

THE FUTURE  
STARTS HERE:  
**AMPLID  
GREEN LIGHT**

THE NON-BULLSHIT  
ECOFRIENDLY TECHNOLOGY

The AMPLID GREEN LIGHT PROJECT isn't a sudden reaction to consumer demand. Since Amplid's inception the company has strived to keep its negative impact on the environment to a minimum, after all it's in our interest to keep the mountains white.

Since day one our skis and snowboards have been manufactured by some of the most environmentally forward thinking factories in the EU. We've kept our carbon footprint as small as possible by sourcing all of our raw materials within a 400km radius of our factories. Additionally, Amplid was instrumental in the R&D and realisation of WDT Polywood core technology, a core material that makes use of otherwise wasted material and requires 50% less energy than standard wood cores to create.

Two years ago Amplid's founders Peter Bauer and Anian Thrainer felt it was time to apportion Amplid's twenty years of ski and snowboard R&D experience to developing high performance products created from non-toxic materials and less energy hungry manufacturing processes; the Green Light Project was born.

You won't see bamboo sidewalls imported from the Far East or expensive wood veneers created from tropical hardwoods on our products, in our eyes these are in most cases aesthetics designed to pull the wool over consumers' eyes. The Green Light Project is about real eco-friendly technologies that deliver incredible performance; it's about extending the ARC to incorporate innovative suppliers providing green and recycled material solutions and putting these materials through our rigorous testing. We believe that this search will unearth materials that offer superior riding characteristics and durability to the current crop of materials used by 99% of manufacturers at present.

The Amplid Green Light Project is the start of a journey and the commitment by Amplid to push green ski and snowboard technology forward. In ten, twenty... who knows how many years' time we will feel proud that we were involved in a movement that transformed the industry, we hope you'll come along for the ride.

KEEP  
THE SNOW  
WHITE



#### AMPLID's ECO MAXIME UNTIL NOW:

- Boards, Skis, Skibindings, Poles: 90% of our products being produced in the EU
- Highest environmental standards for production in EU
- Cutting down max. travel for all board & ski ingredients - currently 300 km only
- WDT Polywood: Investment in RnD and Moulds to reuse wood debris and save energy
- Lacquer curtain for UV-gloss banned due to ecological impact (replaced through PLT)
- Distance factory – chairlift: 10 km
- Distance headquarter – chairlift: 8 km
- Distance US office – chairlift: 7 miles

#### THE AMPLID GREEN LIGHT PROJECT:

##### ► TOPSHEET: BASED ON RIZINUS-CASTOR OIL

Castor oil is a vegetable oil obtained from the castor bean. Castor oil is a colorless to very pale yellow liquid with mild or no odor or taste. Instead of traditional petrol this polyethylene topsheet foil is based on castor oil.

##### ► BASE: 100% RECYCLED PE, SINTERED

Polvethylen has been recycled, cleaned, ground, sintered and saturated with bee wax.

##### ► SIDEWALL: RECYCLED ABS

ABS material gets recycled, ground and compressed into recycled ABS plates. Only available in black. Coloured leftovers in the factory have been reused to create split sidewall design. Coloured splits appear randomly.

##### ► CORE: FSC WOOD & RECYCLED P.E.T.

FSC WOODCORES are provided by sales organisations with an aproved replanting certification. All woodcores come from regional sources. We are currently (Jan. 2012) experimenting with RECYCLED P.E.T. BOTTLE CORES with FLAX STRINGERS and mixed compound cores, and the first riding tests have been incredible. By the time you get that shred under your feet, it might have already those new cores. The P.E.T. cores from from Switzerland with flax fibre reinforcement cultivated in Belgium.

##### ► FLAX FIBRE TUBES

For skipoles we are using a new composite material made from flax fibres and carbon fibres. The result is higher durability than glasfibre or aluminum tubes, lighter weight and: The tubes are made out of regrowing non-food-competitive organic material.

##### ► RESIN: ECO-PLAST

BIO CONTENT: 60% of renewable, agricultural raw materials.  
 MANUFACTURING PROCESS: Straight feed stock bio-chemical resin: no waste, no green house emissions; no VOC, no byproducts; Minor power and zero water consumption.  
 SUSTAINABILITY: Reduced CO2 footprint by using agricultural raw materials and fillers based on natural minerals; none competing with food sources.  
 MOLDING PROCESS OF FIBER-REINFORCED COMPONENTS: Quick and lower energy consuming curing process assisted by a special catalyst system, shortening time and lower temp necessary for curing.