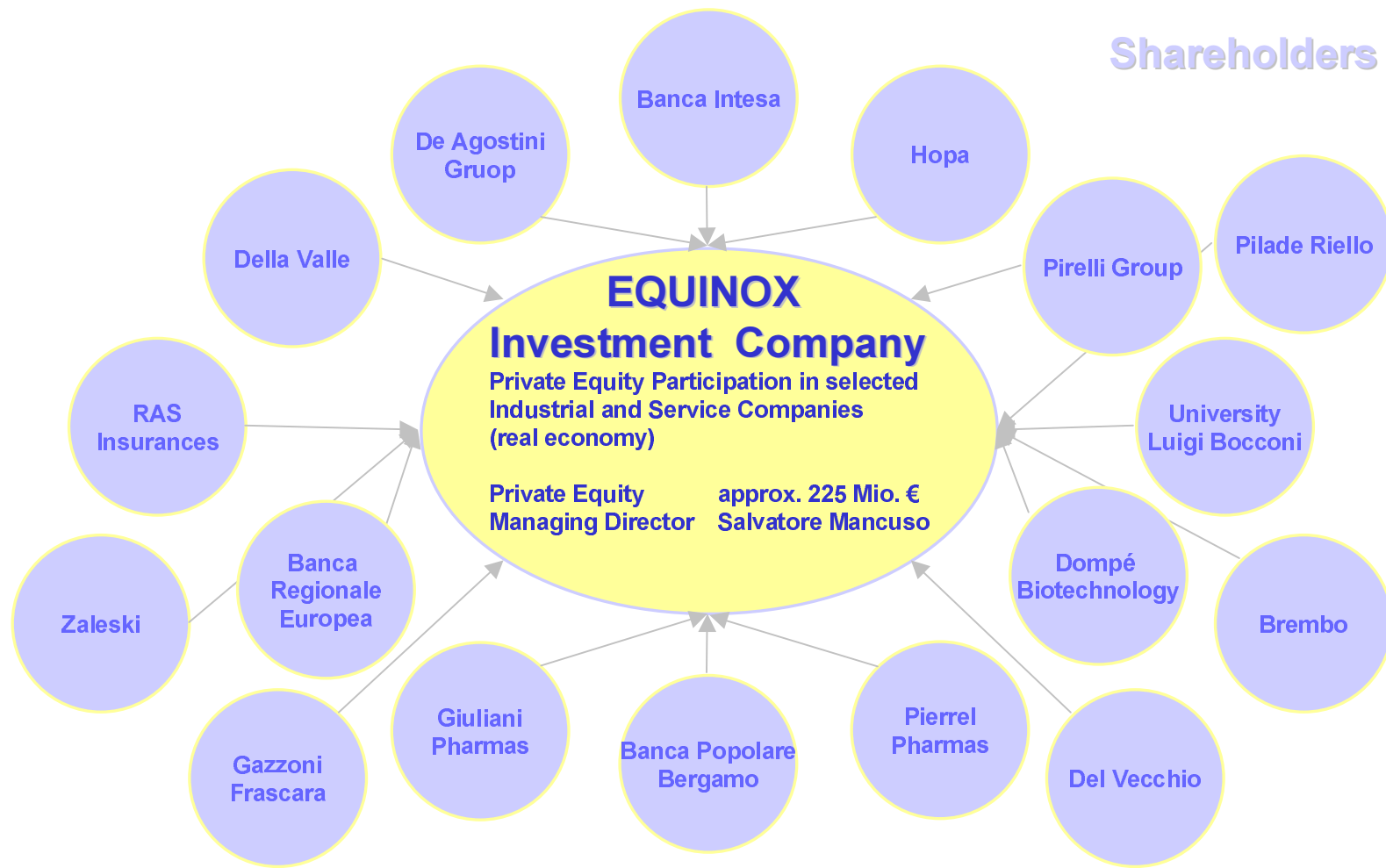
Real estate development

Order Backlog
13 400 Mio. €

Value of Production
2 932 Mio. €

No. of Employees
13 000

FISIA BABCOCK ENVIRONMENT GmbH - Corporate Structure - Equinox



FISIA BABCOCK ENVIRONMENT GmbH - Shareholder Fisia Itimpianti S.p.A.



Business Sectors

**Key figures
per 31.12.2003**

FISIA ITALIMPIANTI Group

Shareholders' equity € 93 400 000

Registered office Genoa - Italy

**Engineering & contracting in
process engineering for
desalination and environment**



**Solid waste and water management,
soil reclaiming and
environmental services**



Order backlog
1 118 Mio. €

Value of production
537 Mio. €

Pre-tax Profit
18 Mio. €

No. of employees
721



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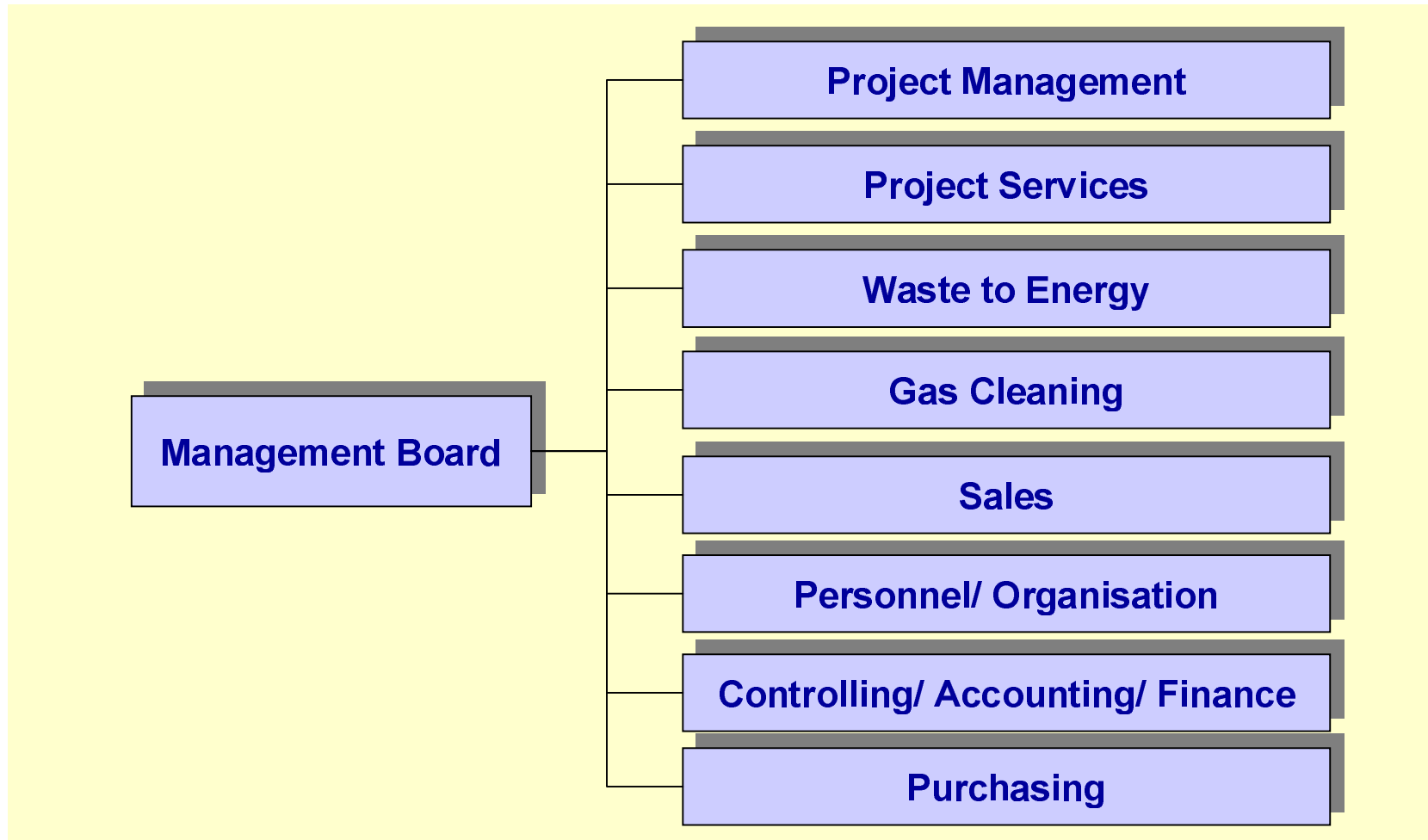
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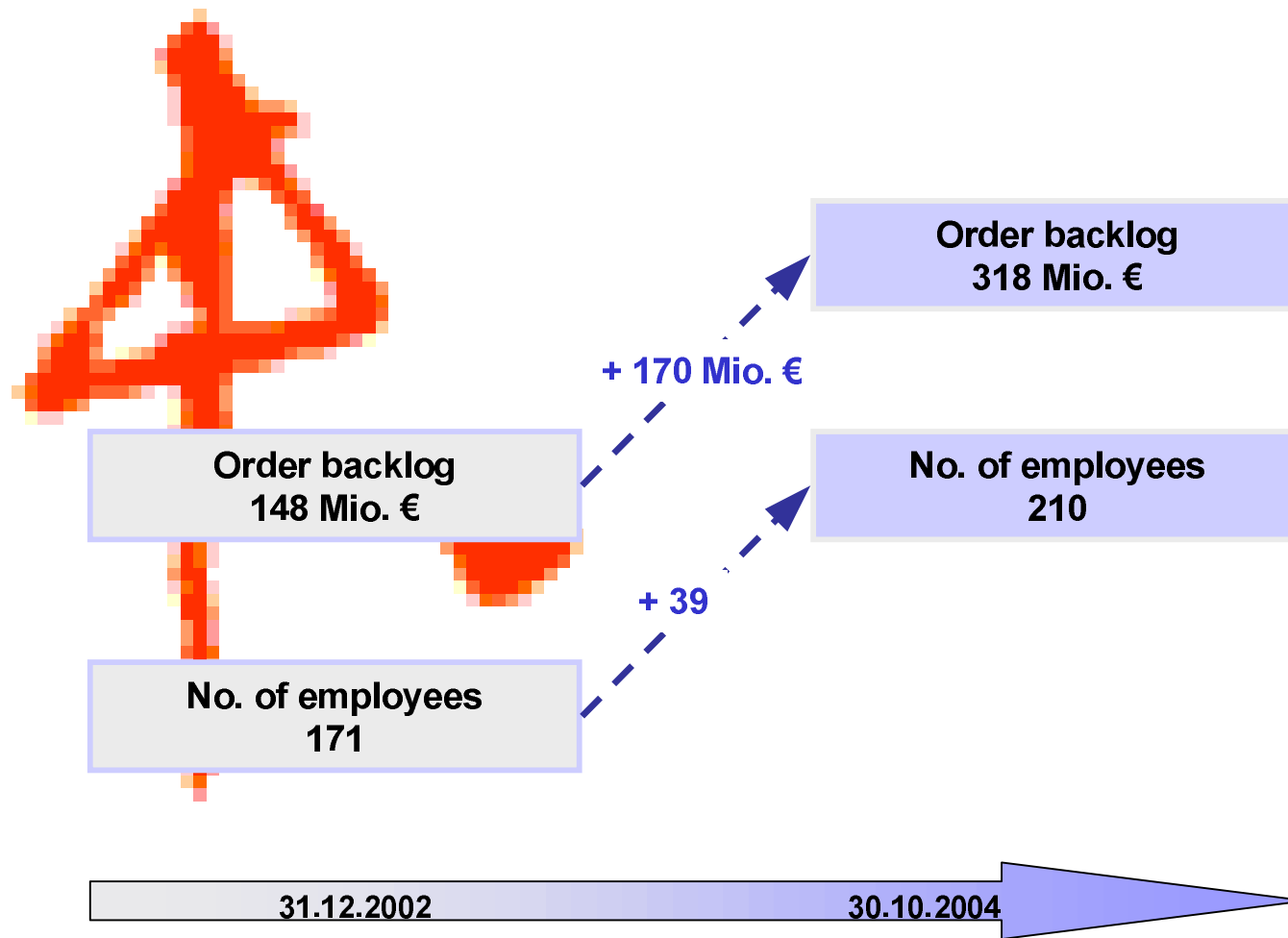
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FISIA BABCOCK ENVIRONMENT GmbH - Organisation



FISIA BABCOCK ENVIRONMENT - Key figures



Shareholder capital paid in: 10 Mio. €



The Current Situation - Major Orders In Execution

Business Unit: Waste-to-Energy

Hameln	new WtE-unit	1 x 13 t/h
Wuppertal	new WtE-unit	1 x 13 t/h
Joenkoeping	new WtE-unit	1 x 22 t/h
Oberhausen K3	new WtE-unit	1 x 25 t/h
Glostrup	new WtE-unit	1 x 35 t/h
Naples	new WtE-unit	3 x 27 t/h
Aarhus	new WtE-unit	1 x 18 t/h
Campania	new WtE-unit	2 x 27 t/h

The Current Situation - Major Orders In Execution

Business Unit: Gas Cleaning

Mannheim	Desulphurisation+ESP	280 MW el
Schkopau	Desulphurisation	2 x 400 MW el
Esbjerg	DeNOx	400 MW el
Maasvlakte/NL	DeNOx	2 x 540 MW el
Nüchnritz	Electrostatic Precipitator	41 000 m ³ /h
Neurath BoA 2	Electrostatic Precipitator	2 x 1 100 MW el
Naples	Gas Cleaning for WtE	3 x 215 000 m ³ /h
Aarhus	Gas Cleaning for WtE	1 x 150 000 m ³ /h
Campania	Gas Cleaning for WtE	2 x 215 000 m ³ /h



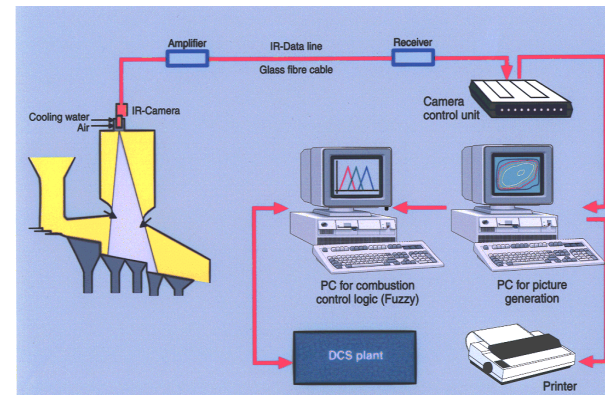
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- 4. Products & Technologies**

Products & Technologies - Waste-to-Energy

Municipal Solid Waste Incineration

- Grate systems
 - Air cooled stepped moving grate system
 - Air cooled roller grate system
 - Water cooled moving grate system
- Steam generator
 - Natural circulation
 - High pressure/temperature
 - Top or bottom supported
 - Vertical, horizontal or lane arrangement
- Ash handling
- Process control systems

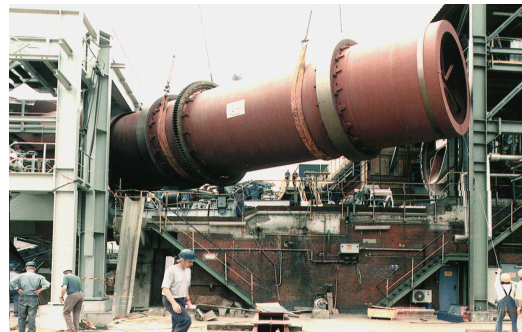


Hazardous Waste Incineration

- Rotary kiln technology
- Secondary combustion chamber
- Steam generator
- Ash handling

Special Technologies

- Cycloid firing
- SNCR process
- Slag washing, Hagenmair process



Products & Technologies - Gas Cleaning

Downstream Power Plants

- Flue gas desulphurisation (FGD)
(single-loop absorber, dual-loop absorber, dry process, semi-dry spray scrubbing)
- NO_x removal (SCR)
- Particulate removal
(electrostatic precipitator, baghouse)

Downstream Waste-to-Energy and Industry

- All state-of-the-art processes for removal of
 - HCl, HF, SO₂, NO_x
 - Particels und dust
 - Heavy metals
 - Dioxine and furanes
 - Organic compounds
- Complete process chain as combination

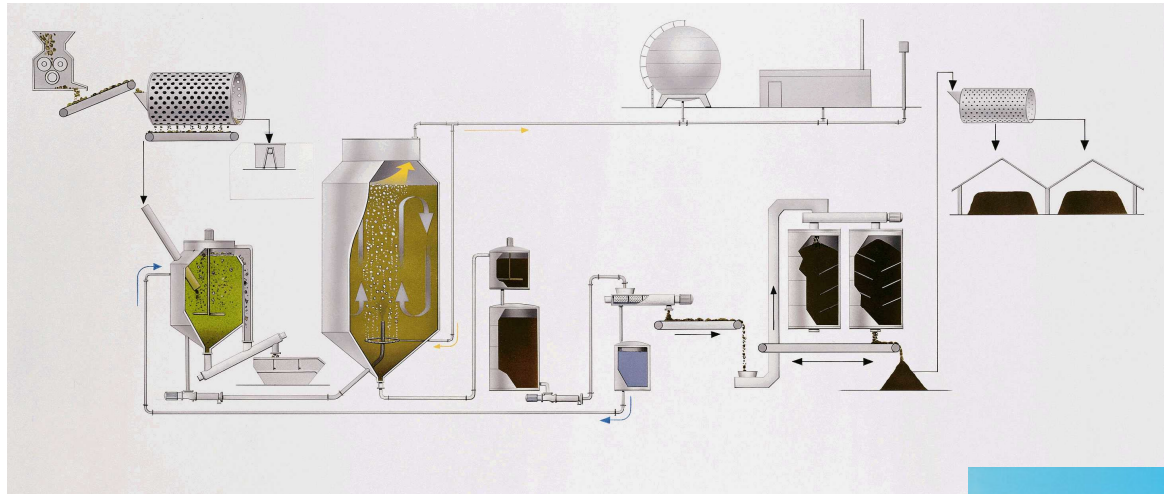


Buschhaus

Cologne



Products & Technologies - Mechanical Biological Waste Treatment



Digestion

- Valorga Process



Products & Technologies - Solar Energy

Solar Power Plants

PHOEBUS Solar-Power-Tower

References

Almeria 3,0 MW th.

San Luca 35 MW th. (Basic Eng.)

