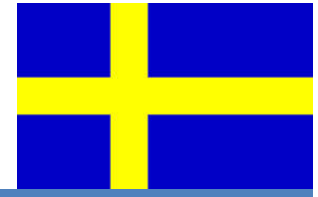


Sweden

September 2013



COST FP1205: Innovative applications of regenerated wood cellulose fibres

# Sweden

September 2013



## Universities



## Institutes



## Companies

Pulp and Paper Industry  
Pharmaceuticals



COST FP1205: Innovative applications of regenerated wood cellulose fibres



**Wallenberg Wood Science Center (WWSC)**

KTH (Lars Berglund)

Chalmers (Hans Theliander)

◦ Biocomposites

◦ Fibers and fibrous materials

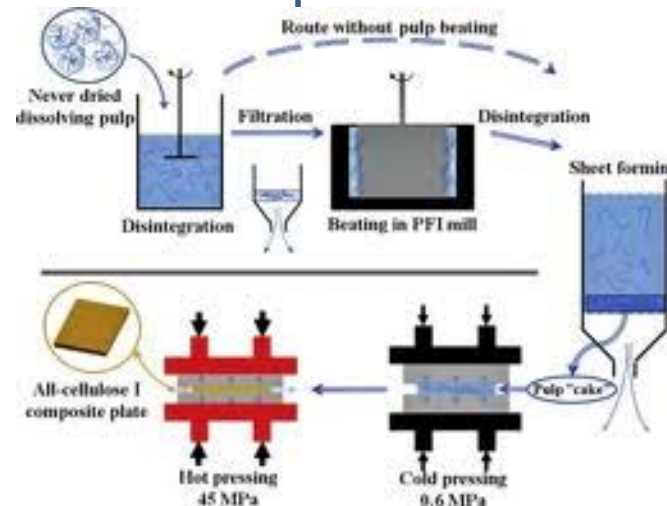
◦ From wood chips to material components

◦ Micro/nano structured materials

◦ New biopolymer concepts and surfaces

**Biopolymer Blood Vessels (BBV)**

Chalmers (Paul Gatenholm)



doi:10.1016/j.compscitech.2010.06.016



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Innventia:  
Pulp and paper labs, EuroFex (demo-paper plant)  
In 2011, Innventia opened the world's first pilot plant for the production of nanocellulose, which has a capacity of 100 kg/day.



MoRe:  
Pulp (towards dissolving pulp, and viscose pulp producers)

Swerea IVF:  
Regenerated Textile fibers  
Composites

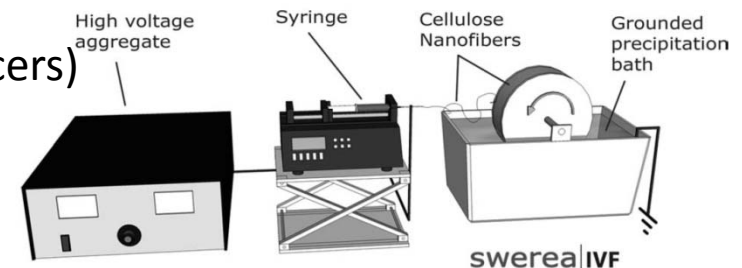


Figure 1 Electrospinning equipment.

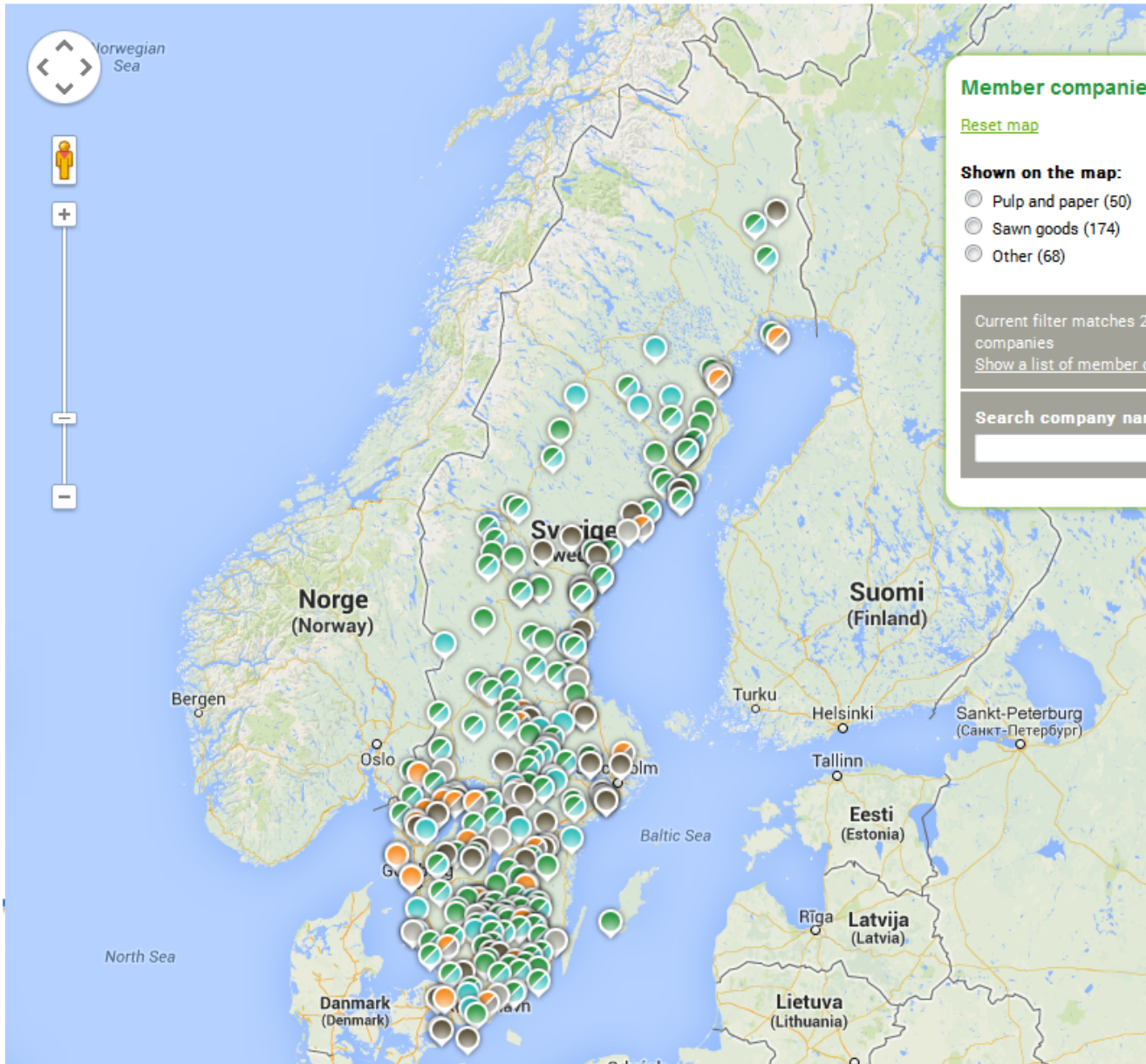
SP Technical Research Institute of Sweden:  
Scale-up biorefinery processes  
Dissolution lab for regeneration of cellulose



- Explanation
- Paper mills
  - Pulp mills
  - Pulp and paper mills
  - Sawmills
  - Processing of wood products
  - Sawmills with wood processing
  - Other companies



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lications of regenerated  
se fibres



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