

General
Presentation
2009



GA-Magyarország Kft.

 Gruppe

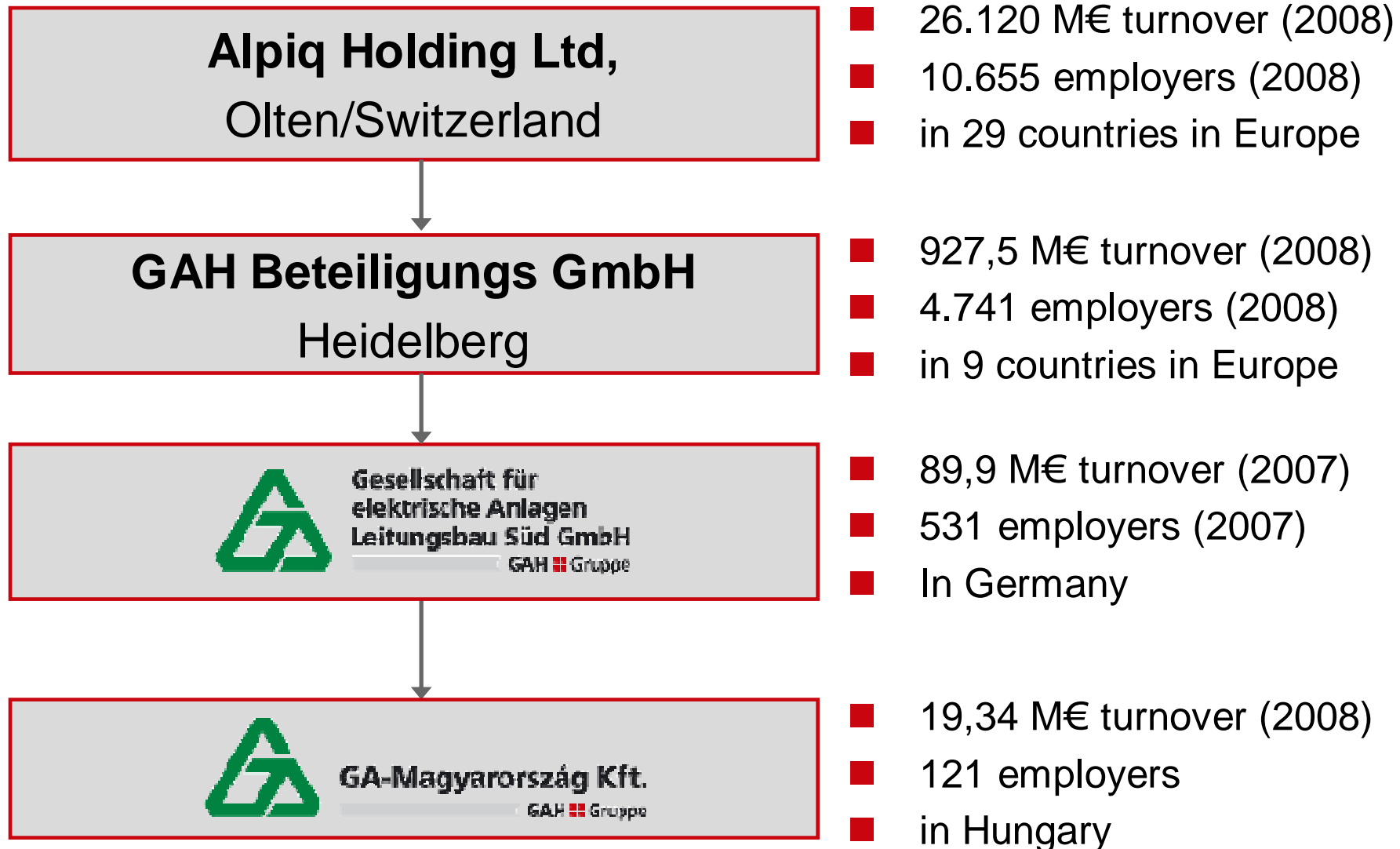


A GA Magyarország Kft Short overview

- A young company with competent experience on the Hungarian electrical and communication principal contractor market
- 90 year long experience as a member of GAH Group
- Power electric devices and communication network
- 121 employees, 19,34 t€ turnover (2008)
- Stable economy position, dynamic growth



GA Magyarország Kft Ownership structure





Alpiq Holding Ltd. (Olten)

Ownership structure 2009

New company (ALPIQ)

31% EOS Holding

31% Switzerland shareholders consortium (AIL, EBL, EBM, IBA, Solothurn Kanton, WWZ)

25% EDF

13% Others (A2A, EnBW, public)

AIL Aziende Industriali di Lugano SA

EOS Energie Ouest Suisse Holding

EBL Elektra Baselland Liestal

EBM Elektra Birseck Münchenstein

EDF Electricité de France

IBA Industrielle Betriebe Aarau AG

WWZ Wasserwerke Zug AG



GAH Beteiligungs Ltd. The GAH Group in Europe

Energy & Industrial Plant Technology



Külföld



Energy Transmission & Communication Technology



GA Energo technik CZ



GAH Gruppe

90 years experience

- 1916 27th December, Establishment of Gesellschaft für Anlagen GmbH,
By takeover of militants and liabilities, 30.000 RM capital
Main activities: LV/MV/HV overheadlines
Manufacturing of electrical heating- and cooking devices
- 1922 Capital increasing 300.000 RM
More than 100 employees, building of 110 kV overheadline for Bayernwerk AG and Württembergische Landeselektrizitäts-AG
- 1945 Active participation in the re-building of electrical network in Germany
LV/MV/HV overheadlines-, street lighting-, cable networks and substations building
- 1970 First foreign activity: Establishment of LBG Linz with EBG (50-50%), than other new branch offices around Germany
- 1977 The main activities as design, installation and maintenance of electrical devices, electrical-, water-, gas- and heating network
- 1997 Establishment of GAH Anlagentechnik AG, transfer of the headquarter to Heidelberg, building of the holding structure



GA Magyarország Kft. Milestones of the History

- 1994 Company establishment, registration by registry court
- 1995 GA-ALCATEL partner contract for UTI concession areas - construction of fibre optic network
- 1998 Acquisition of personnel from ÉMÁSZ Salgótarján, Gyöngyös and Eger – Outsourcing
- 1998 Reconstruction works of ELMÜ 220/120/20 kV substation in Soroksár - primary power technology and control technology/protection
- 1999 Start-up of Geographic Information System division

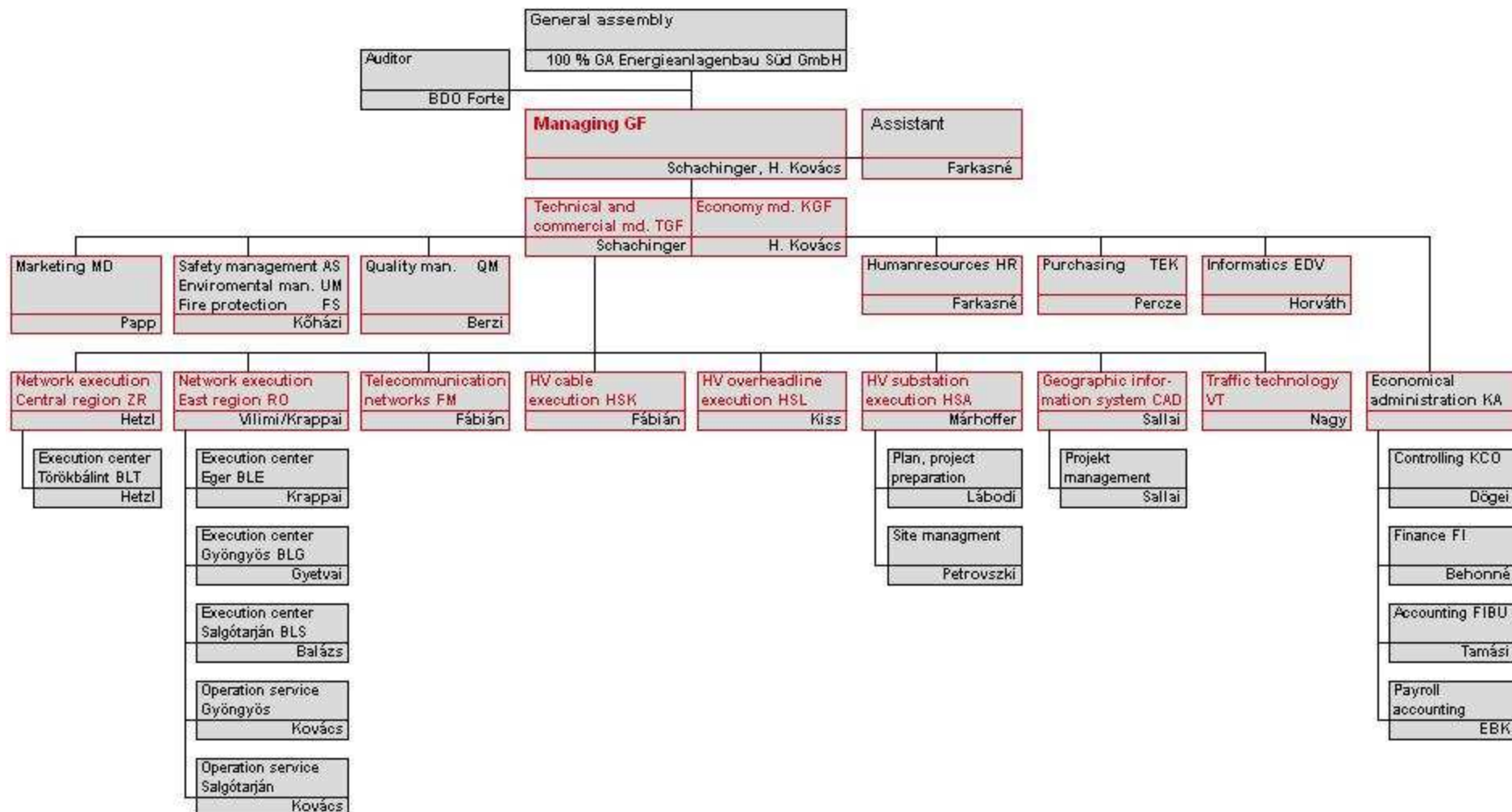


GA Magyarország Kft. Milestones of the History

- 2000 Sparks of procedures and organization, re-organization (BPR)
- 2001 Quality management system ISO 9001:2000
- 2002 Takeover of operation personnel from ÉMÁSZ Utility in regions Salgótarján and Gyöngyösi (low-, medium voltage distribution network, public lightning, consumer connection)
- 2003 Integrated quality management system (ISO 9001/14001)
- 2004 Start-up of traffic technology department
- 2007 Start-up of integrated business administration system - SAP
- 2008 Launching of MEBIR 28001 (OHSAS 18001) system



GA Magyarország Kft. Organization chart





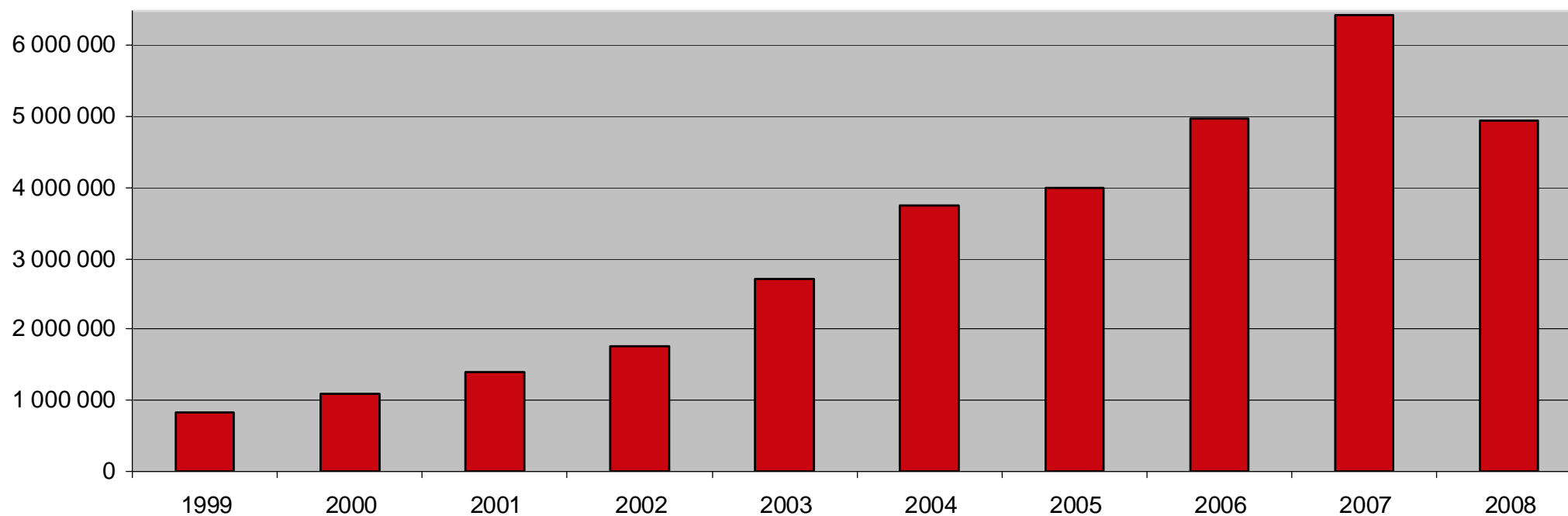
GA Magyarország Kft. Sites





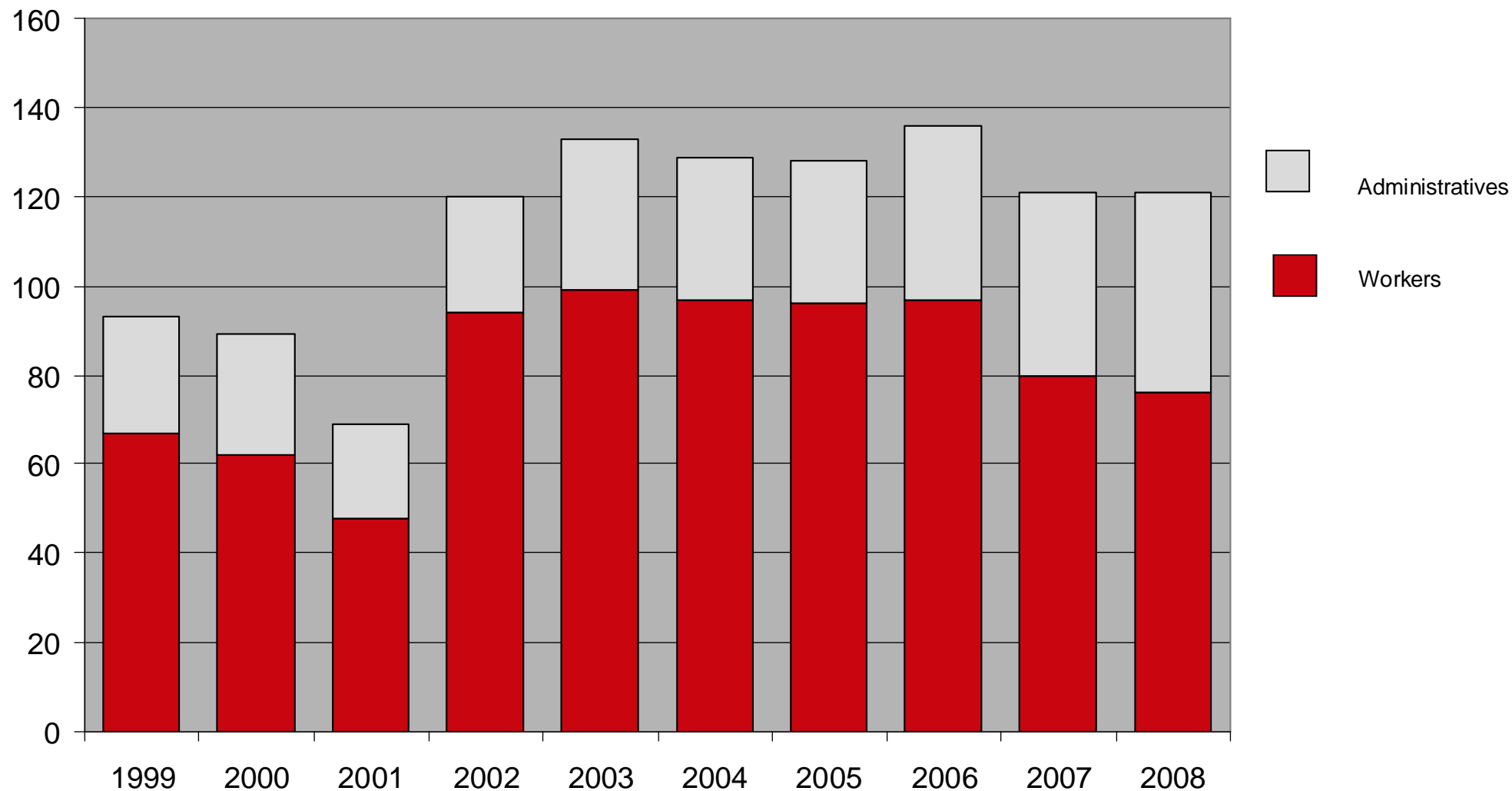
GA Magyarország Kft. Turnover development

T€



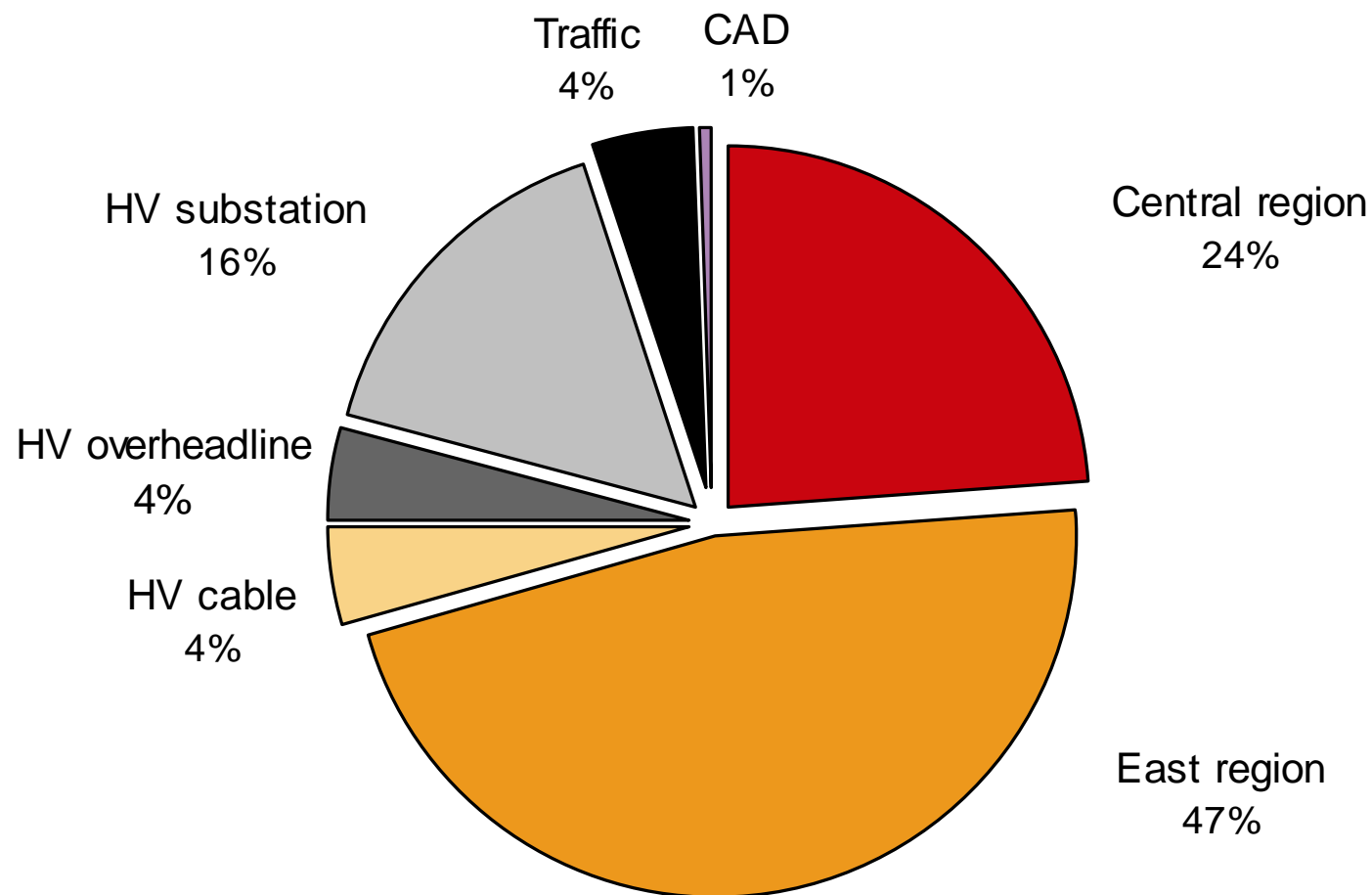


GA Magyarország Kft. Employee development



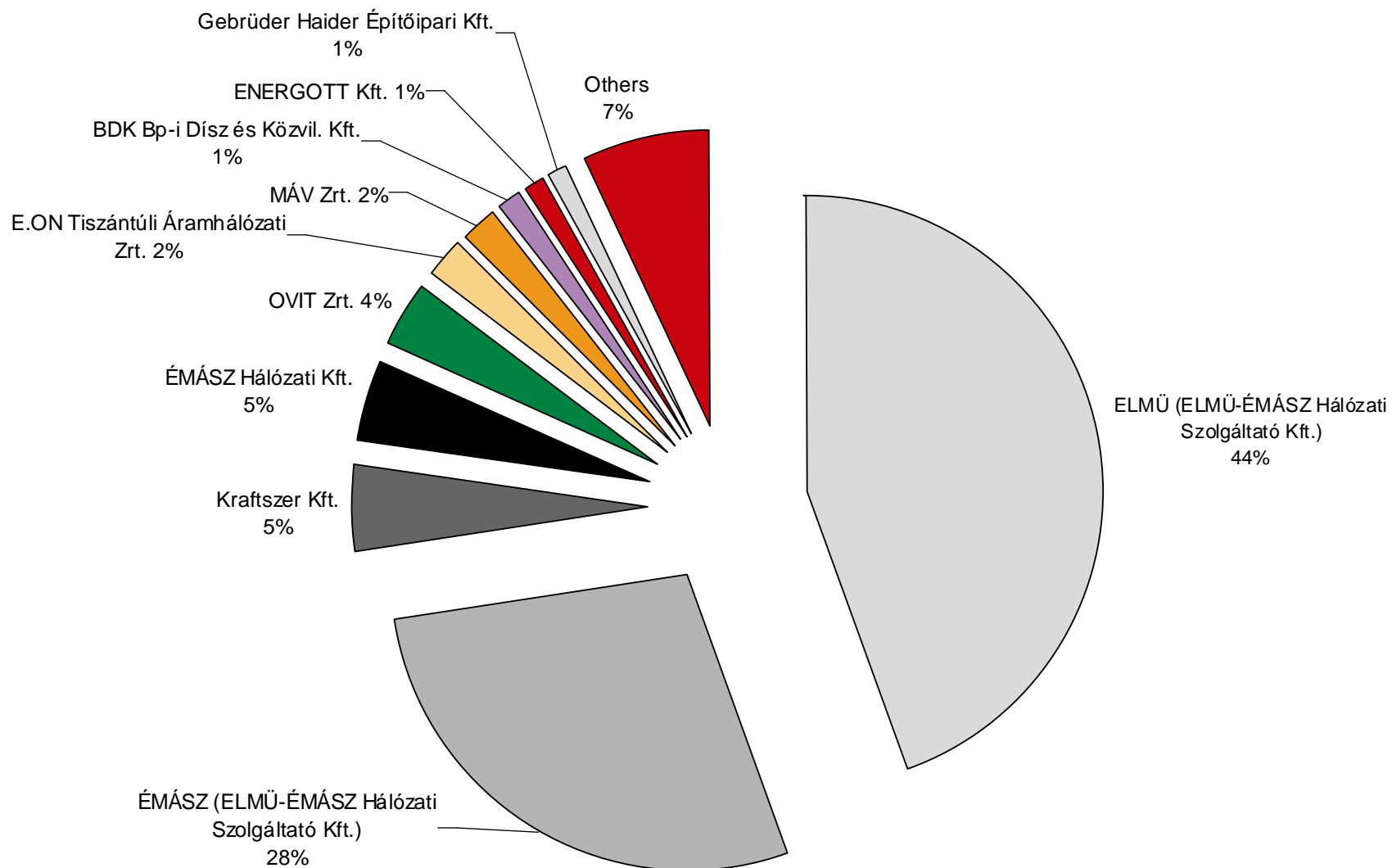


Turnover distribution by division





Turnover distribution by clients





GA Magyarország Kft. High voltage substations

- Substations and high voltage switching equipments until 120 kV, moreover transformer stations at each voltage and accomplishment
- Planning, design, project organization, transport, assembly, start-up and all maintenance and repair work of primary-, secondary- and power control technology of all kind of establishments





GA Magyarország Kft.

High voltage overheadline networks

- All kind of survey and route planning
- All kind of calculations
- All kind of foundation works and assembly
- Laying of light-wave conductor cable as protection
- Conductor (OPGW) respectively separate cable
- Repair work, maintenance, updating





GA Magyarország Kft. High voltage cable networks

- Start-up assembly of cable networks until 132kV
- Planning and route planning
- Calculation of entering power and roller distance
- Civil engineering, logistics, documentation
- Cable laying, assembly





GA Magyarország Kft. Medium- and low voltage overheadlines

- All kind of standard installments in connection with
- Power supplier networks, moreover individual solutions,
- Light-wave conductor cable assembly included

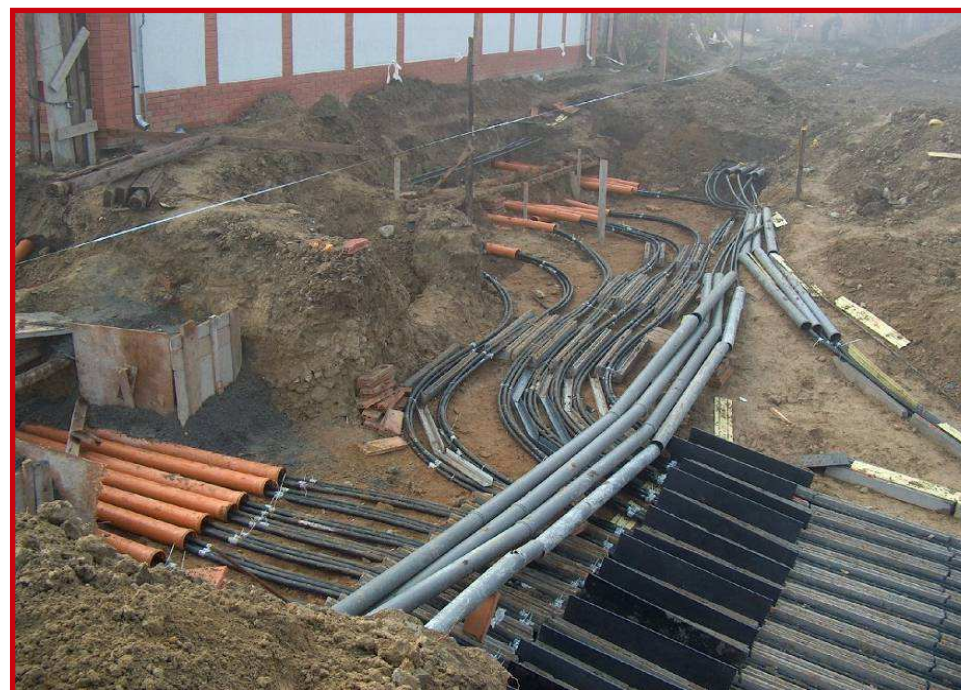




GA Magyarország Kft.

Medium- and low voltage cable networks

- Start-up assembly of cable networks
- Planning and route planning
- Calculation of entering power and roller distance
- Civil engineering, logistics, documentation
- Cable laying, assembly





GA Magyarország Kft. Power supply distribution equipments

- Medium voltage switching systems and transformers
- Low voltage technology
- Reactive power compensators
- Supplementary network elements





GA Magyarország Kft. Street-lighting

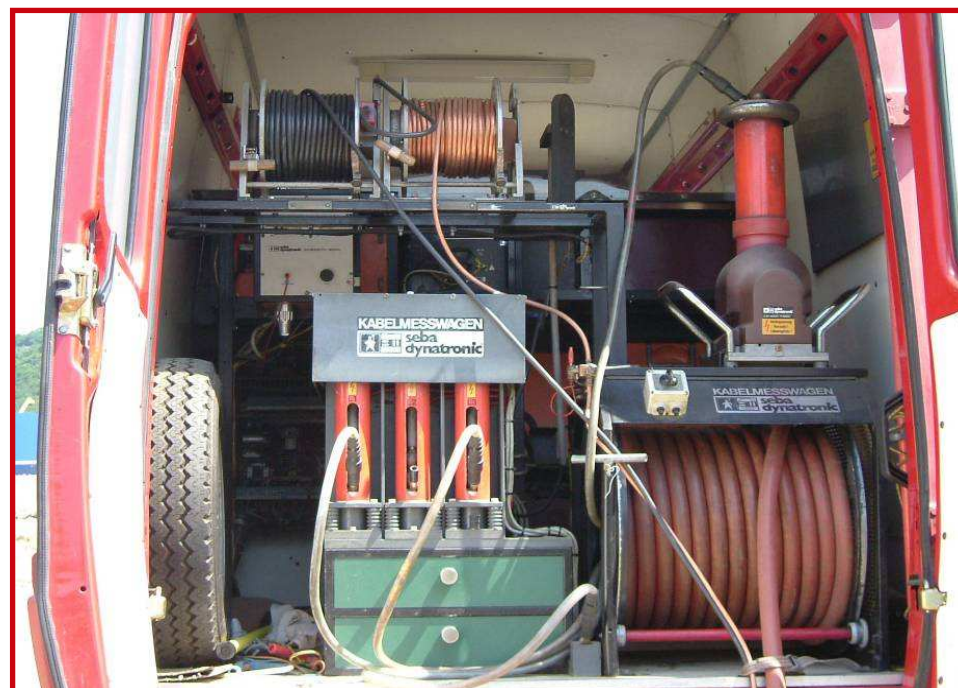
- Public- and street-lighting
- Floodlighting systems
- Building and monument lighting
- Lighting with object protection
- Planning, design, assembly, maintenance and
- Documentation





GA Magyarország Kft. Light-wave conduction projects

- Laying of conductor
 - into an empty pipe
 - onto overhead line
 - within a building
- Assembly of all kind of joint- and closing parts
- Surveying, installment, start-up and documentation

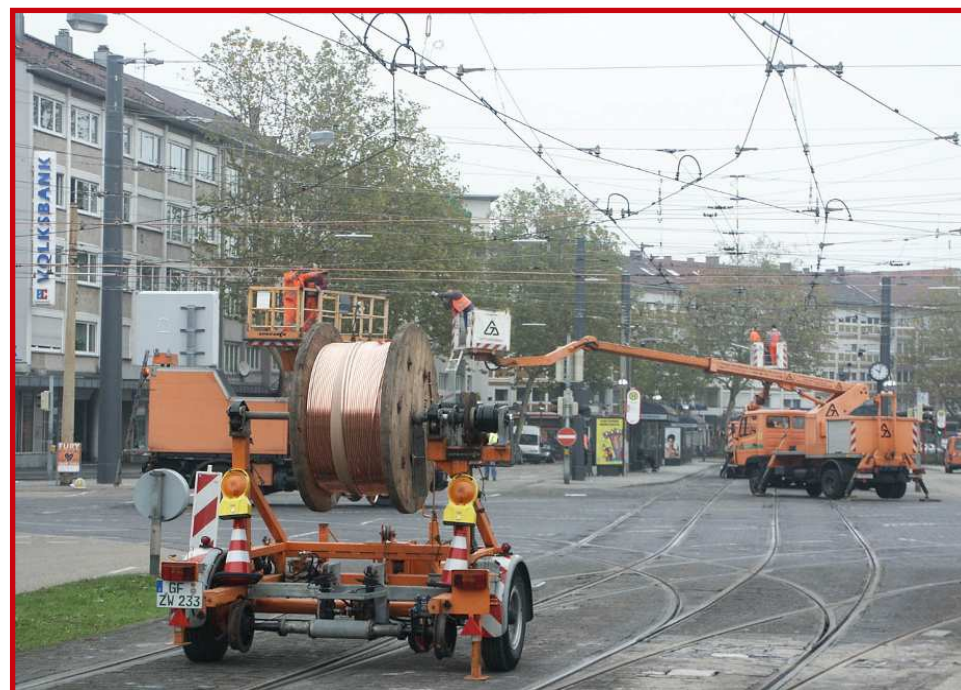




GA Magyarország Kft. Public Traffic Traction Technology

Contact lines and Power systems:

- Planning
- Assembly and Reconstruction
- Maintenance
- Documentation
- GA-wire, and GA-des softwares for planning and maintenance

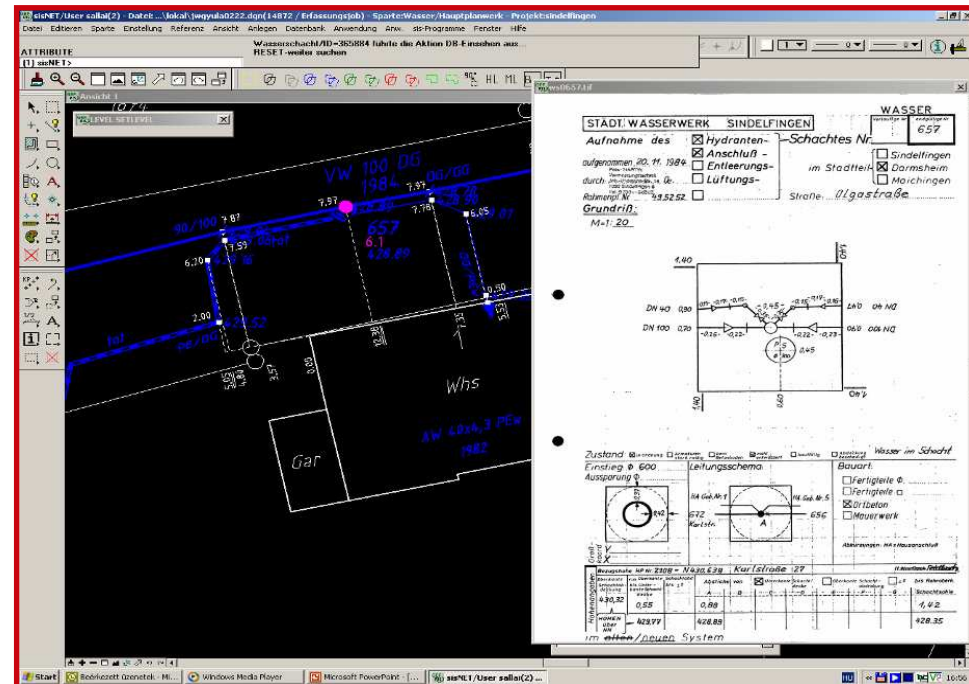




GA Magyarország Kft.

Plan documentation and digitalization

- Maintenance of conventional plans
- Digitizing of all kind of plans in CAD System
- Updating of digital plans
- Measuring works of land-register plans





GA Magyarország Kft. Company philosophy

GA MAGYARORSZÁG KFT
=
WIDESPREAD QUALITATIVE AND
ENVIROMENTCONSCIOUS SERVICE
FROM ONE HAND