Leading Technology for Solar Energy

Patrick Hofer-Noser, CEO
Company

- Based in: Lyss, Switzerland
- Founded in: 2001
- IPO: 2005
- ISIN: CH0022678822
- Share Capital: 6,661,111 shares CHF 1,00 nominal value
- Stock Exchange: Berne Frankfurt (open market)
Market growth
Size of production sites

Berechnungsbasis: 260 produktive Tage / Jahr
3S value chain

Module production

Product design

Cell

Modul

Installation
Products

Production Equipment

• String Soldering Table
• Lay-Up Station
• Laminating Line
• Module Tester
• Know-How Transfer

Solar Systems

• Roof integration
• Façades
• Shading
Building products (Glazing)
Building products (Shading)
Building products (Roofing)
Module production (process)

- tabbing
- stringing
- matrix
- layup
- lamination (heating and cooling) (pressure & vacuum)
- edge trimming
- framing connection
- testing
- sorting
- packaging
- glass cleaning
- foil cutting
- cells
Module production (interconnection)

- Electrical
- Mechanical
- Testing

(Partner Somont)
Module production (lamination)

electrical → mechanical → testing
Module production (testing)

- Electrical
- Mechanical
- Testing (Belval SA)
Module production

Production Know-How

Automation (cooperation partner Gebr. Schmid)

- electrical
- mechanical
- testing
Financials

Turnover (in CHF)

- 2003
- 2004
- 2005
- 2006
- 2007 (Plan)

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<tr>
<th>Year</th>
<th>Turnover (in CHF)</th>
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3S – Quality from Switzerland
Ingredients needed for success

Product  Market  Cash
People  Luck
3S Water Technologies

Product → Market → Cash → Luck → People
3S PV Production of modules

Product

Market

Cash

People

Luck

3S Swiss Solar Systems AG • www.3-s.ch
3S Machine production, process and products

Flexibility & Endurance
3S Assembly until 2006
3S Transport until 2006
3S Assembly from 2007
3S transport from 2007
One thing remain – Motivated people
Time to think big