Press Release
Renovo Design
Portland, Oregon
Contact: Ken Wheeler
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In 2007 Renovo Design of Portland Oregon introduced engineered hollow frame wood bikes to the world. Founder Ken Wheeler's experience in aircraft design had taught him the vibration damping superiority of wood over common bike frame materials and he suspected a wood frame could be a dramatic improvement as the entire frame would absorb shock and vibration while still delivering carbon stiffness.

That proved to be the case and over the past decade we have continued to refine our frames and optimize the smoothness-to-stiffness ratio, seeking the perfect ride. Our first prototypes were designed and produced with CAD/CAM, and our engineering has since kept pace with both bicycle design and state-of-the-art computer aided design, analysis and manufacturing technology. We have introduced a variety of models including mountain, gravel, road, city and ebike, all of which deliver superior ride quality, our primary selling feature which has garnered praise from customers and press alike.

Interbike 2016 is our debut as an Off-The-Shelf bicycle manufacturer and we're excited to showcase some of our new models:

- The FatAsh, a 27.5 plus mountain bike, the spirited fat tire sibling of our BadAsh 29er.
- The KickAsh, a 27.5 mountain bike
- The El-Wood, an eBike
- The John Day, a gravel/endurance bike
- The Aerowood, an aero endurance road bike

Although we're a small company, we have a large staff in engineering and design, ensuring we bring exceptional and competitive bikes to cycling. Aside from absorbing road vibration, wood offers superior fatigue life and durability as well as ease of repair.

We use state-of-the-art technology in the design and machining of our frames including computer solid modeling, computer structural analysis (Finite Element Analysis) and toolpath generation driving a computer controlled 18,000 pound machining center. Since they're fabricated from wood planks instead of from purchased tubing or pulled from molds, a vital part of our team is our highly trained and skilled craftspeople grade who select, grade and and prepare the wood for machining and do the final shaping and finishing of the machined frames.

Renovo Design has produced bespoke hollow frame hardwood bikes In Portland Oregon since our inception in 2007 and in addition to co-branding bikes with carmaker Audi in 2011-2012, we've shipped nearly 1000 custom bikes worldwide.

Our FatAsh Plush, 27.5
Featuring:
Boost 148 rear,
Thru axles both wheels,
SRAM 1x12 X01 trail drivetrain
Asymmetric chainstays
Tapered steerer.