

connoratechnologies

Re-inventing Thermosets

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CEO

What if we could



EVERYTHING?

CLEANING UP THE PAST



GRINDING

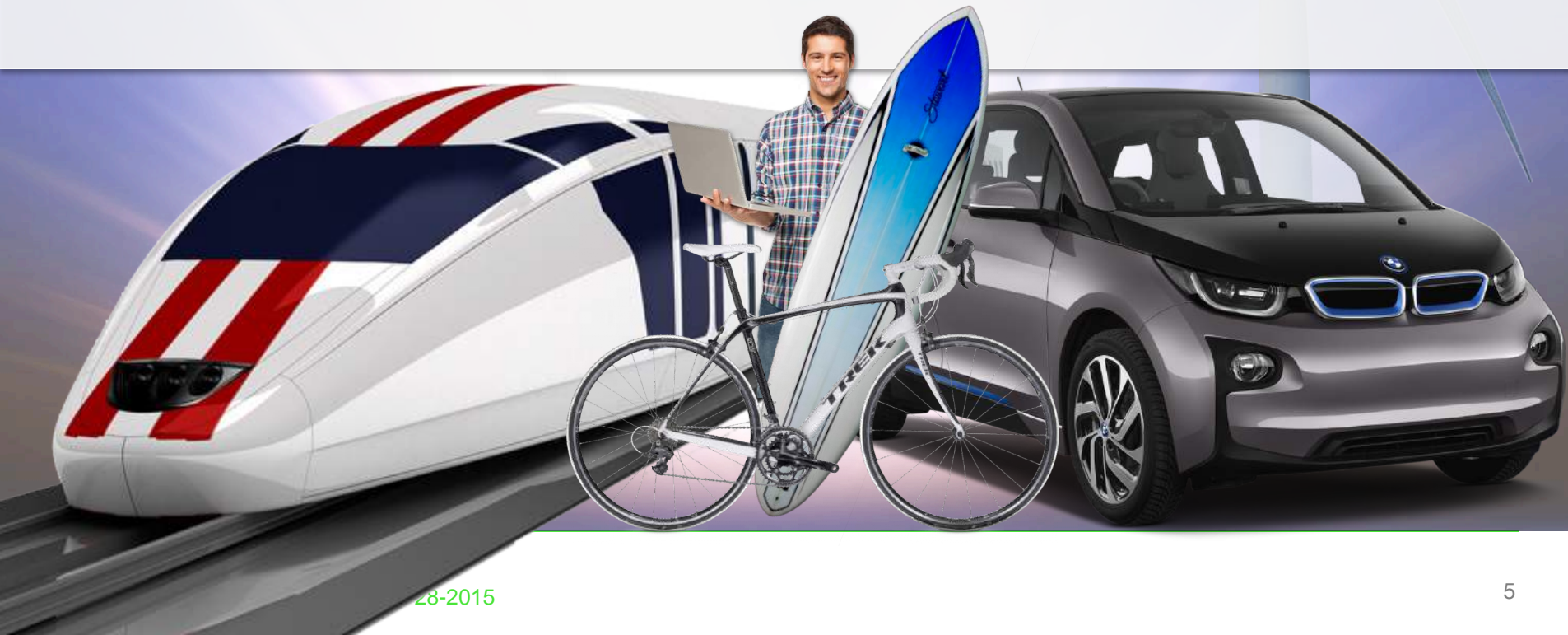
PYROLYSIS

DESIGN FOR THE FUTURE





THERMOSET COMPOSITE MATERIALS





THE COST OF PERMANENCE

10-40% Manufacturing Waste



Overcoming Permanence

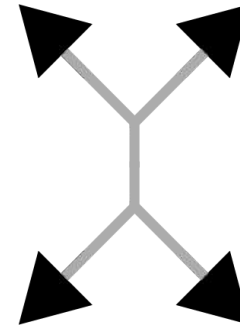


“Connora has redesigned thermosets to be **Recyclable from the start**”

EPOXY THERMOSETS ARE MADE BY REACTING:



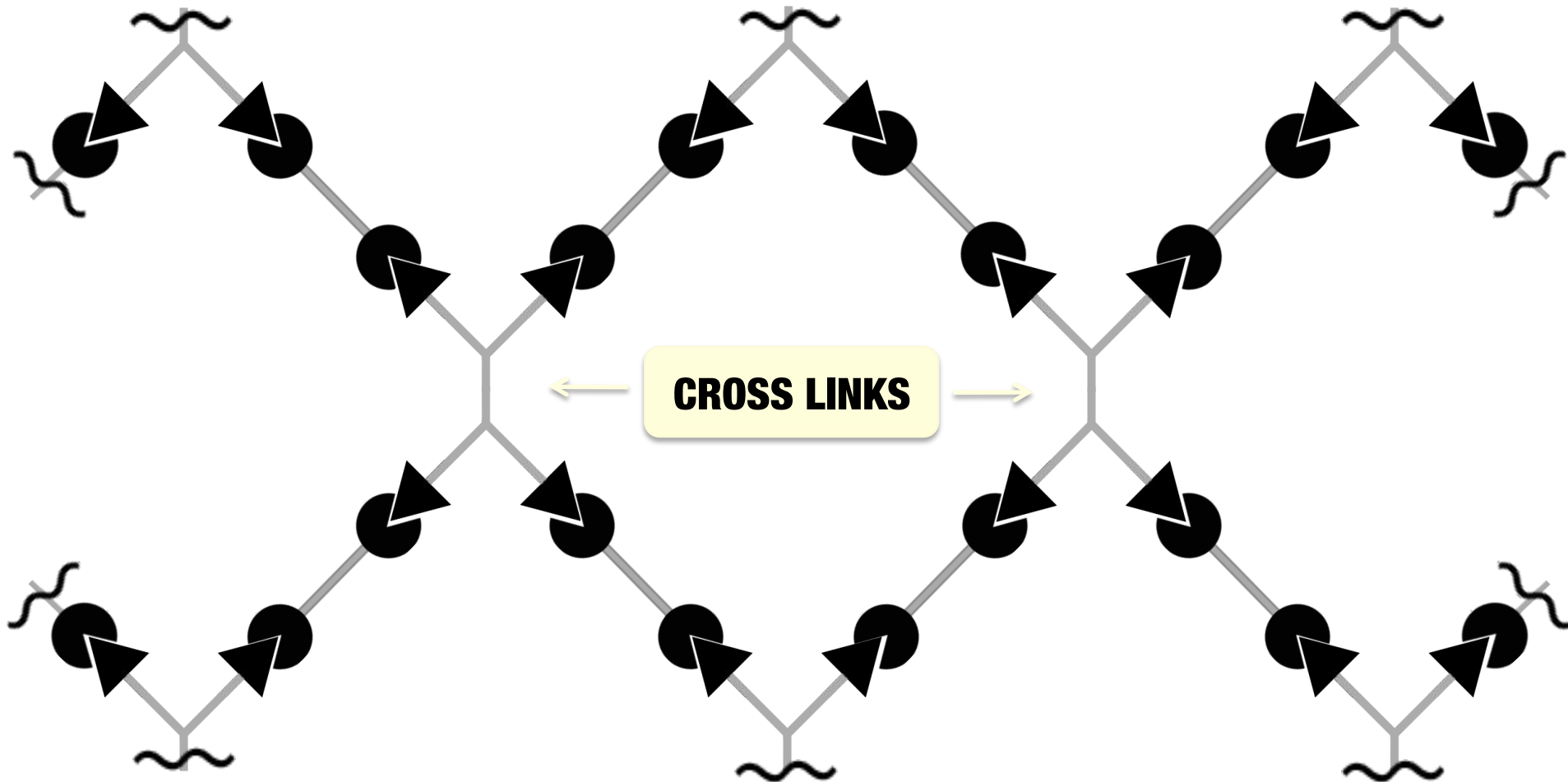
Epoxy Resin



Polyamine

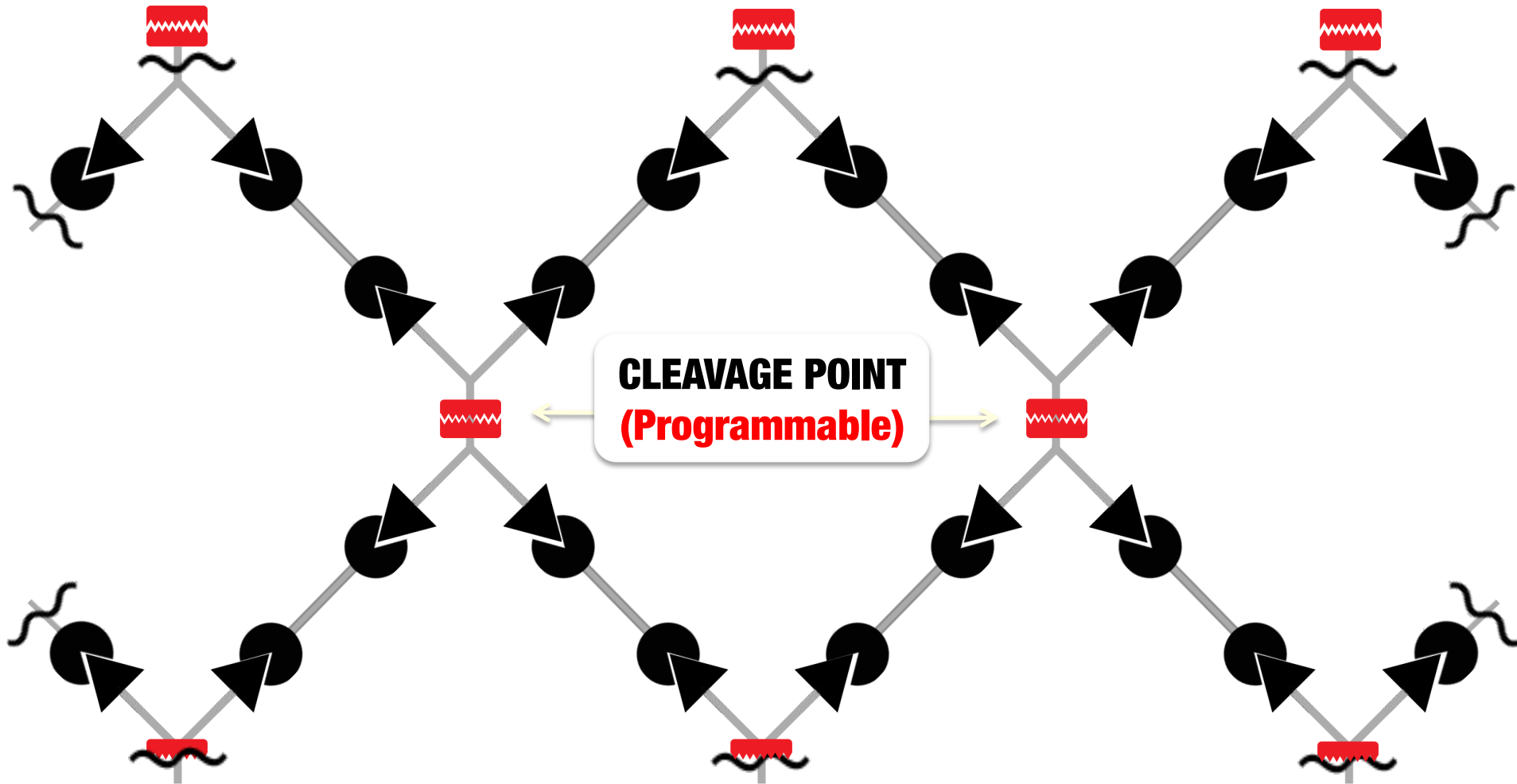
CONVENTIONAL EPOXY

IRREVERSIBLE BONDS MAKE TRADITIONAL THERMOSETS PERMANENT

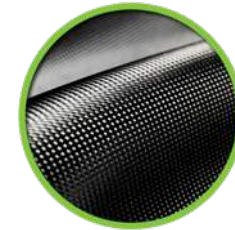


'RECYCLAMINE' TECHNOLOGY

CONNORA'S **CLEAVABLE** BONDS ALLOW THERMOSETS TO COME APART



RECAPTURE LOST VALUE



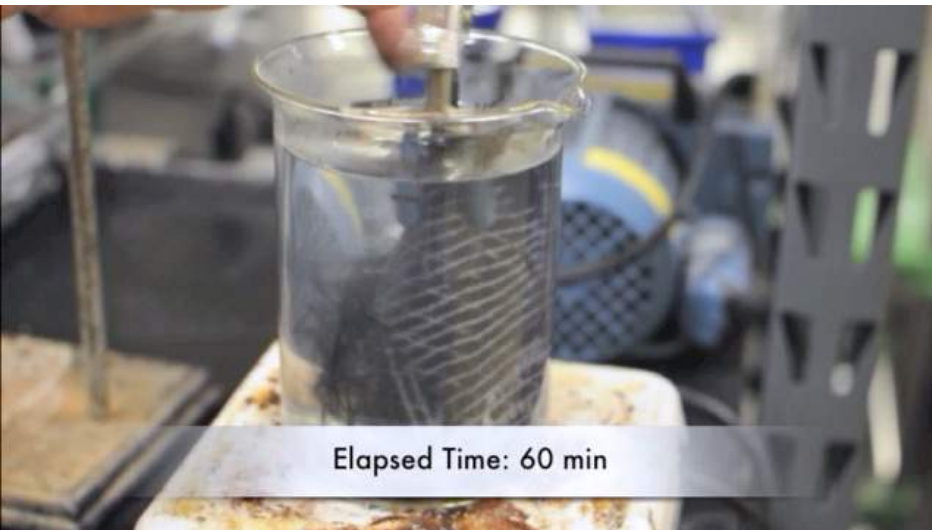
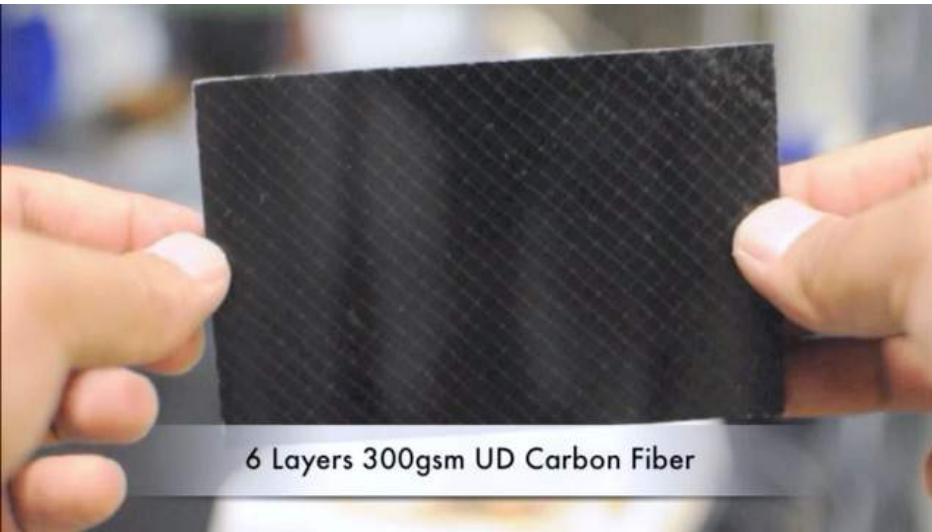
**FIBER
REINFORCEMENT
\$4/lb**



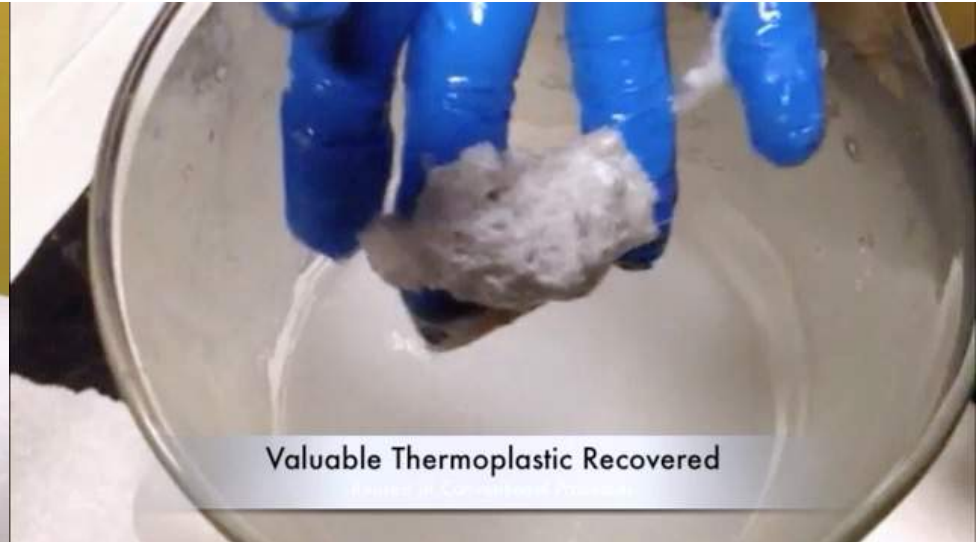
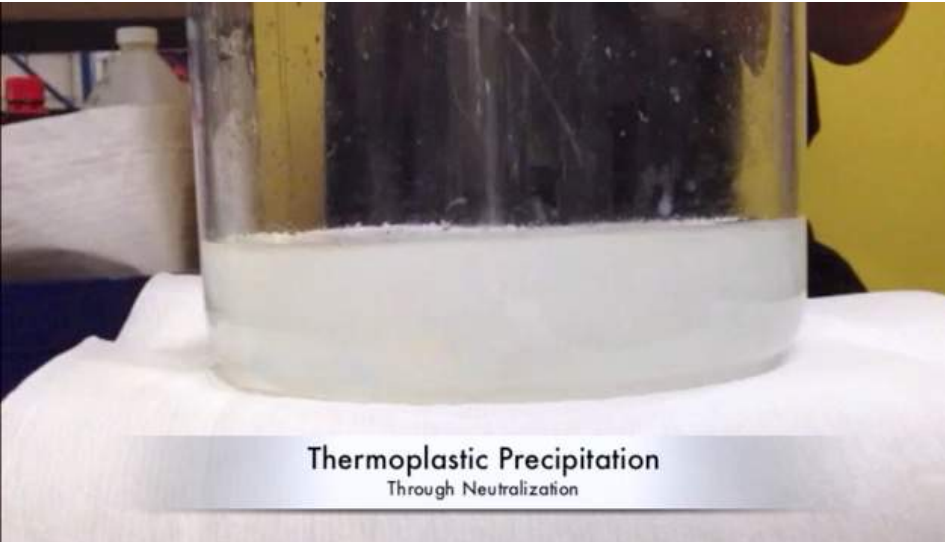
**THERMOPLASTIC
\$0.5/lb**

8% ↓ Carbon Fiber (@ 20% waste)
\$5,000 Carbon Fiber per Car (500 lbs @ \$10/lb)
\$400 Savings per Car
\$7 M Savings per Line/yr (~17k units)

LOW ENERGY RECYCLING



LOW ENERGY RECYCLING



#MAKETHINGSBETTER



CLOSED LOOP MATERIALS
PROOF-OF-CONCEPT

#MAKETHINGSBETTER



enjoyhandplanes

Following

2 weeks ago

We just dropped off at @patagoniasm and hung with the crew for a while. Thanks as usual for all the support crew! See you soon! On to @fcdsurfboards! @patagonia_surf @thetorpedopeople @stwcoalition



bblockwoodd, bodysurfingaustralia, questhaven_ranch and **297** others like this.



jenn_eel

