



**POWERFUL LOGISTICS
FOR YOUR WIND POWER**



SILVASTI LTD - POWERFUL LOGISTICS FOR YOUR WIND POWER

Special transport and project forwarding company Silvasti Ltd is the right partner for you in demanding wind energy projects in Scandinavia and Baltic region. We provide full scale of project transport services and with our professional project engineering team your wind turbine project is in good hands.

Silvasti Ltd offers you the advantages of our modern special transport equipment fleet, qualified staff, comprehensive network and most of all, excellent knowledge in local conditions and regulations in Scandinavia and Baltic region.

Complete logistic solutions:

- *project management*
- *route surveys, consulting*
- *shipping, chartering*
- *heavy haulage*
- *barges, pontoons*
- *stevedoring, storage*
- *heavy lifts*

2007	5 x 3 MW wind turbines	FI-Kemi
2008	2 x 3 MW wind turbines	FI-Oulu
2008	5 x 3 MW wind turbines	FI-Kemi
2008	6 x 49,5 m wind turbine blades	EE-Rouste
2009	13 x 3 MW wind turbines	EE-Aulepa
2009	4 x 3 MW wind turbines	SE-Uljabuouda
2010	6 x 3 MW wind turbines	SE-Uljabuouda
2010	4 x 2,5 MW wind turbines	SE-Jokkmokksliden
2010	3 x 3 MW wind turbines	EE-Aulepa

Contact us, we have solutions for your wind energy logistics.

More information available also at www.silvasti.com



2009 - 2010 Project Uljabuouda, SE

During summer 2009 and 2010 Silvasti Logistics delivered 10 x 3 MW wind turbines on top of the Uljabuouda arctic mountain in northern Sweden.

The mountain was 800 m high and the road had maximum steepness of 14 %, which set certain demands for the transport planning and equipment. Also the weights and dimensions made this project very demanding. The heaviest part was nacelle, with weight of 127 to and the longest parts, the blades, were 49,5 meters long.

Cargo origin was Poland for the blades and Finland for the rest of the cargo. Project was completed on door - door basis, using charter vessels, barges and pontoon and truck transports.



All four nacelles were transported at the same time by barge from Loviisa, FIN to Skellefteåhamn, SE and by Silvasti's heavy equipment to the site.

2009 - 2010 Project Aulepa, EE

In 2008 Silvasti received a major contract to deliver totally 16 x 3 MW wind turbines to Aulepa Wind Park, which is situated in the west coast of Estonia. Major part of the cargo, including 16 nacelles, were transport during the winter time. The cold climate made this project a challenge also for both the equipment and the crew, but as a Finnish based company Silvasti is familiar working in extreme conditions, like ice and snow.

Deliveries started with the foundation parts in the 2008 Autumn. After this started the nacelle, hub and tower transports. Each delivery was closely planned and scheduled between Silvasti's project manager, customer's logistics coordinators and the crane company at the site. Whole project was executed with 100% customer satisfaction.



Nacelle arriving to Aulepa site. Winter conditions made challenges for trucking, but every transport was executed without problems.



One of the Silvasti's triple extendable blade trailers. Silvasti's equipment can transport blades up to 60 meters.



49,5 meters long Blades were transported by charter vessel from Poland.



Total weight of this truck carrying nacelle is over 200 tons, so dumber truck was needed to assist the truck on top of the mountain.



Among other services Silvasti Logistics can offer also heavy lift work needed for installation. So you can always have door-to-door solution for your wind power project from Silvasti.



LOCATIONS:

Silvasti Oy

Lekatie 2
40320 Jyväskylä
Finland

Silvasti AB

Box 750
851 22 Sundsvall
Sweden

CONTACT:

Matias Setälä

Director, Projects

Tel: +358 400 770 832

Fax: +358 14 217 014

Email: matias.setala@silvasti.com

