



## **QPSF Technology Diffusion Project**

### **Controlled Vacuum Infusion: computational modelling and simulation for the manufacturing of fibre reinforced polymer (FRP) structures**

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### **1. PROGRESS TO DATE**

The funding component from QPSF is for the purpose of acquiring the PolyWorx software package. As soon as funding was approved in December 2005, we initiated the purchase of the software which arrived in March 2006. While CESRC was familiarising itself with the software, CAB was working on the computer model of a 13m houseboat and produced a CAD model of the hull in late March 2006. Since early April 2006, the CESRC is working on the import of the CAB model into PolyWorx environment.

### **2. CURRENT ACTIVITIES**

We are currently progressing with the modelling work leading to the simulation of infusion.