LEM - A global leader in its Core Components Business



smdays Conference Zurich, September 13, 2007

At the heart of power electronics



Agenda

- 1. About LEM
- 2. LEM at a glance
- 3. At the heart of power electronics
- 4. Results
- 5. Strategic priorities
- 6. Outlook



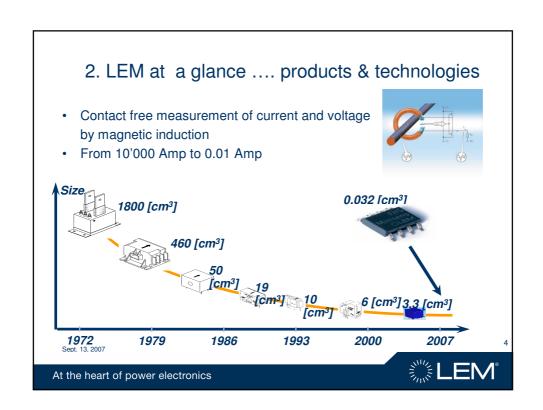
Sept. 13, 2007

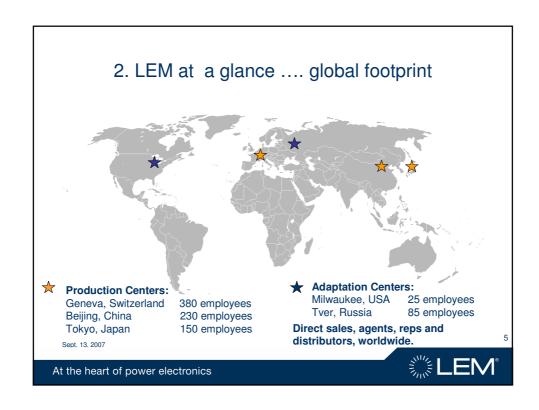


1. About LEM

- LEM is the global market leader in providing innovative and high quality solutions for measuring electrical parameters.
- Its current and voltage transducers are used in a broad range of applications in industrial, traction, energy & automation and automotive markets.
- LEM is a high growth global company with approximately 900 employees. It has production plants in Geneva (Switzerland), Machida (Japan), Beijing (China) and regional sales offices close to its clients locations.
- LEM is listed on the SWX Swiss Exchange since 1986. Sales of CHF +184 million (FY 2006/7)









2. LEM at a glance business model

"LEM Inside"

- · Working with leading customers in close and confidential relationships
- · Pure play company focused solely on the components market
- · Market share driven

Application know-how

- In-depth knowledge of customer application enables us to supply exactly what the customer needs
- · Working locally @ design-in, in global environment @ supply
- Offering both Standard and Customer specific products
- Components with signal to application as required
 Fast and precise, calculated RMS, data communication
- · Best cost, quality and service

Sept. 13, 2007

At the heart of power electronics



2. LEM at a glance Leadership position

- LEM pioneered the applications in the 70's and has 50% market share today
- Competitors are
 - captive divisions of bigger system companies
 - or similar component companies
- LEM is creating new markets and has consistently expanded the TAM (total available market), recently the Automotive and Energy & Automation.
- 'Made by LEM' stands for reliability & high quality. Strong brand awareness.

Sept. 13, 2007



2. LEM at a glance Leadership position

- LEM has introduced the first ASIC chip to measure the Hall effect integrated with signal processing.
- LEM is integrating more electronics in its transducers to interface and communicate directly in the application
 - DSP, processor, communication bus, system.
- LEM keeps introducing new flagship products.
 - Yr -1 Minisens, Sentinel, WiLEM,
 - Yr 0 SMD low cost open loop



Sept. 13, 2007

At the heart of power electronics



3. At the heart of ... the Motor Drive



 Motor Drive is a big industry that add a control function to a modern motor, under a brand specific software platform:

- Need for speed and torque control for technical and comfort reasons
- Resulting in substantial energy savings of ~30%
- The power electronics in the Motor Drive need the current transducer to measure and feedback the required power.

LTS

Sept. 13, 200



3. At the heart of ... Washing Machines



- Industry is facing two demands:
 - Desire for easier and low cost control and fine regulation
 - Need for energy savings
- By adding power electronics in the Motor Drive, **Minisens** will control and adapt washing programs, lower energy consumption, and reduce noise



Sept. 13, 2007

At the heart of power electronics



3. At the heart of ... Standby Batteries

- Standby Batteries are used in UPS systems for critical applications to ensure power at all times
 - hospitals, airports, datacenters and banks
 - developing countries

The **Sentinel** measures the state of health of these batteries



Sept. 13, 2007

Sentinel





- Electrical sub-metering is a powerful tool to provide information on local energy consumption
 - Wi-LEM gives a precise image about the power consumption
- The wireless transmission is integrated, making Wi-LEM easy to install and integrate in a monitoring system
- Towards real energy efficiency, ... 'measure and manage'





Sept. 13, 2007

At the heart of power electronics



3. At the heart of ... Hybrid Electric Vehicles



- Modern HEV's have classical combustion engine and electric motor using the battery power.
- Monitoring current flows to and from the high power Battery is a critical feature, done by the Transducer.

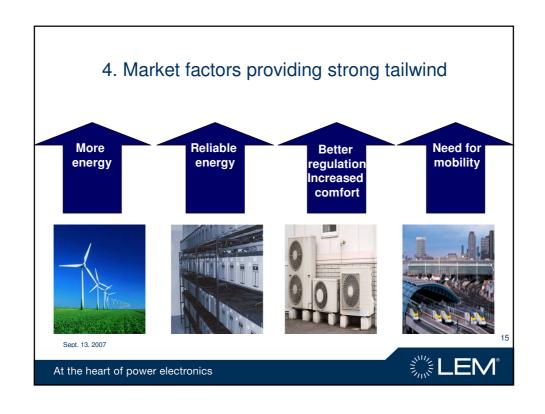
DHAB

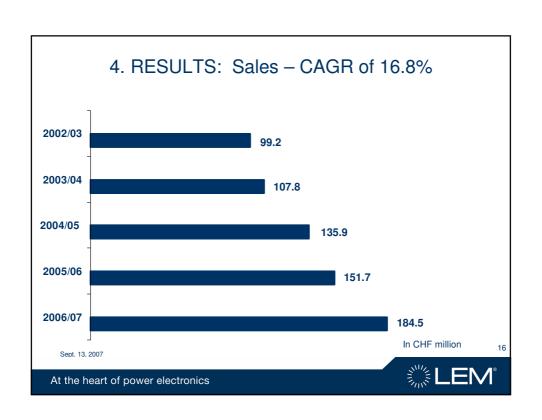


At the heart of power electronics

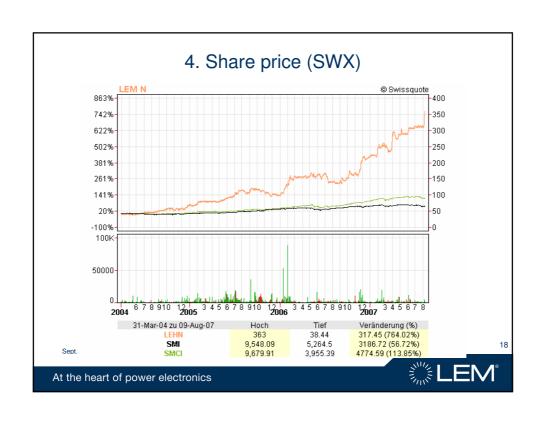
Sept. 13, 2007







CHE million	2005/06	2006/07	Q1 2007/0
Sales	151.7	2006/07 184.6	49.9
Gross margin in %	42.7	42.0	46.1
Operating costs	49.3	51.9	XX
EBIT	15.5	25.5	9.6
Net financial expenses	(4.8)	(0.7)	(0.07)
Income taxes	(1.7)	(9.2)	(3.3)
Net earnings	9.1	15.6	6.4
Discontinued Operations			
Net earnings	15.9		
Net earnings LEM Grou	p 25.0	15.6	







5. Focus on innovation

Miniturization

- LEM's first fully solid state integrated transducer
- Efficient low cost low current measurement device taking advantage of state-of-the-art Silicon technologies

Battery Monitoring

- Sentinel can measure the state of health of standby batteries used in various back-up energy systems



• Higher level of Integration (MacroComponents)

- For condition monitoring in various applications in Automation LEM offers direct interface to



Sept. 13. 2007

At the heart of power electronics



5. China development © 16 □ 14 Sales 片 12 - Sales growth 31% yoy - Sales team increased 10 Offices in Beijing, Shanghai and Shenzhen 6 Production 4 Production volume more than doubled since last year Transfer of key products to China "Made by LEM" quality □ Production ■ Sales Sept. 13, 2007 At the heart of power electronics

6. Outlook (1/2)

- Although we see NO sign of a decline in current record demands, history has taught us that recent levels of growth can not be sustained for ever
- We see further potential to maintain the improvement in profitability
 - By further transfer to low cost production and sourcing
 - By adapting our structure to the new size and roles of the various production and R&D centers
- Automotive Segment should see signs of upturn by end of 2007/08

Sept. 13, 2007

At the heart of power electronics



6. Outlook (2/2)

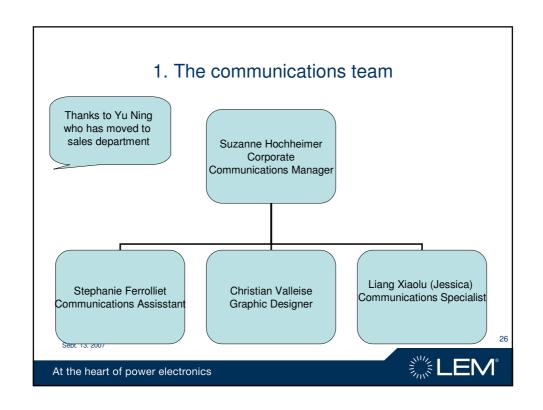
In the mid-term, LEM is ideally positioned to take maximum advantage of fundamental growth drivers:

- Strong new product pipeline as engine for future growth by substantially increasing the total available market TAM
- Need for more energy, more savings, more renewable energy
- Increasing electrical and electronic management of various functions in the car and of the (hybrid) electrical vehicle

Sept. 13, 2007







2. Flashback

- Corporate Identity
- ✓ Successful launch of new Corporate Identity, Brand Identity and Positioning
- ✓ Brand Book and Communication Materials
- ✓ Roll out to all countries
- ✓ Development of new Corporate Advertising
- ✓ Folders, Binders, Give-a-ways



Sept. 13, 2007

At the heart of power electronics



2. Flashback • Financial PR ✓ Press and Investor Conference in Zürich – June 2006, June 2007 ✓ Press meetings in Zurich in Fall ✓ Press and Analysts conference call in January 2007 ✓ Attendance of investor conferences and road-shows by PVI and Awa ✓ Share price development from around CHF 150 to about CHF 300

2. Flashback

- Product PR
- ✓ Press conference for Wi-LEM
 - London, Paris and Munich with 50 journalists attending
 - Phone interviews for US (Electronic Design, EE Times, Darnell Group, AnalogZONE)
- ✓ Placement of almost 30 technical articles so far
- ✓ Coverage in 80 publications



Sept. 13, 2007

At the heart of power electronics



2. Flashback

- Product PR
- ✓ Press conferences for Minisens
 - Milan, Munich, Paris and Shanghai
 - Meeting with journalists in Denmark, Sweden and Finland
 - Total over 70 journalists
- ✓ Launch and phone interviews for USA and CA
 - ✓ Article in Appliance Magazine
- ✓ Requests from website
- ✓ Over 70 publications so far see booklet

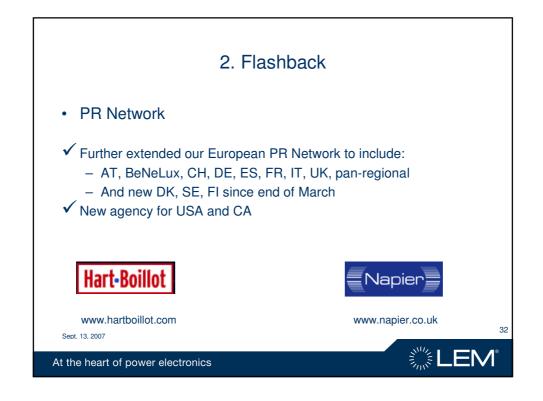


30

Sept. 13, 2007







2. Flashback

- Website
 - ✓ Roll out of Corporate website in EN in November 2006 including e-commerce
 - ✓ Roll-out of DE and FR pages in February
 - ✓ e-commerce 35 orders all small and from new customers
 - Currently more biz from Europe than USA
 - ✓ We have over 1000 visitors on our site per day

Sept. 13, 2007

At the heart of power electronics



2. Flashback

- Trade shows:
- Attended all over the world in CN, CZ, JP, ES, DE, UK, USA, HU, IT, BII
- In collaboration with our distributors,...



Sept. 13, 2007



3. Strategy for 2007/08

Continue to develop and increase LEMs brand and product awareness amongst the relevant stakeholders by:

- · Extending the PR Network to replicate the success in Europe
- · Developing and fostering relationships with the "media that matters"
- Well targeted advertising to complement the press releases
- · Roll-out of website to JP, CN and RU and continuous improvements
- · Remaining close to customers by attending selected trade shows

Sept. 13, 2007

At the heart of power electronics



4. PR strategy for 2007/08

Establish LEM as the market leader of highest quality solutions for measuring electrical parameters and subject matter expert by:

- Expanding European agency Network to include
 - HU, PL and RU
- Expanding global Network
 - ✓ CN
 - JP later next year
- Developing good working relationships with the media to insure placement of press releases and technical articles
- Maximize speaking opportunities and interviews
- Product launches: HMS, LTS-P, Rogowski, Sentinel3, DX, HAH, HC5
- Technical articles and customer testimonials

Sept. 13, 2007

4. PR for China

- · Selection of a Public Relations agency for China
- · Weber Shandwick based in Beijing



- We will be working closely to set up the communications network in the next weeks.
- · Determine the relevant media list
- Start developing the communications plan

Sept. 13, 2007

At the heart of power electronics



5. Advertising plan for 2007/08

- · Advertising spend maintained for EU and CN
- · Increase for USA and JP
- · Emphasis on new products:
 - Minisens, Wi-LEM, Sentinel, HMS, E&A products, Auto
 - Will create new ads for HMS and Auto
- Have developed ad plans accordingly:
- · CN, EU and US plans are complete
- JP needs work



Sept. 13, 2007



5. Ad plan China Times Remark The world of Inverters 12 ITR:inverter Dianqi chuandong(Electronic control) 5 The world of Power supply 12 ITR: Power EDN China Electrioncs,famous magzine;improve brand 7 Sensor world Sensor(whole applications) Control Engineering China 8 Control,famous magzine;improve brand 9 Electric welding machine 6 ITR: Welding 10 China power supply survey 4 ITR:Power 11 Power supplytechnologies and application 4 ITR:Power 12 China power supply information 4 ITR:Power 2 China railway:famous magzine;TTR 14 World railway 1 China subway;TTR 15 DianLi DianZi Jishu(Power electrionics tech.) 6 Power electronics(whole applicaitons) At the heart of power electronics

6. lem.com

- Translation process for JP and CN has commenced
- · RU process needs to be determined
- Roll out to start by end Q1 07/08
- Extranet for Distributors
- · Personalized price list per distributor
 - Standard lead times
 - New product launch packs
 - PCN page almost ready
 - Press releases prior to official release
 - "Marketing Hub" containing Advertising, Posters, Folders, Photos, Brand Book, Logos
- RSS feed in English



Really Simple Syndication

40

Sept. 13, 2007







7. Voice of the employee

- This research will be done in parallel to the Measure & Mirror
- For all LEM employees start date 15 August
- Topics covered are:
 - Strategy
 - Management, Senior Management
 - Organization
 - Quality and customer focus
 - The job
 - The team
 - Work environment



Sept. 13, 2007

