



**cargolux**

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## **Media Release**

### **Cargolux signs agreement for environmentally friendly beam solution**

*Luxembourg, 24 March 2017* – Cargolux Airlines has signed an agreement with German company Trinkaus-Solutions for the use of its squAIR-timber product. Cargolux is the first airline worldwide to introduce the lightweight material in its operation and currently uses it on all pharma shipments out of Luxembourg.

As an airline with an intense focus on environmental issues, Cargolux appreciates the full recycling capability of squAIR-timber product. The cardboard fiber composite beams only contain raw materials from sustainable sources that differs significantly from conventional corrugated products and provides an excellent economic and ecological long term replacement for wooden material.

“Cargolux is proud to be at the forefront of developments again with Trinkaus-Solutions’ innovative products”, says Lars Syberg, Cargolux EVP Global Logistics. “The use of modern, environmentally-conscious tools in air cargo underlines our standing as a green cargo carrier at a time when many of our customers put more emphasis on working with a partner who is aware of its responsibility towards the world we live in. In addition, Trinkaus-Solutions provides us with products that make Cargolux more efficient and faster with the added advantage of lower costs. It’s an all-round winner for us.”

Trinkaus-Solutions says that the beams have a load capacity of up to 10 tons. At the same time, they are significantly lighter than the conventional wooden beams they replace, with a weight of only 1.2 kilograms per meter. They are also resistant to humidity.

At the same time, this new solution is 80% lighter than the conventional wood it replaces, thus allowing more payload and a lower fuel consumption of Cargolux’s aircraft, which directly translates to lower aircraft engine emissions. Cargolux estimates that the use of squAIR-timber has the potential to reduce its fuel consumption by roughly 1,200 tons per year, lower fuel consumption of Cargolux’s aircraft, which directly results in lower aircraft engine emissions.

In addition, squAIR-timber solution enables shorter build-up times, eliminating the need for forklifts as they can easily be handled by one person. They can be reused and are 100% recyclable with lower disposal costs than wooden materials.

With the squAIR-timber product, Cargolux offers its customer an enhanced and more flexible service by using environmentally-friendly materials.

**About Cargolux Airlines International**

*Cargolux, based in Luxembourg, is Europe's leading all-cargo airline with a modern and efficient fleet composed of 14 Boeing 747-8 freighters and 12 Boeing 747-400 freighters. The Cargolux worldwide network covers 90 destinations, some 70 of which are served on scheduled all-cargo flights. The company has more than 85 offices in over 50 countries, and operates an extensive global trucking network to more than 250 destinations as well as full and part-charter services. Cargolux also offers third-party maintenance at its modern two-bay maintenance hangar in Luxembourg. The company is specialized in B747 line and hangar maintenance up to and including C-Checks. It offers a range of specialized maintenance services and holds line maintenance approval for 777 aircraft. The Cargolux Group employs close to 1,900 staff worldwide.*

Cargolux Corporate Communications

Moa Sigurdardottir, Head of Corporate Communications

[moa.sigurdardottir@cargolux.com](mailto:moa.sigurdardottir@cargolux.com)

Phone: +352 4211 3635

[www.cargolux.com](http://www.cargolux.com)