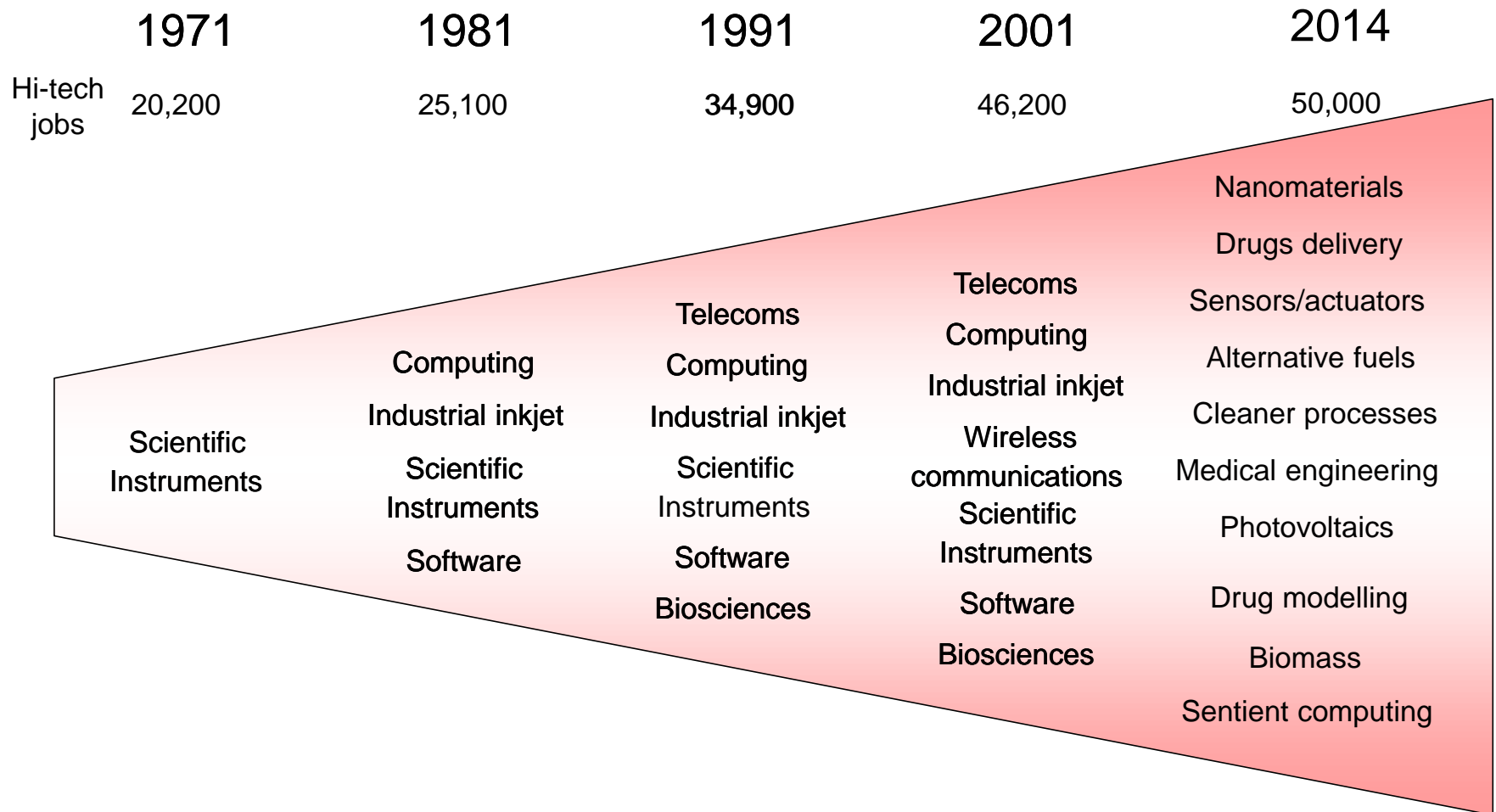


Cambridge Cleantech Members' Group

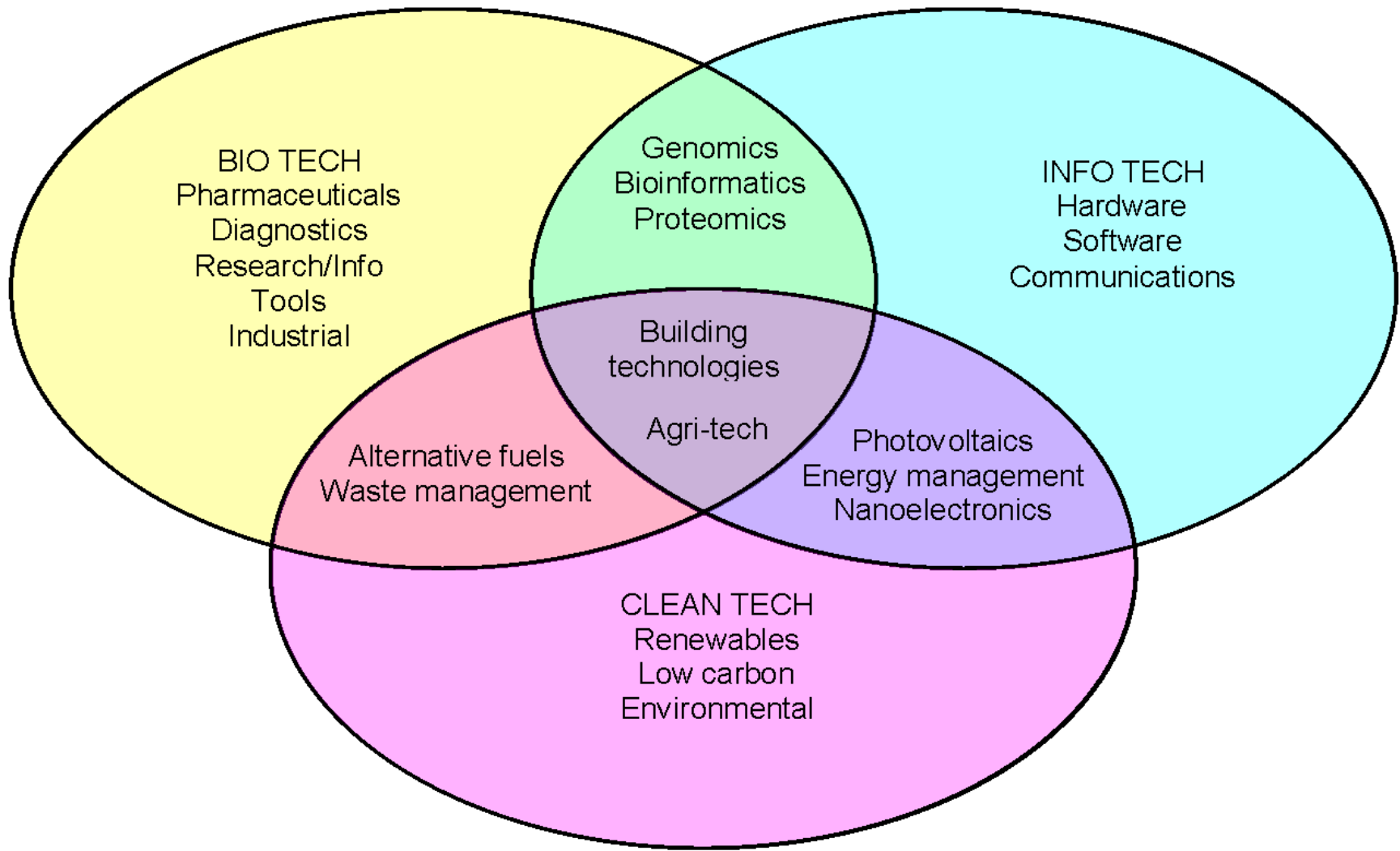
**Carbon-CAP Workshop
11 October 2016**

**Martin Garratt
Cambridge Cleantech
CEO
BA BPI MRTPI**

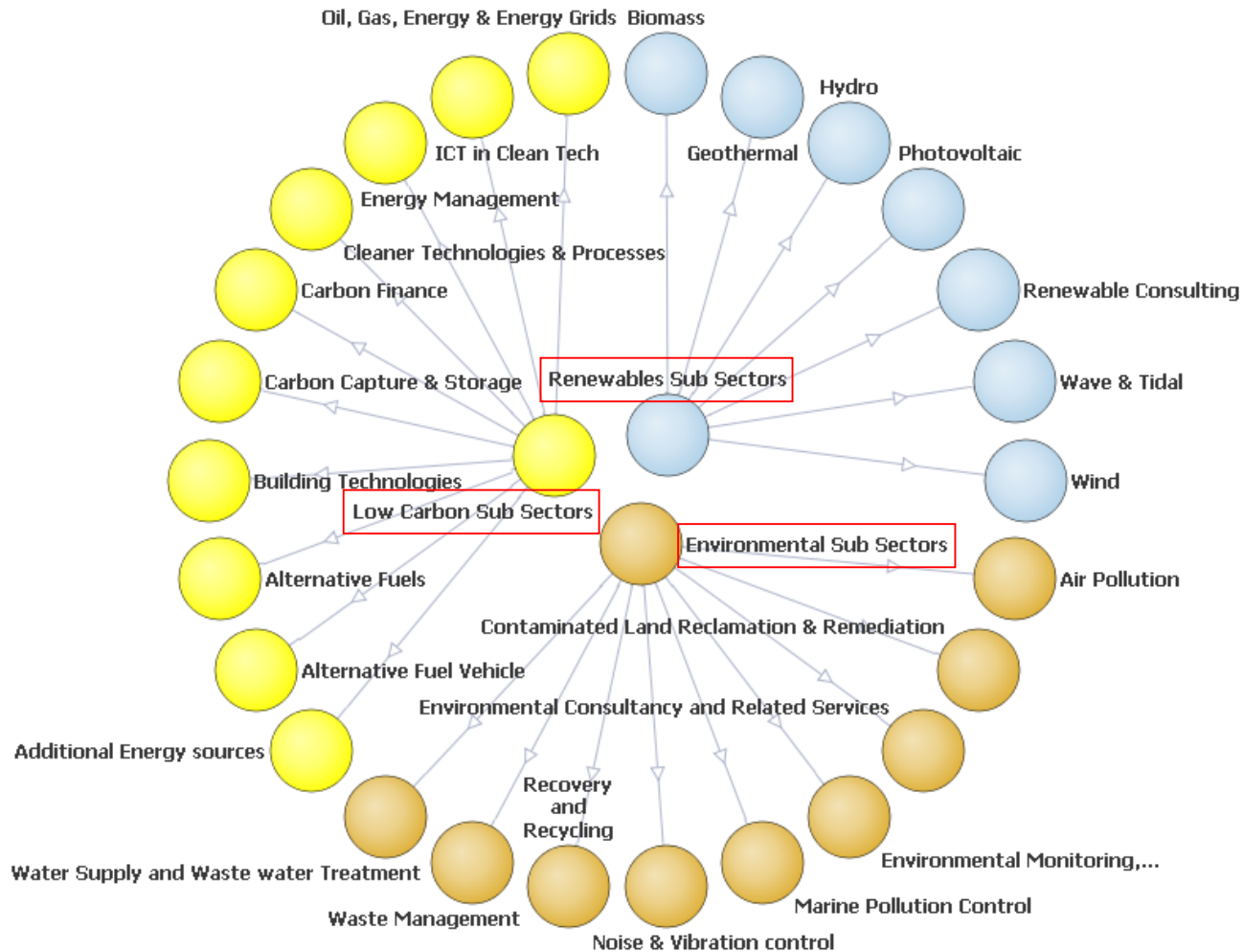
Emergence of Hi-Tech Cluster in Greater Cambridge



Three Converging Revolutions



Cleantech Sector Definition



Source: Greater Cambridge Partnership Cleantech Strategy & Action Plan, May 2010

Energy Management Sector - Examples

Green Energy Options	Design and manufacture energy management displays	Hardwick, Cambs
Alert Me	Domestic energy monitoring	Cambridge
eSight Energy	Energy management software	Swavesey, Cambs
Meniscus Systems	Energy management systems monitoring	Huntingdon, Cambs
Ista Energy Solutions	Commercial energy management solutions	Harston, Cambs
Sentec	Products for the smart metering sector	Cambridge
AMiHo	Wireless control for smart metering	Cambourne, Cambs
Envirocomb	Energy monitoring software and services	Royston, Herts
Energy ICT	Energy information technology	Stansted Abbots, Herts
TEAM	Energy monitoring software and services	Milton Keynes
Radir	Energy management and control	Milton Keynes
Hybridise	Energy management services	Epping, Essex

Vision & Aims

- **To establish Cambridge as a leading international cleantech cluster.**



Founders



GROSVENOR



sentec



UNIVERSITY OF
CAMBRIDGE



Johnson Matthey



TaylorWessing
Cranfield
UNIVERSITY

Autodesk®

Alconbury
Weald



Cambridge University Hospitals **NHS**
NHS Foundation Trust

David Ball
Group plc

ARM®

≡ ttpgroup



Cleantech Incubator - Polysolar

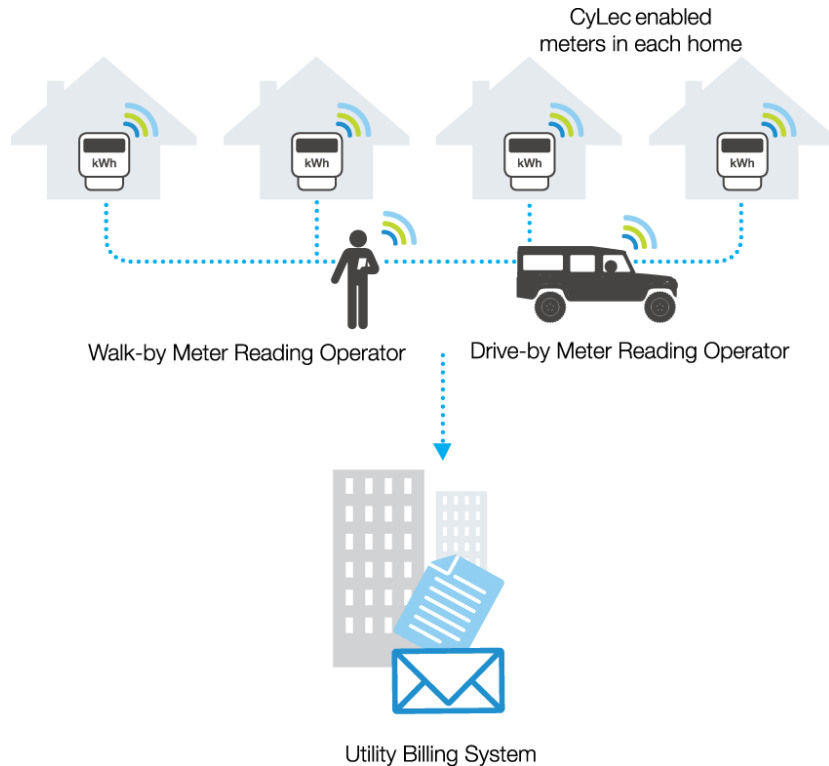


Alert Me

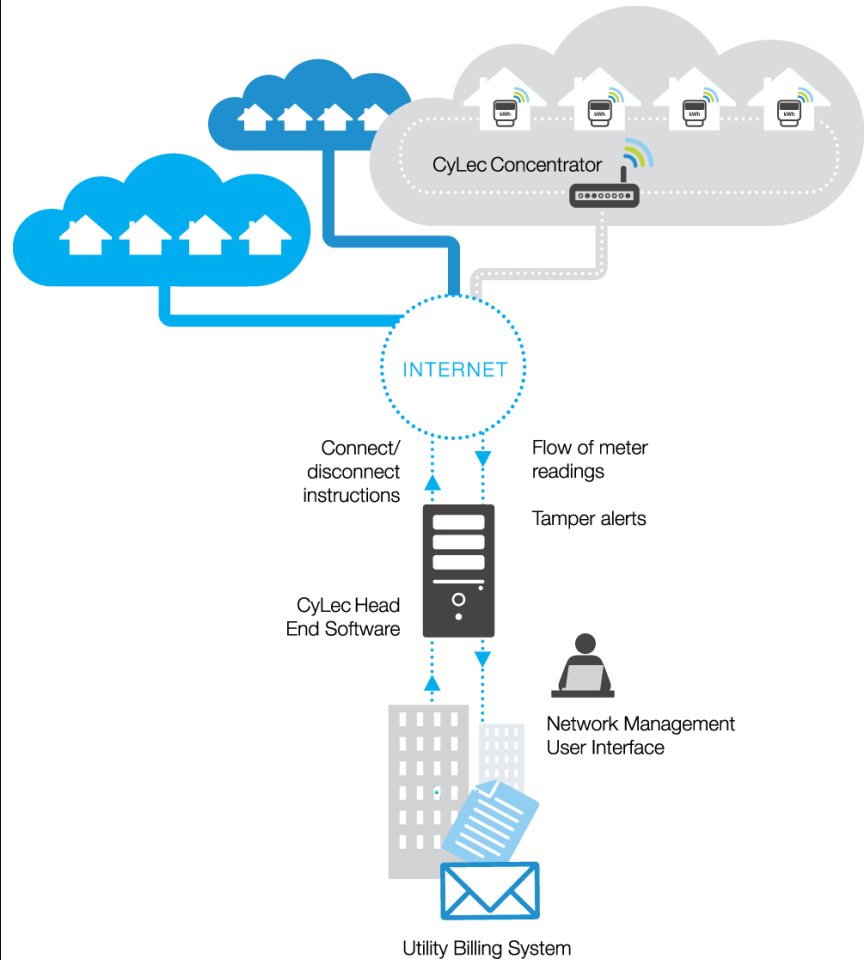


The Cyan Proposition – Electricity Metering

Automated Meter Reading



Advanced Metering Infrastructure



February 2014

Introduction to Ultra



Solar Cloth Car Ports



Cemfree - David Ball Group



Pulsar – Innovation in Lighting





European
Commission

Horizon 2020
European Union funding
for Research & Innovation



Wellness Smart
CITIES & SOLUTIONS



Cognima Ltd



Impact

- Systemic energy consumption, production and emissions reduction between 15% and 30%
- Accelerate wide deployment of innovative ICT solutions for energy efficiency
- Greater consumer awareness and engagement in energy efficiency
- Social media as multiplier hubs – GreenSoul will be linked to social platforms allows using them as dissemination channels for ICT solutions



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

Pilots

Seville



Thessaloniki



Bilbao



Cambridge



Cambridge



Weiz, Austria



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

Progress to date

- <http://www.greensoul-h2020.eu/>
- Draft dissemination plan
- GreenSoul functional and non-functional Requirements Specification
- GreenSoul end users requirements report
- GreenSoul scenarios