

Nanotechnology: markets, potential and future applications

Donald Fitzmaurice

ePlanetVentures, Dublin (Ireland)

Key drivers for innovation are the needs of aging knowledge workers seeking a sustainable lifestyle. Successful companies will meet these needs by bringing to market products that improve our health, particularly in later life, that enhance our efficiency and creativity as knowledge workers, and that reduce our energy and environmental footprint.

Biotechnology, Information and Communication Technology and Nanotechnology are seen as keen enablers in the short and medium term. However, it is the convergence of these technologies that is seen as the key enabler in the long term.

This presentation will explore how technology convergence will enable human enhancement and life extension; artificial brains and the networked human; and the development of clean energy sources and the factory of the future.

It will also explore the implications for entrepreneurs, investors and policy makers in Europe now and in the future.