

# CleanFlow

Innovation · Design · Technology

Cleanflow AB  
Framgårdsvägen 14  
Forshaga, Sweden  
30<sup>th</sup> of January 2019

## **Order of SEK 15 million to CleanFlow. Will deliver a unique filtration technology to a Spanish pulp mill.**

CleanFlow AB, Forshaga, Sweden has signed an agreement for the delivery of a new green liquor filtration system to a leading pulp mill in Spain. The factory in Pontevedra belongs to the forest industry group ENCE Energia Y Cellulose S.A. and produces more than 450 000 tons of eucalyptus pulp per year.

With the patented CleanFlow technology, this means that the green liquor in the pulping process becomes particle free and the amount of contaminants in the process is significantly reduced. This improves operation in the factory and increases production capacity at the same time as both environmental and energy savings are achieved.

The capacity of the new CleanFlow system has been dimensioned to fit the mill's ongoing production capacity increase. Thanks to building the CleanFlow system in modules it can be easily expanded and thus adapted also to future capacity increases.

The plant is designed, manufactured and completed with instrumentation and drive equipment in spring 2019. Testing is done at the CleanFlow facility in Forshaga, before delivery for tie-in and commissioning in the factory during the summer.

*"We are very pleased that CleanFlow's solutions for high-quality pulp production continue to be implemented around the world. This project represents another major step for CleanFlow."*

Lennart Källén, VD CleanFlow AB

The deal has been made in collaboration with CleanFlow's partner Sotgar Systems and the contract amount for CleanFlow AB amounts to SEK 15 million.

## **CleanFlow facts**

CleanFlow AB was founded 2009 and develops innovative filtration technology for the pulp and paper industry. The patented filtration technology is based on microfiltration and has been developed in collaboration with KTH.

A pilot plant was installed at Munksjö Aspa Bruk AB in 2010, and the process development continued at site until 2013. After positive trials with the pilot plant, Munksjö Aspa Bruk AB became the first mill in the world to have a commercial CleanFlow system in 2013.

In 2016 another commercial delivery was made to Japan and in 2017 a system was delivered to South Africa.

Advantages of CleanFlow technology are:

- particle free process liquors
- continuous process
- very cost effective increase of capacity
- low operating costs
- easy to adapt to existing facilities
- large capacity on small space
- modular

CleanFlow AB is a privately-owned company based in Forshaga where the founders and Girincubator AB hold the shares. For more information please contact:

Lennart Källén, CEO, +46 70 693 76 90

[info@cleanflow.se](mailto:info@cleanflow.se)

CleanFlow AB

Framgårdsvägen 14  
667 31 Forshaga  
Sweden

[www.cleanflow.se](http://www.cleanflow.se)