



Tel-Tek is a Norwegian R&D institute with focus on more efficient production processes and reduced emissions



Competence areas

- ✓ Flow technology/CFD
- ✓ Process simulations
- ✓ Design of process units
- ✓ Pneumatic transport, cyclones, fluidized bed
- ✓ Software development within process efficiency
- ✓ Smart Manufacturing
- ✓ CO₂ capture technology and CCS system solutions
- ✓ Environmental evaluations (e.g. climate, waste, environmental aspects with CCS)
- ✓ Bio energy from waste
- ✓ Low Carbon Economy

Key figures

- ✓ Established: 1986
- ✓ Turnover (2012): 37 MNOK
- ✓ Employees: 40

Values

- ✓ Robust
- ✓ Generous
- ✓ Enthusiastic
- ✓ Knowledge building

Effective processes for a climate friendly future

Powder technology



- Transport
- Storage
- Handling
- Separation
- Characterization

Energy



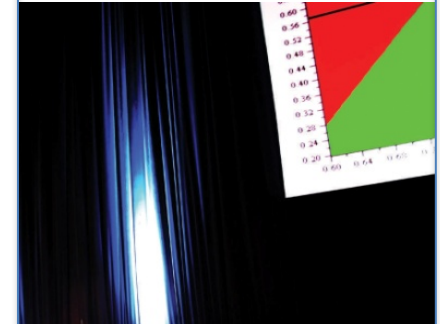
- CO₂ capture combined with bioenergy
- Biogas
- Combustion and environment
- Modelling and flow
- Energy effective processes
- Calculation of cost-optimal energy utilization

CCS*



- Post-combustion capture technology
- CO₂ transport and infrastructure
- Degradation of amines
- Early phase cost estimation
- Solutions for energy-producing and energy-intensive industry
- CO₂-lab

Smart Manufacturing



- Multivariate
 - analysis/diagnostics
 - modelling
 - simulation
 - optimization
- Understanding/hypothesis
- Verification
- Implementation



Tel-Tek Academy



✓ Courses

- Smart Manufacturing
- Powder handling
- Cost estimation
- Tailor made/in-house courses

✓ Workshops

✓ Seminars

✓ Conferences

”Fun to run”

www.tel-tek.no/Tel-Tek-Academy