



Telecare and Assistive Technologies

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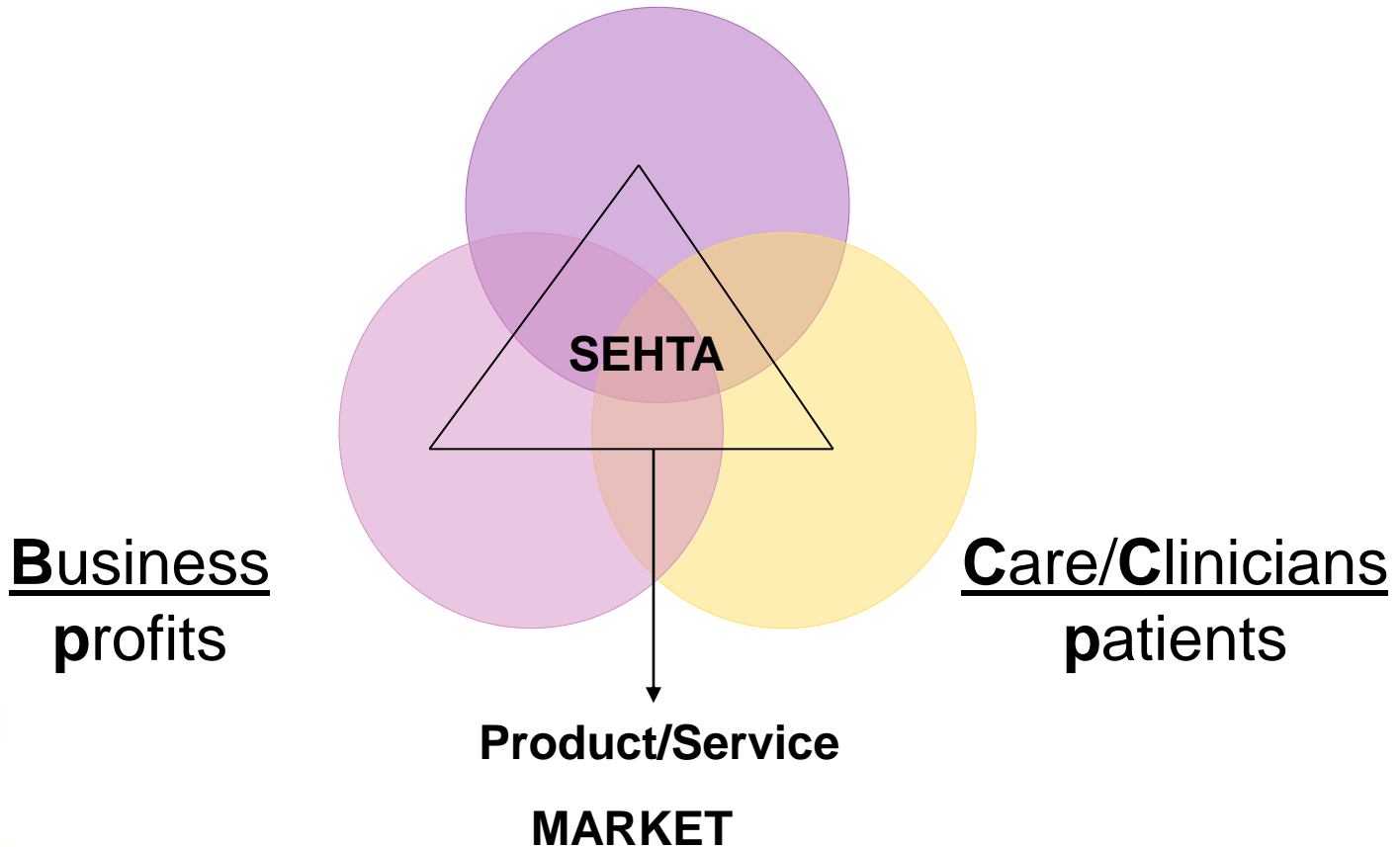
- Background SEHTA and ICE-T
- Technology and services – definitions and examples
- Outcomes – including Whole System Demonstrator, 3million lives
- The bigger picture
- Enabling infrastructure
- Summary and conclusions



The ABC



Academia - papers





- Network – 2000+ contacts
- 3 Showcase sites
- Events programme including ‘Meet the Buyers’
- Funded 10 projects (value £1 million)-
5 marketed products/services
- Led to 3 major EU projects





- **Telecare** – remote monitoring of alarms and alerts often in peoples homes e.g. falls, fire, flood
- **Telehealth**- remote monitoring and management of physiological conditions e.g. blood pressure, blood sugar
- **Telemedicine** – remote diagnosis, analysis and treatment of medical conditions





Whole System Demonstrator (worlds biggest trial)

- A DH funded project to collect and evaluate evidence for telehealth and telecare
- Announced in 2006, designed in 2007, launched in 2008 as a two year study
- Across 3 sites (Newham, Kent & Cornwall), 238 GP practices and over 6,197 people – diabetes, COPD and CHD





Reduction in:

Mortality – 45%

Emergency admissions – 21%

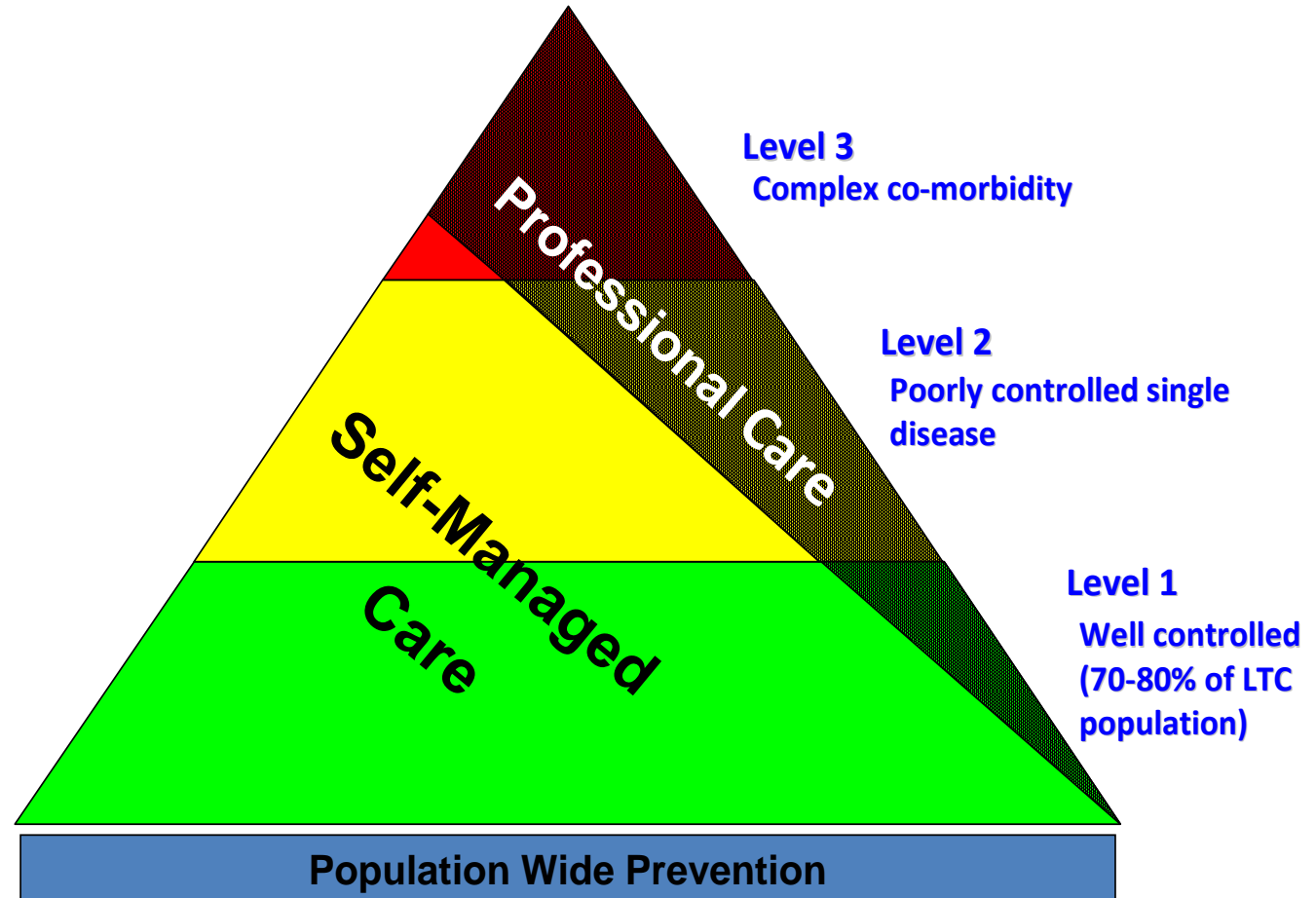
Elective admission – 14%

Bed days – 14%

Leading onto 3 million lives



The Bigger Picture





- Mobile communications
 - Broadband
 - Digital TV
 - SMART meters....SMART housing
- See <http://www.healthktn.org/capabilitymap/>



Summary and Conclusions



- Case is well made for contribution of tele - technology and services to improve health and care of ageing population
- Paradigm shift needed in way health and social care is delivered –built into health and care pathways, bigger ‘elective’ market, enhanced infrastructure

