

## A Racing Car made from Plants: Transcript



Certainly, sustainable materials in a racing car is definitely new.



It was pioneered with the UK 1 project and what we've discovered is that a racing car is a fantastic way to demonstrate all these new materials and actually tell the world about them, and try and get people thinking about their use, and where they might be used in motor sport, and indeed in real world cars.



We've made the steering wheel from carrot fibre; it's made of the cellulosic nanofibres which are extracted from the carrot pulp which remains after you've made some juice.



We have various bodywork components made out of recycled carbon fibre; we're using natural fibres such as flax and hemp for some of the body components; we have radiators coated in a catalyst which converts ozone to oxygen; and the diesel engine itself is running on waste - a diesel produced from the fats in waste chocolate and also from waste vegetable oil.



It feels pretty amazing, actually! It's very quick, it feels like a very aggressive, serious racing car, so I'm very impressed with it - it feels pretty fun, and I'm looking forward to getting it on the race track.

With thanks to the University of Warwick