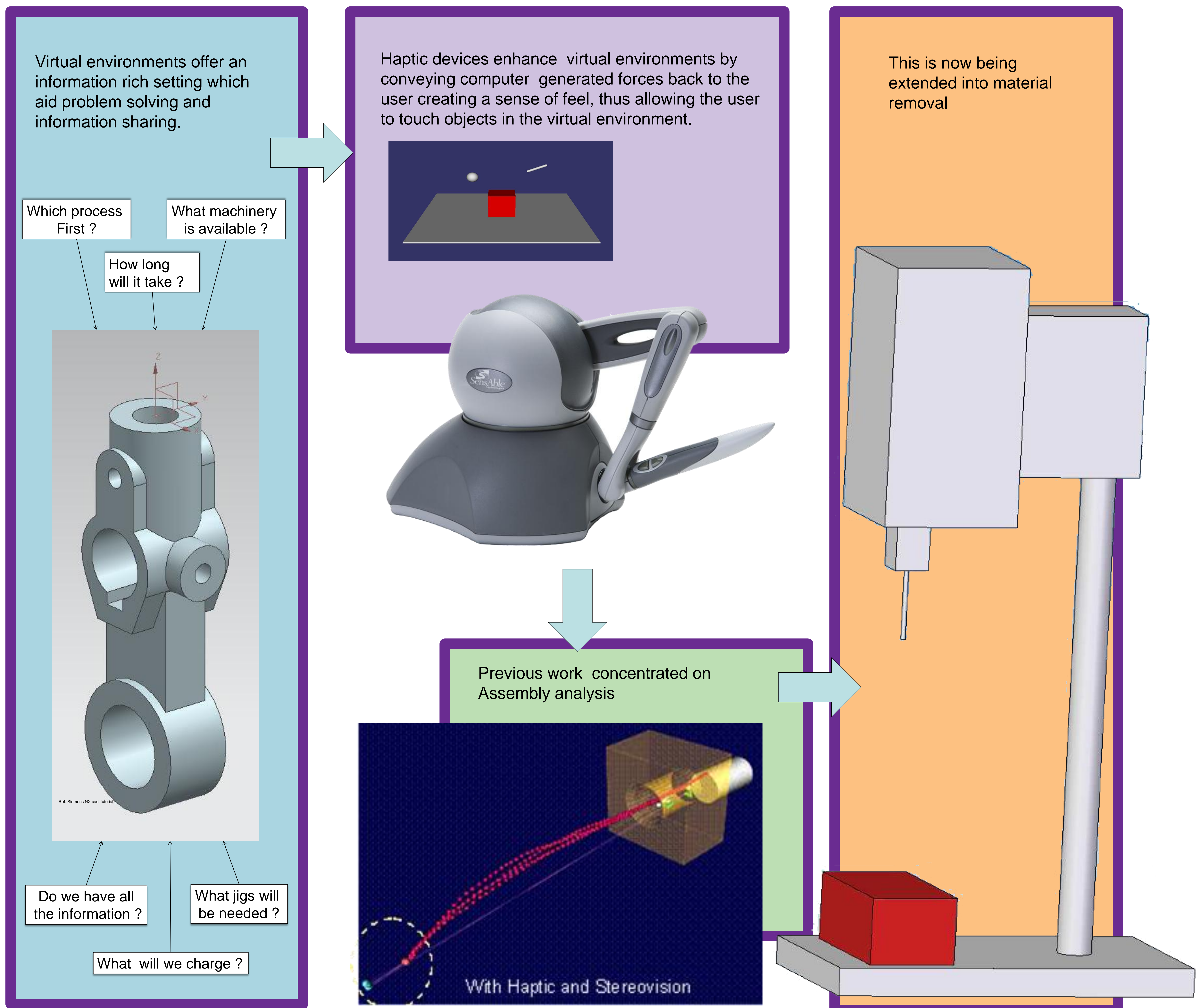


This project will focus on exploiting haptic technology and virtual environments to capture expert user knowledge by simulating machining and set-up processes. This information will then be reused downstream in a Computer Aided Process Planning (CAPP) environment.



The ability to rapidly prototype product manufacture in a virtual environment will lead to a better understanding of the manufacturing issues before committing to the manufacture. A better understanding of the manufacturing issues will lead to more optimised machining strategies and less downtime.