

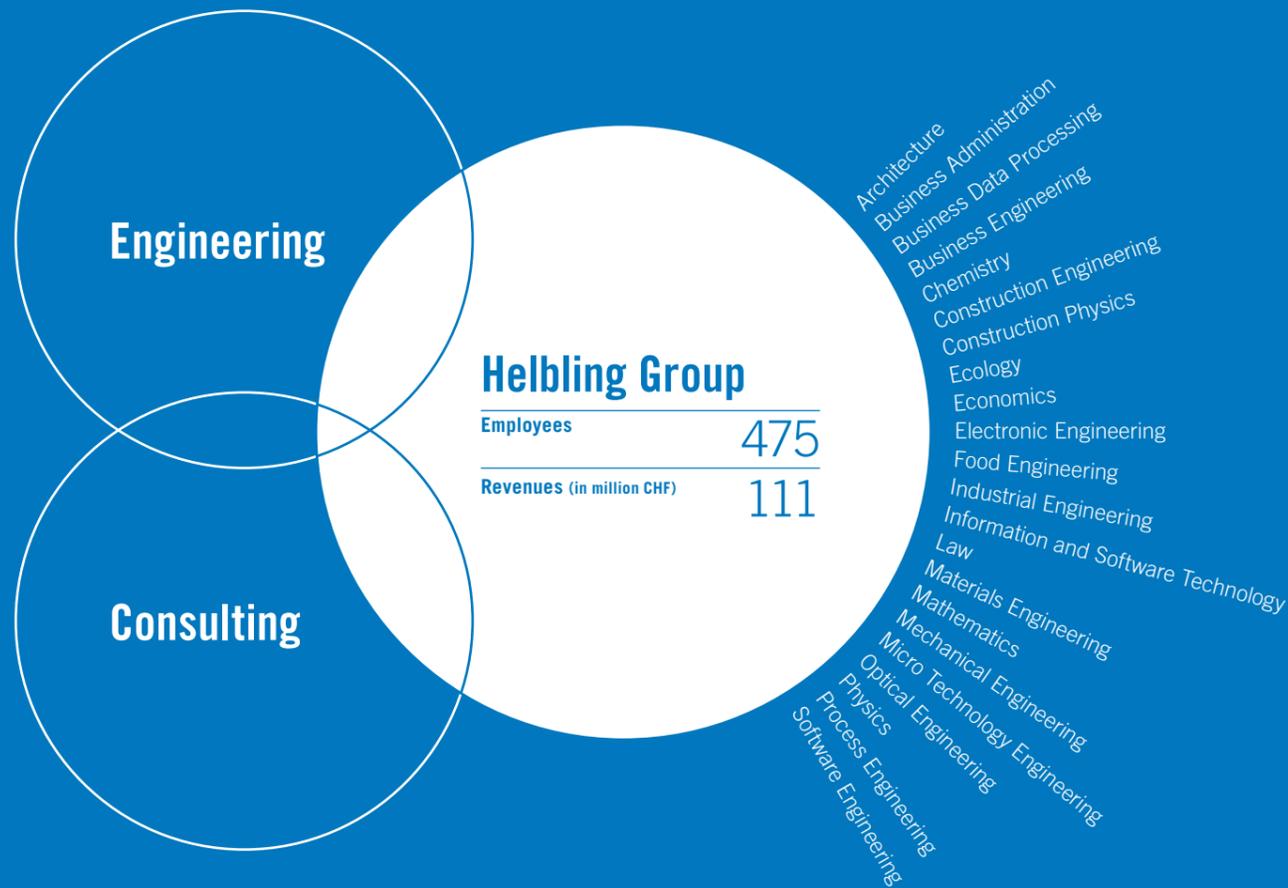
helbling



Company Portrait and Business Year 2013

Helbling
Valuable through Innovation

We realize innovations efficiently and solve entrepreneurial tasks



Helbling Technik	Helbling Business Advisors	Helbling Beratung + Bauplanung	Helbling IT Solutions
Employees 330	Employees 80	Employees 40	Employees 15
Revenues (in million CHF) 72	Revenues (in million CHF) 24	Revenues (in million CHF) 9	Revenues (in million CHF) 6
Locations Aarau, Bern, Cambridge MA, Munich, Shanghai, Wil SG, Zurich	Locations Düsseldorf, Munich, Stuttgart, Zurich	Location Zurich	Location Zurich

Helbling – a Leader in Technological Innovation and Business Consulting

Dear Readers

The Helbling Group celebrated its 50th anniversary in 2013. After starting out as an engineering office set up by Max J. Helbling in 1963, the Group grew over several decades to become what is today Switzerland's largest independent engineering and business consulting firm with a staff of 475 professionals. The Group owes this development to the loyalty and trust of its clients and business partners and the dedication of its employees, including the support they receive from their families and friends. To express our thanks we invited them all to an anniversary gala celebration last September in Zurich. We also marked the event with a new corporate image and revamped the website.

Our Group stands out in the marketplace with a unique spectrum of interdisciplinary skills in engineering and business consulting. Our service offering ranges from innovation, technology and product development to strategy, restructuring, mergers and acquisitions, right through to IT, real estate, energy and infrastructure. The Helbling Group comprises four business divisions and is owned by its 28 managing partners who are responsible for the management and financing of the Group.

Our clients come from very different branches of industry and include corporate divisions as well as mid-sized businesses and start-ups. We support them in the innovation of their product range, in opening up new markets and also in lowering costs or ensuring their business survival in times of financial distress. Our combination of technological know-how and business consulting capabilities enables us to pursue both a specialist and overall entrepreneurial approach to the projects we undertake. In doing so, our objective is always the same: to strengthen our clients' innovative power and competitive edge. Consequently we do not consider our task completed until the client has become "Valuable through Innovation" as our own corporate mission states.

On behalf of all our employees we would like to express our deepest gratitude for your valued trust, which is the foundation of our successful collaboration with you.

Sincerely yours

Dr. Reto Müller
Chairman of the Board of Directors
Helbling Group



Dr. Christian Péclat
CEO
Helbling Group



Review and Outlook

The Helbling Group can look back on a successful anniversary year in 2013 with revenues of over CHF 111 million, the highest in the firm's history. This pleasing performance is largely due to our Innovation and Engineering division which saw another increase in demand last year. Given the growth in mandates and with a view to the Group's further development we created 20 additional jobs and increased our headcount to 475.

Our four business divisions deepened their longstanding partnerships and strategic cooperation arrangements with a large number of major clients. In addition, they succeeded in winning numerous new clients, including both established companies and start-ups. We executed projects of strategic importance for our clients in all our fields of business, assisting them with innovation projects as well as with the steady development of existing and new market segments. The aim of such projects is to enable them to attain or strengthen their market leadership through organic growth. In addition, we were mandated by various clients to accelerate their innovation process, significantly reduce manufacturing costs for new products or to increase the efficiency of their operating processes. For companies in financial distress we carried out restructuring programs to ensure their business survival. In doing so, we also helped them devise strategies for the future that we implemented swiftly together with the client. Other firms enlisted our assistance in executing complex M&A transactions as both acquirer and acquiree. In the building industry we supported public and private-sector construction owners on large-scale construction and infrastructure projects – always with the aim of enhancing their efficiency and profitability.

Employees are Key

As with any company, the success of the Helbling Group depends on many factors. Among the most important of these is the company's workforce. We make every effort to increase our attractiveness for top graduates and experienced professionals, offering them the opportunity to develop their talents in challenging projects for our renowned clients. Helbling provides an environment that is unique in its interdisciplinary variety and enables us to offer those reference projects that make us stand out in the marketplace. In order to expand these services and provide our employees with interesting career prospects we invested on a large scale in further education and training in 2013. We also integrated many new employees in the organization and trained them, thereby forging a sound basis for the future development of the Group. And finally, we again offered a large number of apprenticeships and internships for new entrants.

Stronger International Business

International projects accounted for a third of our revenues in the year under review. These are made up of revenues from international mandates performed by our Swiss business units and the revenues generated by our foreign locations in Germany, USA and China.



Reto Müller, Partner
Dr. oec. HSG
Chairman of the Board of Directors
Helbling Group



Christian Péclat, Partner
Dr. sc. tech. EPFL
CEO Helbling Group
Member of the Board of Directors



Marcel Fäh, Partner
lic. oec. publ.
CFO Helbling Group
Member of the Board of Directors



Walter Huber, Partner
dipl. Ing. FH
Member of the Group
Executive Committee



Philipp Stoffel, Partner
dipl. Ing. ETH, Dr. sc. tech.
Member of the Group
Executive Committee



Stefan Huber, Partner
lic. oec. HSG
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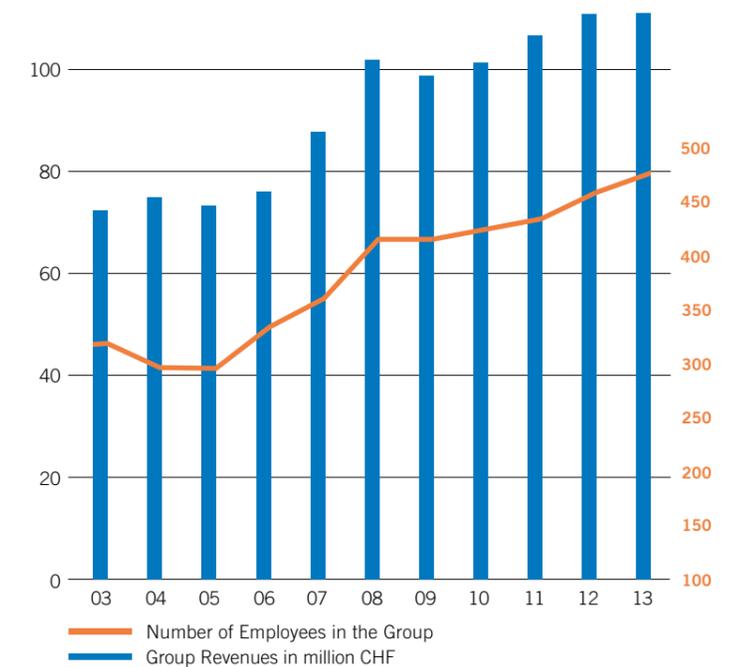
International collaboration between seasoned teams of Helbling specialists, clients and external partners will continue to gain in importance. These teams have an excellent collaborative platform in the Helbling Group with its efficient work and planning tools that give them shared access to centrally secured data from anywhere in the world. It is likewise decisive for our international competitive ability that we are present with our own locations abroad. They enable us to be close to our customers and are an essential prerequisite for in-depth national and market-specific intelligence.

Growing Outsourcing Trend

Among the most significant developments with which we consciously align our business efforts is the growing tendency to outsource specific functions of the organization. This applies to research and development tasks, for instance, but also in increasing measure to other areas. The reason for this is obvious: In today's business environment companies are no longer able to build up a complete range of top-level skills internally and maintain the availability of these during fluctuations in demand, thus enabling them to tackle all the challenges that might arise at any particular time. This applies to innovations, which often cannot be generated alone, and to process optimization and the development of new markets. This is why companies increasingly form project teams drawn from the cream of the world's specialists, thereby securing access to state-of-the-art know-how and multiplying their creativity and capabilities. At the same time they gain flexibility in their fixed costs. We see great market potential in this development and are building our teams to specifically exploit it.

Sound Financial Position

In the year under review we continued to invest in the expansion of our locations and their infrastructure. Thanks to our strong earnings power that generated a cash flow of CHF 10.2 million in 2013, we were again able to finance all our investments from our own funds. We succeeded in maintaining our high equity ratio of around 60% and consequently retained the best rating for privately owned mid-sized firms assigned by the banks. This healthy financial position and our proven partnership model that ensures smooth generational succession over the long term, enable us to pursue our strategic goal of stable corporate development allied with total independence.



Spectrum of Experience in the Global Economy

The Helbling Group has its headquarters and several subsidiaries in Switzerland and is represented through companies in Germany, the USA and China. The Helbling Group has project experience on every continent.

Our Focus

- A nexus of technological and business know-how
- Entrepreneurial innovation management from strategy to product development, marketing and resource planning
- Mid-sized companies/organizations and divisions of large corporations
- Industry know-how
- Implementation and achievement of results
- Independence (no conflicts of interest) thanks to sound finances and an enviable track record of business success

Our Visions

People generate markets

We create scope for interdisciplinary teams and creative entrepreneurship.

Our clients' success is our success

We are a trusted professional partner delivering results that help our clients move ahead.

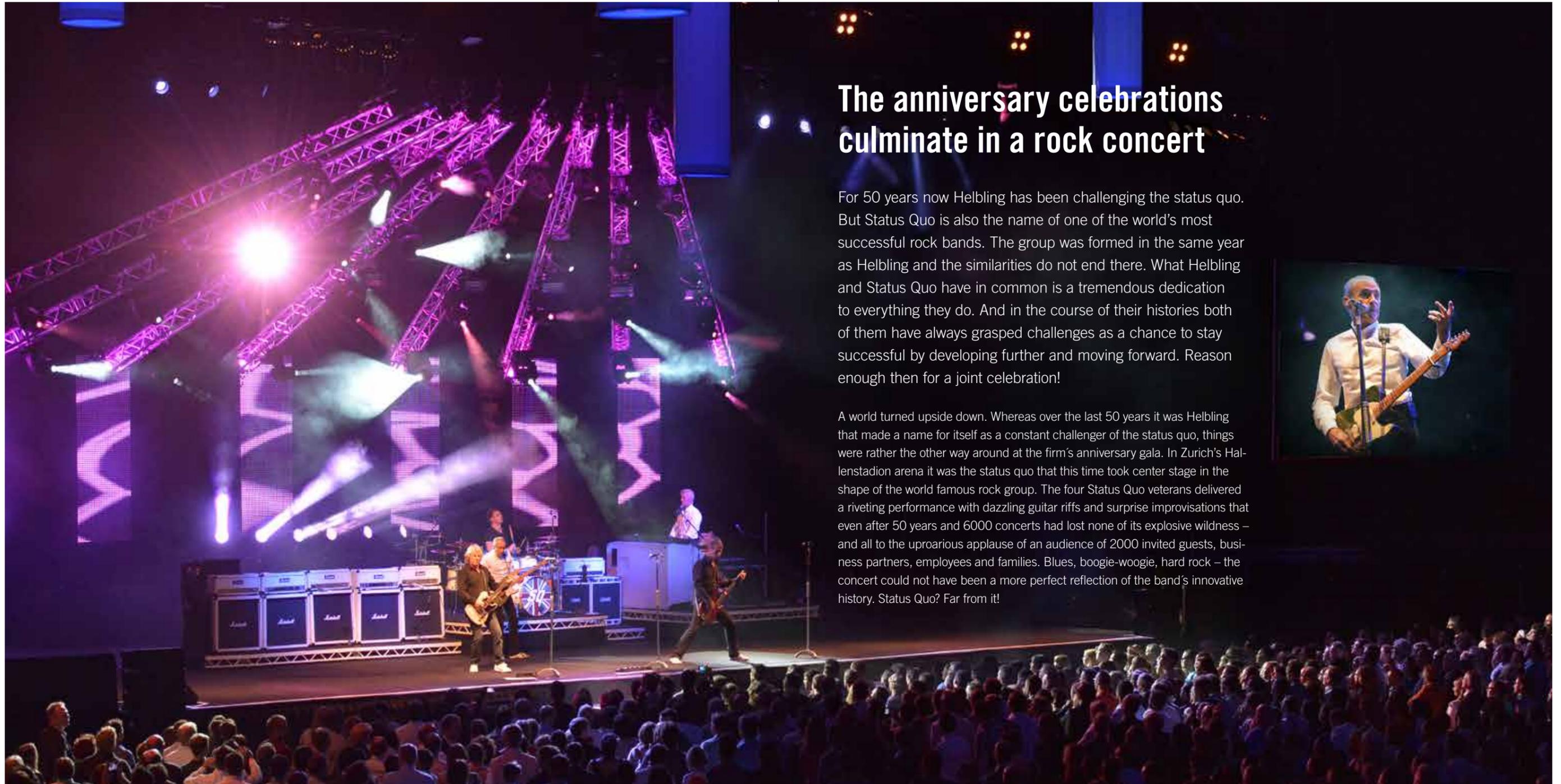
We are independent and shape our own future

The Helbling Group is owned by its managing partners and employees, who share the same entrepreneurial mindset.



Our clients include leading players in the following sectors:

- | | | | |
|---------------------------|------------------------------|------------------------------------|---------------------------------|
| - Apparatus | - Energy | - Micro Technology | - Senior Residential Facilities |
| - Automation and Robotics | - Engineering | - National and International Trade | - Software |
| - Automotive | - Environmental Technologies | - Paper Production | - Space |
| - Automotive Supply | - Financial Services | - Pharma | - Telecommunications |
| - Aviation | - Food Industry | - Plastics | - Textiles and Clothing |
| - Banking and Insurance | - Healthcare | - Precision Instruments | - Tool and Mold Making |
| - Biotechnology | - Hospitals | - Printing | - Transportation and Logistics |
| - Building Systems | - Household Appliances | - Public Companies | - Vehicle Construction |
| - Care Homes | - Industrial Electronics | - Public Sector | - Watch Industry |
| - Chemicals | - Information Technology | - Research and Education | - Wholesale |
| - Construction | - Instruments Manufacturing | - Retail | |
| - Consumer Electronics | - Mechanical Engineering | - Security Technology | |
| - Electrical Engineering | - Medtech | | |



The anniversary celebrations culminate in a rock concert

For 50 years now Helbling has been challenging the status quo. But Status Quo is also the name of one of the world's most successful rock bands. The group was formed in the same year as Helbling and the similarities do not end there. What Helbling and Status Quo have in common is a tremendous dedication to everything they do. And in the course of their histories both of them have always grasped challenges as a chance to stay successful by developing further and moving forward. Reason enough then for a joint celebration!

A world turned upside down. Whereas over the last 50 years it was Helbling that made a name for itself as a constant challenger of the status quo, things were rather the other way around at the firm's anniversary gala. In Zurich's Hallenstadion arena it was the status quo that this time took center stage in the shape of the world famous rock group. The four Status Quo veterans delivered a riveting performance with dazzling guitar riffs and surprise improvisations that even after 50 years and 6000 concerts had lost none of its explosive wildness – and all to the uproarious applause of an audience of 2000 invited guests, business partners, employees and families. Blues, boogie-woogie, hard rock – the concert could not have been a more perfect reflection of the band's innovative history. Status Quo? Far from it!



Helbling Technik

Innovation, together we do it

Your Partner for Innovative Product Design through Collaboration

Specialist Areas

- Product Innovation
- Mechanics and Construction
- Electronics and Firmware
- Software Engineering
- Calculation and Simulation
- Thermodynamics, Fluidics, Acoustics
- Micro Technology and Microsystems Technology/MEMS
- Measuring and Sensing Technology
- Optics
- Signal and Image Processing
- Automation and Robotics
- Mechatronics
- Plastics Technology
- Materials Science
- Eco Design

Industries

- Household and Office Appliances
- Transportation
- Medtech
- Automation and Machinery
- Service Industry/Public Sector
- Diagnostics and Lab Systems
- Energy & Smart Infrastructure
- Clean Technology (CleanTech)
- Instruments and Tools



The first modernized double-deck commuter train DPZ+ of the S-Bahn Zurich on a test run in June 2012

As an independent R&D contractor, Helbling Technik employs intelligence, intuition and drive to develop innovative solutions that give clients a competitive advantage in their markets. Our relationships with clients are marked by mutual trust and longstanding collaborative partnerships. The aim of continually deepening these relationships is one of our strategic objectives and explains why we recorded further growth in our business during 2013.

Experienced engineers are in high demand. At Helbling Technik they work in seasoned

interdisciplinary teams, supported by a high-performance infrastructure and state-of-the-art laboratory resources. Numerous ISO certifications confirm the quality of our development processes. In addition we also provide our clients with access to our leading-edge innovation network comprising universities and colleges, industrial designers, prototyping specialists and production partners. In this way we enable them not only to develop their products faster and at lower costs but also, and more importantly, with a greater degree of innovation and quality.



Nespresso VertuoLine™ – the new coffee system of Nestlé Nespresso S.A.



Walter Huber, Partner
dipl. Ing. FH
President and CEO



Tom Russi, Partner
Dr. dipl. Ing. ETH
Senior Vice President
Aarau



Harald Zurheide, Partner
dipl. Ing. FH
Senior Vice President
Aarau



Béat Stulz, Partner
dipl. Ing. FH
Senior Vice President
Bern



Peter Jermann, Partner
dipl. Ing. EPFL
Senior Vice President
Bern



Urban Schnell, Partner
dipl. Ing. EPFL, Dr. ès. sc. tech.
Senior Vice President
Bern



Hans Tischhauser, Partner
dipl. Ing. FH
Senior Vice President
Wil SG



Franz von Niederhäusern, Partner
dipl. Ing. ETH
Senior Vice President
Zurich

Innovation Center Transportation, Power Generation & Simulation

The Innovation Center in Aarau provides development, construction and numerical simulation services. These consist of structural analyses, dynamic simulations, computational fluid dynamics (CFD) analyses, drop test simulations and crash analyses. Our clients include international corporations, mainly from Switzerland, Germany and China with whom we deepened our collaborative partnerships in 2013. The majority of development projects we conducted were again for manufacturers and operators of rolling stock (railways and theme park rides) as well as suppliers of related components. Last year we continued to expand the new service Railway Control System for this business segment. In the power generation segment we specialize in cooling systems for direct and indirect condensation of steam after it leaves the low pressure steam turbines.

Innovation Center Software Engineering & IT

Our second innovation center in Aarau develops specific software applications for clients in the manufacturing, equipment, security and medtech industries, as well as the services and public sectors. These applications cover a wide range, extending from mobile applications, cloud platforms and enterprise solutions to testing and quality assurance, statistics and data mining, to which we have now added building automation. The center saw a year of strong growth in 2013 in terms of both revenues and employees. We attribute this success to our flexible response to clients' needs and our use of the latest technologies and methodologies. This requires continuous investment in the development and education of our professionals and in our software tools and IT infrastructure.

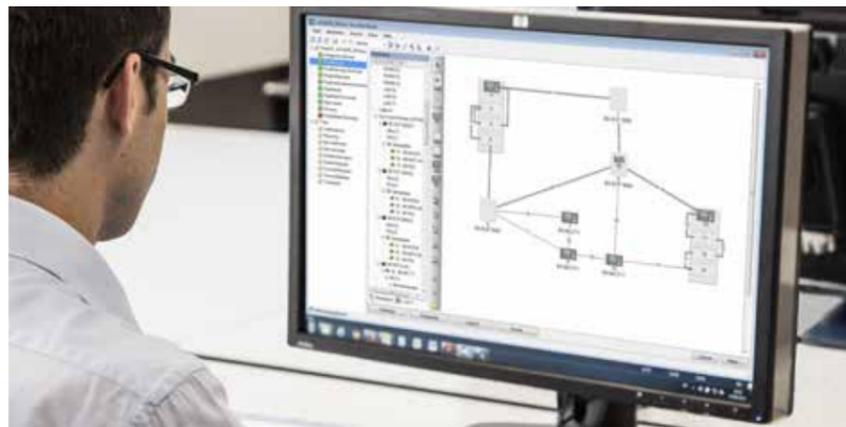


Center for Transportation, Power Generation & Simulation
36 employees

Center for Software Engineering & IT
28 employees



Development and simulation of a free fall amusement ride



Software application for the configuration of fire alarm systems



Daniel Jutzi
dipl. Ing. FH, MBA FH
Head of Development



Andreas Suter, Partner
dipl. Ing. FH
Head of Business Unit



Benno Steiner
dipl. Ing. FH, MAS BA
Head of Development



Andreas Schneider
dipl. Ing. FH
Head of Development



HYT hydro-mechanical watch with Preciflex fluidic technology



Implantable hearing aid and direct acoustical cochlear stimulator (DACS)



Disposable endoscope with opto-electronics and sensor in the tip



Center for Home & Office Appliances
30 employees

Center for Medtech, Optics & Micro Technology
45 employees

Innovation Center Home & Office Appliances

The innovation center for home and office appliances develops complete devices, components and technologies in major innovation projects, particularly for companies with high production volumes. Our special capabilities include the development of coffee machines, which we accompany closely from the initial concept right through to industrialization – always in close collaboration with manufacturers and suppliers worldwide. To cope with the continued growth in demand last year we expanded our laboratory infrastructure and strengthened our teams with additional electrical engineers and software specialists, thus enlarging our service offering.

Innovation Center Medtech, Optics and Micro Technology

The innovation center for medtech, optics and micro technology develops innovative technologies and products for an extremely international clientele that includes both large concerns who are leaders in their markets as well as research institutes and start-ups. As in previous years the range of products developed covered medtech devices and implants for diagnostic and therapeutic applications in the areas of ophthalmology, hearing aids, diabetes, diagnostics, neurology and medication. The tasks required interdisciplinary project teams consisting of engineers from the fields of micro technology, optics, electronics and software engineering, materials science and physics. New services in materials science and microsystems technology/MEMS are being developed.



Rainer Maisch, Partner
lic. oec. publ.
Head of Development



Jean-Noël Fehr
dipl. Phys. EPFL
Head of Development



Stefan Troller
dipl. Ing. EPFL
Head of Development



Emmanuel Gremion,
Partner
dipl. Ing. HTL
Head of Business Unit



Niklaus Schneeberger
dipl. Phys. ETH, Dr. sc. nat.
Head of Development



Julian Yeandel
Msc. El. & SW, PhD
Head of Development



Innovation Center Wil, Canton of St. Gallen

The center in Wil has longstanding innovation partnerships with a large number of market leaders. The majority of these come from the fields of household appliances, laboratory automation equipment, power tools and electrical appliances, medtech, diagnostics and precision instruments. As a result of numerous major development mandates we registered solid growth in 2013 as well, which also entailed an increase in the center's headcount by no less than 16 highly qualified professionals. Alongside this, we made considerable investments in our EMV/ESD laboratory and in the enlargement of our office premises. Our size enab-

les us to assemble interdisciplinary teams where specialists in mechanics, electronics, optics and software work closely together. The holistic approach pursued by these teams ranges from the generation of ideas and the verification of concepts to feasibility studies and prototype tests. In these activities our teams can rely on excellently equipped labs and state-of-the-art workshops.

Our location in Shanghai, which is managed from Wil, also reported a good year in 2013. Shanghai supports mainly European clients in their industrialization efforts, in continuation engineering and in the sourcing of series-manufactured products in China.



Helbling Technik Wil SG
100 employees



Development of an innovative capsule coffee machine with low cost flowstop technology for Nestlé



Optic development of passive infrared presence detector with long range detection for Theben HTS



Development of a fillet weld sander extension for difficult-to-reach spots in metal constructions



Jean-Daniel Sieber,
Partner
dipl. Ing. FH
Head of Business Unit



Christian Gärtner
dipl. Ing. TU
Head of Development



Michael Weibel
dipl. Ing. FH
Head of Development



Gabriel Sutter
dipl. Ing. FH
Head of Development



Ralph Kugler, Partner
dipl. Ing. ETH
Head of Business Unit



Martin Federer
dipl. Ing. FH
Head of Business Unit



Markus Zbinden
dipl. Ing. FH
Head of Development



Innovation Center Zurich

Our center in Zurich provides innovation and development services for international companies in the equipment, machinery, plant manufacturing, energy, capital and consumer goods industries and the food, pharmaceutical and diagnostics sectors. Demand was strong in 2013, driven by vigorous growth that necessitated the recruitment of five additional professionals. The prime focus of our projects was on innovation, reduction of production costs and process optimization. As required by the specific task, we put together teams of specialists with a mix of mutually complementary skills in mechanics, electronics, mechatronics, software and automation. We continued to extend the center's infrastructure on a selective basis by enlarging the lab and investing in new tools.



Helbling Technik Zurich
56 employees



Test equipment with radio communication for use in harsh environments



Conceptual design of a robot arm (F&P Robotics)



Production line for solar modules



Guido Brunecker, Partner
dipl. Ing. ETH
Head of Business Unit



Andreas Portmann
dipl. Tech. HF
Head of Business Unit



Ueli Schläpfer
dipl. Ing. EPFL
Head of Development



Thomas Hodel
dipl. Ing. FH
Head of Development



Christian Lobeto
dipl. Ing. FH
Head of Development



Helbling Technik Munich

25 employees



Helbling Precision Engineering Inc. USA

10 employees



Innovation Center Munich

Helbling Technik Munich combines three teams with a focus on embedded software, power electronics and consumer electronics. In the year under review we performed challenging development tasks in the household appliances, industrial electronics, medtech and automotive industries. For our clients in the household appliances sector the aim was often to strengthen their market position with innovative solutions, while at the same time lowering manufacturing costs. The focus of activities in industrial electronics was to enhance the efficiency of voltage transformer systems, digital and analog controls and driver assemblies for BLDC motors. On these projects our top-equipped EMV lab enabled us to accompany the development process and ensure EMV conformity. In the software area we enlarged our embedded Linux Kernel segment further.

Innovation Center Boston

As an independent unit, Helbling Precision Engineering has close relationships with clients in the US market, particularly with well-known corporations and start-ups in the medtech, diagnostics, laboratory automation and biotechnology fields. In 2013 our team succeeded in deepening these partnerships further while winning new clients. At the same time the seasoned collaboration with our location in Bern was continued. The center took an important step towards the future by expanding its services in mechanics, electronics and software for interdisciplinary system development and investing in infrastructure and high-performance development tools.



Hair straightener with automatic temperature adjustment for Braun



Mobile application



Martin Eisenmann
dipl. Ing. TU
Managing Director Munich



Lutz Beckmann
dipl. Ing.
Head of Development Munich



Michael Isermann
dipl. Ing.
Head of Development Munich



Michel Brühwiler
dipl. Ing. FH, MBA
Managing Director USA

Helbling Business Advisors

Together we realize value



Uvex Safety Group: innovation management consulting by Helbling Business Advisors

Helbling Business Advisors

80 employees



Strategy Development

- Strategy and Organizational Development
- Sales and Marketing
- Commercial Due Diligence

Operational Excellence

- Supply Chain Management
- Material and Product Costs
- Production
- Earnings Improvement

Restructuring

- Strategic and Operational Analyses
- Turnaround Concepts and Implementation
- Validation of Financial Restructuring Feasibility

Financial Advisory

- Business Planning & Financial Modeling
- MIS & Financial Process Optimization
- Debt Advisory & Financing

Mergers & Acquisitions

- Business Sales and Acquisitions
- Mergers
- Financing

Innovation Management

- Innovation and Product Portfolio
- Innovation Strategy
- Innovation Processes

Strategy and Execution

Helbling Business Advisors provides a broad spectrum of interdisciplinary business consulting services under one roof, directed at the ever-increasing challenges facing companies in both national and international markets. These include the growing pressure to reduce costs and innovate in a competitive global business environment, the need to continually optimize portfolio structures and value chains, the development of markets in emerging countries as well as project funding and corporate

finance. In addition, the division offers specialized services for companies in financial distress and for M&A transactions. In the year under review we executed numerous challenging projects in all these consulting fields, both in Switzerland and in Germany.

Mid-sized companies and corporate divisions entrusted us with mandates to draft and execute viable business strategies aimed at improving their market position and profitability. In many cases this also involved identifying and developing new market segments. In addition, we assist



Stefan Huber,
Partner
lic. oec. HSG
President and CEO



Ralph M. Bush, Partner
lic. oec. HSG
Chairman of the Partner Assembly
Senior Vice President Switzerland



Thomas Bertschinger,
Partner
lic. oec. HSG
President and CEO
Switzerland

ted companies from various industries in managing their innovation efforts designed to accelerate organic growth, close future revenue gaps and raise their earnings power.

The focus of many operational projects was on optimizing the global footprint of clients' engineering, manufacturing and logistics locations while preserving and strengthening their competitiveness through cost reduction programs. This included building and expanding group-wide procurement organizations and implementing competitive sourcing projects aimed at lowering materials costs.

We continued to successfully develop our Financial Advisory & Risk Management segment with a number of major projects in the course of which we designed debt restructuring solutions for mid-sized and large

companies as well as assisting major corporations in improving the management of their supplier risks.

As in previous years we also executed numerous complex turnaround projects for mid-sized and large companies. Our clients benefited from our broad expertise in a wide range of technical and business fields. Where required by the specific mandate, this expertise was extended by drawing upon the additional resources available throughout the Helbling Group. Of particular value once again was our familiarity with the different debt restructuring and bankruptcy legislation landscapes in a variety of countries. This enabled us to provide firms with expert assistance particularly during court proceedings. With the aim of ensuring the success of restructuring operations we not only develop sound strategic and financial concepts but also oversee their rigorous implementation.



Business consulting services provided by Helbling Business Advisors: Möbel Pfister AG and ALSO Switzerland AG

 <p>Aditya Birla Chemicals (Europe) GmbH (Germany) part of the Aditya Birla Group (India) acquired</p>  <p>CTP Chemicals and Technologies for Polymers GmbH (Germany)</p> <p>helbling Helbling Business Advisors acted as lead advisor to the seller</p>	 <p>Tobler Haustechnik AG (Switzerland) a WOLSELEY company acquired</p>  <p>Keramikland AG (Switzerland)</p> <p>helbling Helbling Business Advisors acted as M&A advisor to the buyer</p>	 <p>Flextronics (NASDAQ: FLEX) acquired</p>  <p>RIWISA AG (Switzerland)</p> <p>helbling Helbling Business Advisors acted as M&A advisor to the sellers</p>	 <p>Soho Florids International (Australia) acquired 100% of</p>  <p>Ginsana SA (Switzerland) from Pharmaton (a Boehringer Ingelheim Group company)</p> <p>helbling Helbling Business Advisors acted as lead advisor to the buyer</p>
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Completed M&A Transactions (extract)

In the year under review we once again successfully executed a substantial number of M&A deals, the majority of which are now cross-border transactions. In completing these, our own offices in Switzerland and Germany are additionally supported by our partners at CFI (Corporate Finance International). Thanks to this collaborative effort we are able to cover the majority of global industrial markets.

**International Network:
Some 200 M&A Professionals Worldwide**



Helbling is a founding partner of Corporate Finance International (CFI), an association of investment banks and M&A firms in Europe, North America, Brazil and India (www.cfi-network.com).

With some 200 M&A professionals and 30 offices in 21 countries we support mid-sized companies and the divisions of international corporations in the preparation and realization of cross-border transactions, providing them with our local industry and transaction know-how.

 <p>Michael R. Weindl, Partner lic. oec. HSG Senior Vice President Zurich</p>	 <p>Georg Oberdick lic. oec. HSG Senior Vice President Zurich</p>
 <p>Harald Brodbeck Dr. sc. Techn. ETH, dipl. Kfm. Senior Vice President Zurich</p>	 <p>Harry Leonhardt lic. phil. I. MBA Senior Vice President Zurich</p>

 <p>Frank Stubbe, Partner dipl. Kfm. Senior Vice President Munich</p>	 <p>Arne Przybilla dipl. Kfm. Senior Vice President Düsseldorf</p>
 <p>Markus Mühlenbruch, Partner Business Economist Managing Director Stuttgart</p>	 <p>Volker Gross dipl. Volksw., LL.M. Senior Vice President Düsseldorf</p>
 <p>Jan-Erik Gürtner, Partner dipl. Kfm. Managing Director Düsseldorf</p>	

Helbling Beratung + Bauplanung

Your Partner for Real Estate and Infrastructure

Helbling Beratung + Bauplanung

40 employees



Construction Owner Civil Engineering Services

- Construction Owner Consulting/ Construction Owner Support
- Construction Owner Project Management/Construction Owner Representation
- Senior Construction Management

Construction Owner Building Construction Services

- Strategy and Development
- Project Management
- Technical Due Diligence

Energy/Sustainability

- Energy and Production Cost Optimization in Industry (Pinch Technology)
- Plant Engineering
- Eco Improvement Master Plan
- Consulting, Coaching, Training, Expert Reports

Building Technology

- Construction Owner Consulting for Building Technology
- Energy Concepts for Sites/Buildings
- General Planning

Energy a Key Factor

Helbling Beratung + Bauplanung is an independent provider of total real estate and infrastructure solutions. In the year under review we maintained our strong market position as a construction owner services provider and consulting and planning company, recruiting additional professionals to our team despite a difficult market environment. The topic of energy continued to gain in prominence in the construction industry and we catered to this with specific services in all our fields of activity.

Energy, Sustainability and Building Technology

Against the backdrop of rising energy prices, the planned exit from nuclear power and the necessity to reduce CO₂ emissions, energy efficiency and the use of renewable energies have become the central challenges facing many companies. This applies to the supply of energy for industrial processes as well as for buildings. In the year under review, demand for the services we provide in this area was commensurately strong. For industrial clients we analyzed



Zurich Public Transport's central workshop in Zurich-Altstetten, feasibility study for entire redevelopment project: overall lead general planning team



Lighthouse Aathal: planning/coordination of building technology for the restaurant "Neue Spinnerei" (New Spinning Mill)



Kraftwerke Linth-Limmern AG, pumped storage power station Linth-Limmern: construction owner project management support

processes and developed appropriate energy-saving measures using the Pinch methodology. As a general planner of new buildings as well as redevelopment projects we drafted concepts for environmentally friendly and efficient energy supply systems and realized them together with our clients.

Infrastructure and Transportation

We successfully continued to support public construction owners with their extensive infrastructure and transportation projects in 2013. In addition, we acquired new clients in the power generation industry. Our skills in project management and the representation of construction owners were again in great demand as were

our capabilities in the evaluation of service providers for large planning projects and the preparation of political reports as the basis for decision-making.

Development and Project Management

In the past year we also received mandates from major industrial corporations and real estate portfolio owners to create innovative concepts for value-enhancing site developments and to accompany their execution right through to the sale of the properties. The optimization, management and controlling of large investment projects on behalf of private and public construction owners constituted an additional focus of our activities in 2013.



Rainer Bendel, Partner
dipl. Ing. ETH
Senior Vice President



Philipp Stoffel, Partner
dipl. Ing. ETH, Dr. sc. techn.
President and CEO



Martin Gähwiler
dipl. Ing. ETH
Senior Vice President



Raymond Morand
dipl. Ing. ETH
Head of Development Energy and Sustainability



Marc Petitjean
dipl. Arch. ETH
Head of Development
Construction Owner Building
Construction Services



Bruno Hofer
dipl. Ing. FH
Head of Development
Building Technology

Helbling IT Solutions

Enabling Innovation with Information Technology

Helbling IT Solutions

15 employees



Consulting

- IT Solution Concepts, Process Optimization, Efficiency Enhancement and Cost Reduction for Innovation
- Product Lifecycle Management (PLM)

Project Management

- General Management, Coaching and Implementation of IT Projects

Implementation and Operational Support

- Product Data Management Systems (PDM, VPM)
- CAx Systems (CAD, CAE, CAM)
- Solution Implementation (CATIA, SmarTeam, ENOVIA, SIMULIA, DELMIA, 3DVIA)
- Basic and Customized Training
- Support (Hotline, On-Site)

Product Lifecycle Management

Helbling IT Solutions is one of the leading providers of product lifecycle management (PLM) services. PLM platforms enable cross-functional collaboration in product development, an aspect which is gaining in importance in light of ever-shorter times to market and the growing complexity of new product portfolios. In the year under review our specialists advised numerous mid-sized businesses and corporations and implemented solutions for their product development needs. With many clients we have longstanding partnerships and were successful in winning a number of important new mandates in 2013. Given our service offering, ranging from consulting and sales to software programming and support (hotline) services, these new client relationships also offer the potential for long-term collaboration.



AMAC Aerospace: Maintenance services, upgrades, refurbishment and aircraft modifications

The majority of our new projects involve the latest ENOVIA V6 software generation of our partner company Dassault Systèmes. We play a leading role in the implementation of this state-of-the-art CAx/PLM solution and our clients include such well-known companies as AMAC Aerospace.



PLM project for aircraft interior completions/refurbishment and maintenance



Janos Barko, Partner
dipl. Ing. TS
President and CEO



Karlheinz Ribar
Deputy CEO



Michael List
dipl. Ing. ETH
Senior Consultant PLM
Senior Vice President



www.helbling.ch

Switzerland

Helbling Holding AG

Hohlstrasse 614
CH-8048 Zurich
+41 44 438 17 11

Helbling Technik AG

Schachenallee 29
CH-5000 Aarau
+41 62 836 45 45

Helbling Technik Bern AG

Stationsstrasse 12
Postfach 171
CH-3097 Liebefeld-Bern
+41 31 979 16 11

Helbling Technik AG

Hubstrasse 24
CH-9500 Wil SG
+41 71 913 82 11

Helbling Technik AG

Hohlstrasse 614
CH-8048 Zurich
+41 44 438 17 01

Helbling IT Solutions

Hohlstrasse 614
CH-8048 Zurich
+41 44 986 39 39

Helbling Business Advisors AG

Hohlstrasse 614
CH-8048 Zurich
+41 44 743 84 44

Helbling Beratung + Bauplanung AG

Hohlstrasse 614
CH-8048 Zurich
+41 44 438 18 11

Germany

Helbling Holding Deutschland GmbH

Leonrodstrasse 52
DE-80636 Munich
+49 89 459 29 250

Helbling Technik GmbH

Leonrodstrasse 52
DE-80636 Munich
+49 89 459 29 250

Helbling Business Advisors GmbH

Leonrodstrasse 52
DE-80636 Munich
+49 89 459 29 400

Helbling Business Advisors GmbH

Bolzstrasse 3
DE-70173 Stuttgart
+49 711 120 46 80

Helbling Business Advisors GmbH

Neuer Zollhof 3
DE-40221 Düsseldorf
+49 211 137 07 0

USA

Helbling Precision Engineering Inc.

One Broadway, 14th Floor
Cambridge MA, 02142, USA
+1 617 475 1560

China

Helbling Shanghai Representative Office

Room 9G, 1777 Century Avenue
East Hope Plaza
200122 Pudong, Shanghai, China
+86 21 508 179 29

The Helbling Group was founded in 1963 and is owned by its 28 managing partners. The internationally active engineering and consulting firm Helbling employs some 475 professionals in four business divisions focused on innovation / product development, management consulting, mergers & acquisitions, turnaround and financial performance management, information technology, real estate, energy and infrastructure.

Helbling Gruppe

Valuable through Innovation