

# THE VIPP NEWSLETTER #6

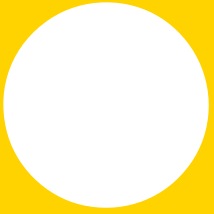
There is an ongoing paradigm shift in the Forest industry, in Sweden as well as across Europe. How to produce the raw materials, how to develop new products for new purposes and how to be.90e2how the future success for companies in this highly competitive line of business.

Vipp Industrial Graduate School will be extended to year 2019 and another four doctoral students will start their dissertation projects shortly. Vipp+ has been made possible through further funding from the Knowledge foundation together with four companies. Vipp now includes 18 doctoral students and have a total budget of 85 million SEK during 2011-2019, including grant from the Knowledge foundation, contribution from participating companies and Karlstad University's own funding.

The holistic approach of Vipp connects well to changes in the industry today. The forest industry companies in Sweden are in a process of making production processes more efficient, which involve development of more lean and environmentally friendly processes.

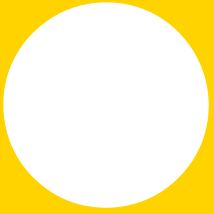
– We see a paradigm shift in the forest industry, in Sweden as well as across Europe. Bio economy is in the spotlight and requires a holistic view as well as a focus on value added processes. The current trends are consistent with the interdisciplinary approach taken by Vipp. The doctoral students have a task to reflect upon their own research from a process-, environmental and service perspective, says Lars Järmström, Director of Vipp.

The pulp and paper industry is also developing products for the future markets, including products from wood other than traditional papers. The lingo cellulosic materials production line represents a versatile



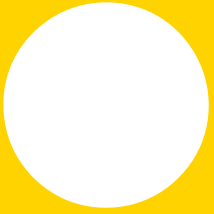
---

**VIPP** VALUES CREATED IN  
FIBRE-BASED PROCESSES  
AND PRODUCTS



---

**VIPP** VALUES CREATED IN  
FIBRE-BASED PROCESSES  
AND PRODUCTS



---

**VIPP** VALUES CREATED IN  
FIBRE-BASED PROCESSES  
AND PRODUCTS

- In this course we give different perspectives on value creation and innovations from a service perspective. We know from previous courses and research that those areas are very fruitful for all industries.

**How will the doctoral students benefit from the course?**

- I hope that they will be given new perspectives on their different research topics and that those perspectives add values to their dissertations.

- Swedish industry is very open minded regarding service management and CTF has a long tradition of working together with manufacturing companies. We collaborate both with regional SME:s and multi-national companies like Ericsson, IKEA, and Volvo. The current economy is to a large extent, both nationally and