<table>
<thead>
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<th>Description</th>
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<td>Number of employees</td>
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<td>Subsidiary companies</td>
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<td>Customers</td>
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</table>
SP group organisation – a wide technical range

- Building Technology and Mechanics
- Electronics
- Energy Technology
- Fire Technology
- Measurement Technology
- Certification
- Weights and Measures
- SIK – Swedish Institute for Food and Biotechnology
- YKI, Institute for Surface Chemistry
- JTI – Swedish Institute of Agricultural and Environmental Engineering
- SMP – The Swedish Machinery Testing Institute
- Swedish Cement and Concrete Research Institute (CBI)
- Glafo, the Glass Research Institute

SP Technical Research Institute of Sweden
Our Core Areas

- Energy and Environment
- Building and Construction
- Wood Technology and Wood in Construction
- Fire, Risk, Safety and Security
- Materials Technology and Chemistry
- Foods
- Mechanics and Automotive Industry
- Electronics and ICT
- Measurement Technology and Calibration
- Certification
SP Pipe Centre

Sweden's leading competence centre for pipes and pipe systems

-> Safety, durability and strength in polymer, composite and metal pipe constructions
SP Heat Pumping Technology

SP Heat Pumping Technology is the leading international research environment in the field of heat pumping technology including heating, cooling and airconditioning for homes, offices and industry.
SP Wise Measurements for Smart Grids

A leading research and innovation environment within quality assured measurement technology for Smart Grids.
Certification

SP Certification is one of the leading bodies in the field of certification in Sweden.

- Product certification e.g
  - Solar collectors
  - District heating sub stations…-> Solar sub stations?

- Management systems for environment, quality and energy management
Ongoing work/ possible contribution

- Major engagement in European and International standards on solar collectors, collector components and materials
  - "Fast" track to implementation of results into new standards -> New business opportunities?

- First Solar installers certified -> Education/certification of designers?

- Global inventory of simulation models and tools

- FC District (IEA DH&C) : New μ-CHP network technologies for energy efficient and sustainable districts
  - Objectives: Optimisation of distributed energy production within a district