

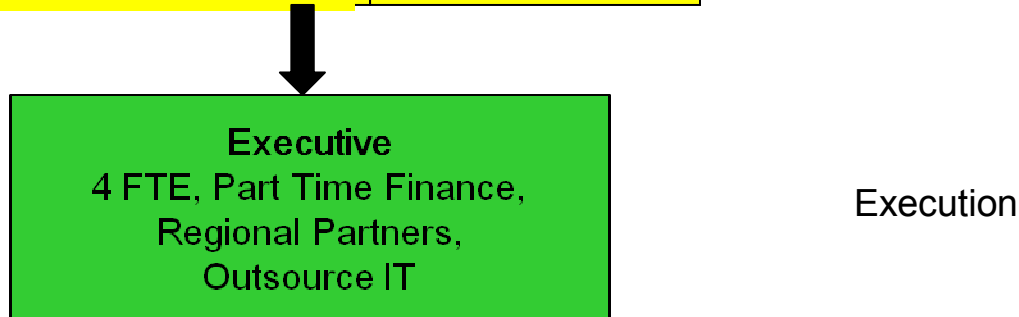
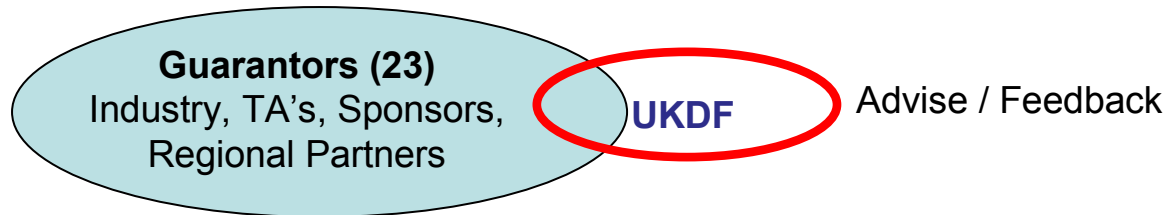


Ashley Evans

**Electronic Design & the Electronics KTN
UK Design Forum
May 8th, 2009**



.....a reminder an independent company limited by guarantee





Programme Delivery

Science

Square Kilometre
Array
Telescope

Grand
Challenges in
Microelectronics

Markets

Medical &
Healthcare
Electronics

Modern Built
Environment

Technology

High
Frequency RF

Embedded
Systems

RFID &
AIDC

Business

Regulations:
EMC, EUP, RoHS,
WEEE

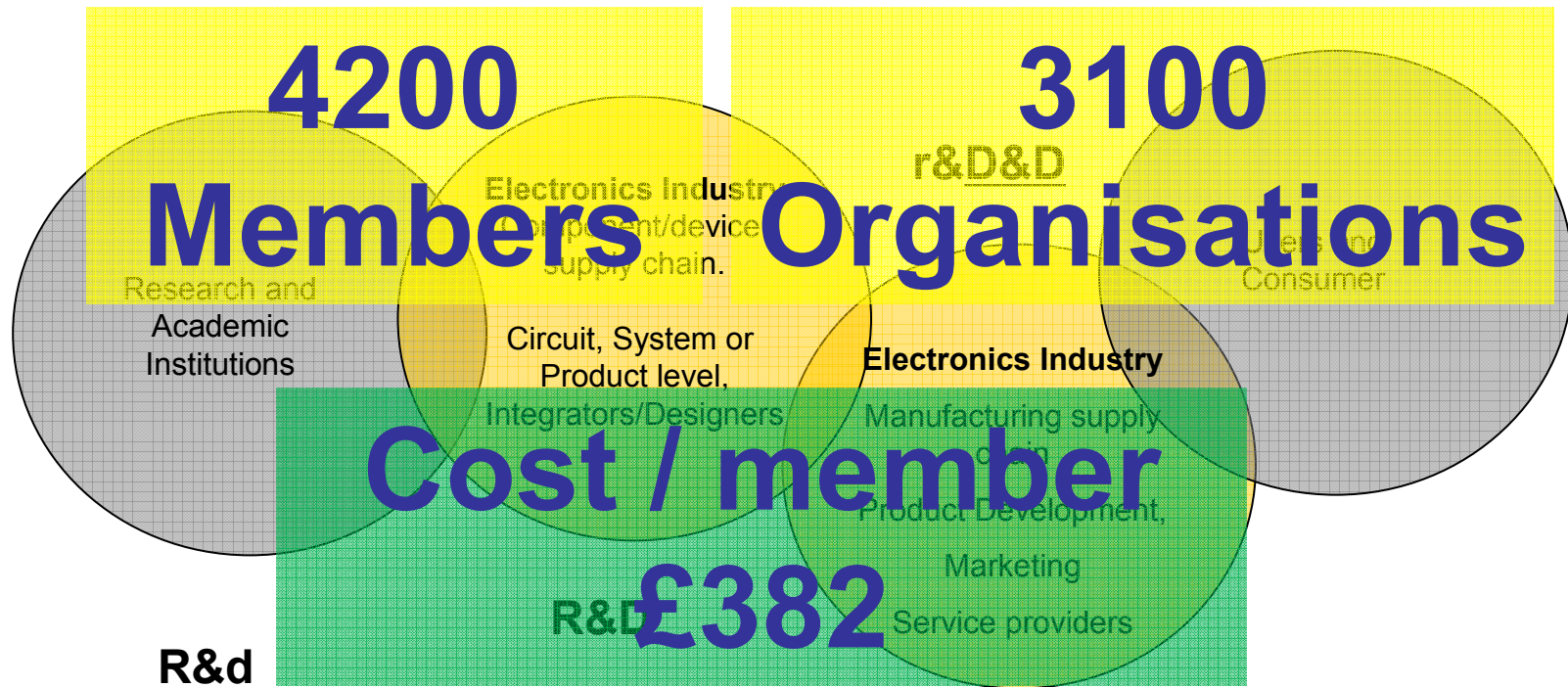
Design Tools &
Processes

Innovation
Management
Academy



Our Community to date

The Value Chain around the UK's Electronic Design Community

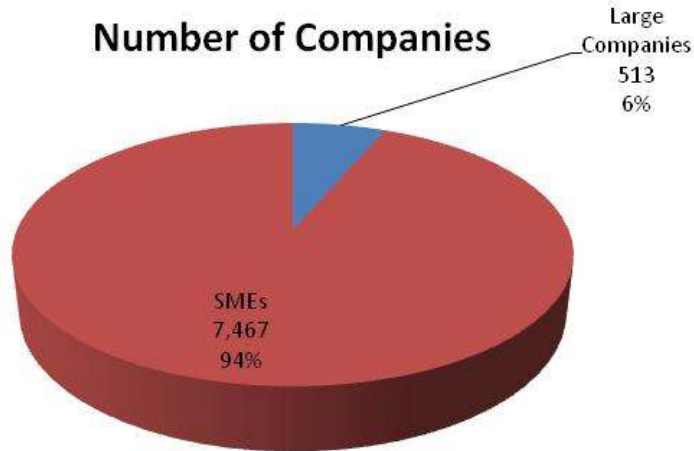




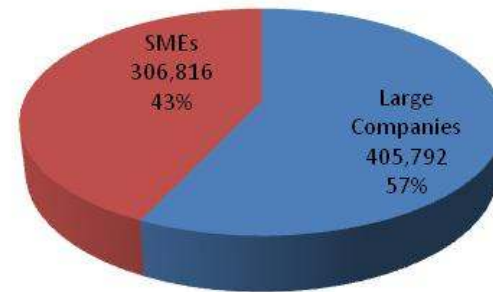
Capability Mapping



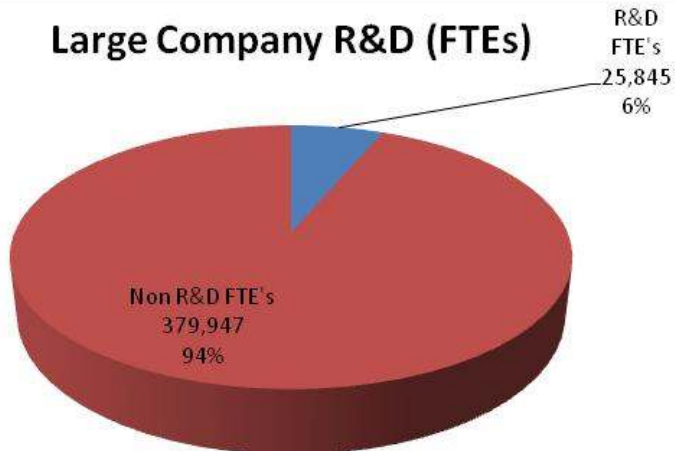
Number of Companies



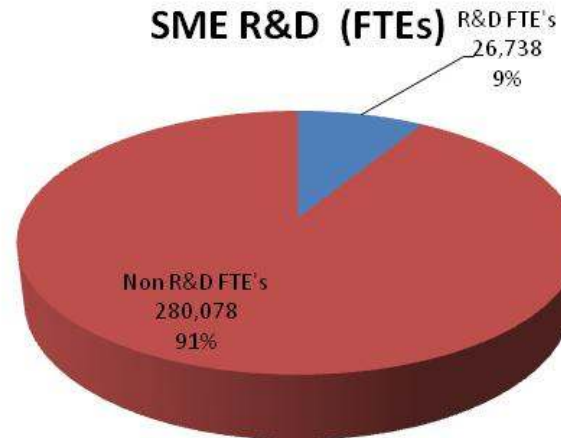
Full Time Employees (total 712,608)



Large Company R&D (FTEs)

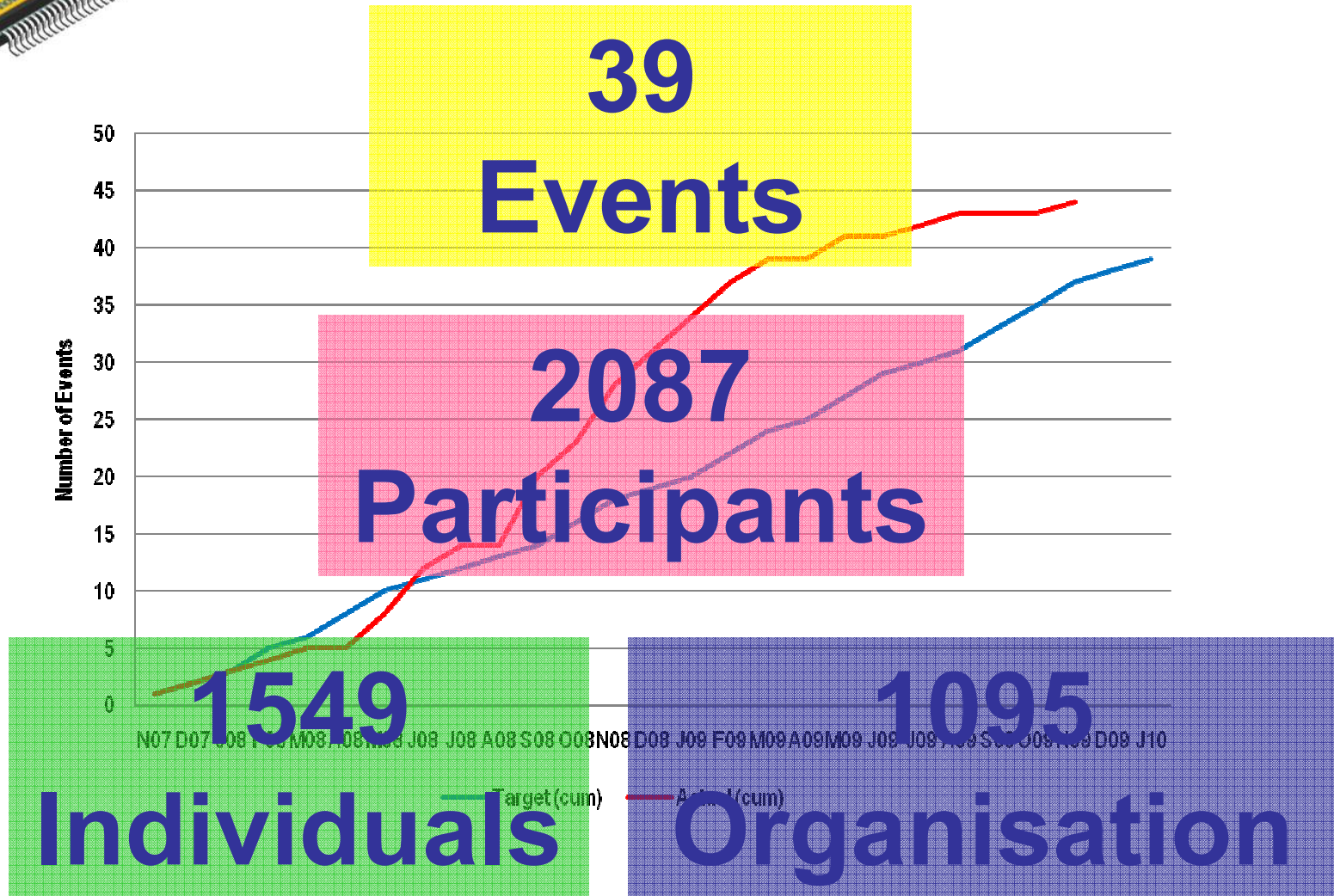


SME R&D (FTEs)



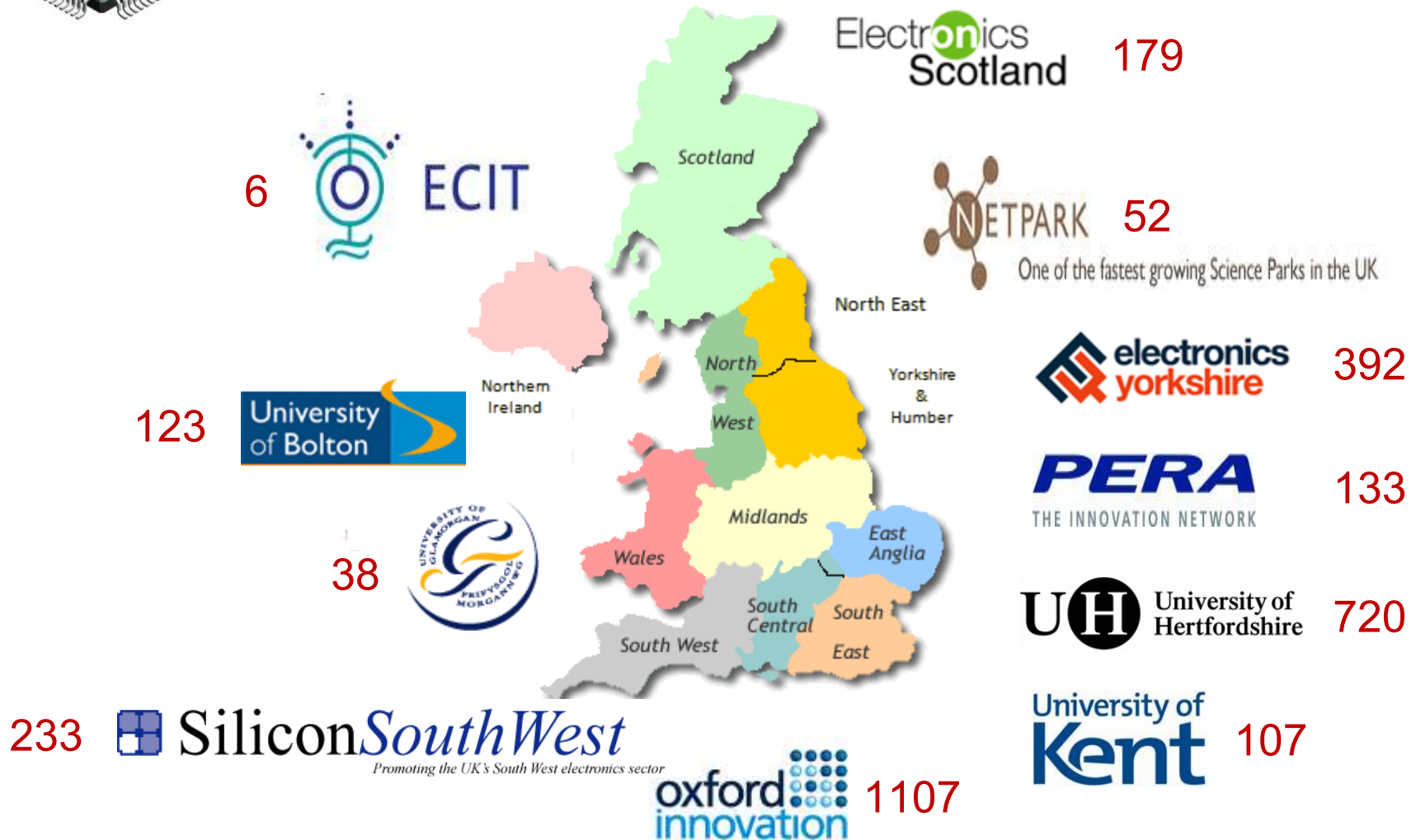


Seminars and Conferences





Two tiers of networking – National & Regional



Regional Partners deliver 3-6 local events each year (in addition to the national events)

7

Electronics KTN – Knowledge For Growth



best practise, design guides

- Design Guides:
 - **EuP compliance, webinars, PDFs**
 - Stand by and Off-mode losses
 - Battery Chargers & External Power Supplies
 - Personal Computers and Monitors
 - Imaging Equipment
 - **Component Obsolescence guides**
 - **Thermal Management**



“new to them” technologies

- RFID applications
- EMC for FD's
- Business brokerage
 - Architects meet electronic design
 - Clinicians meet...etc.
- System in Package design guides



Business Drivers

- Electronic Skills agenda
- Innovation Management Academy
- Electronic Design Leadership Academy
- FundMap
- Capability Directory



INNOVATION

Management Academy



The Programme Objectives

- Designed for companies from the electronics sector who want to:
 - Develop new features, products and services
 - Better identify customer needs
 - Manage their product portfolio
 - Understand how to take their products to market
 - Engage and develop collaborative ventures through external innovation



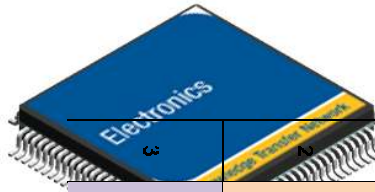
The Participants





The Programme Overview

- Top Level Programme Overview:
 - 4 “Deep Dive” workshops
 - 3 Communities of Practice
 - Weekly Webinars
 - “Ask the Expert” Mentoring
 - Case studies and best practise sessions



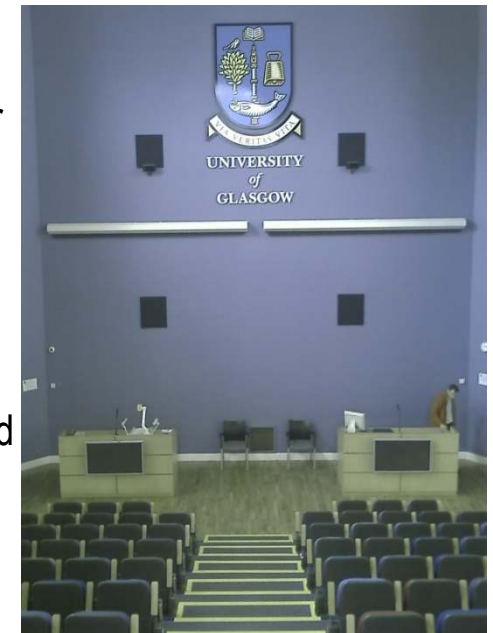
Electronic Design Leadership

			Day
Roland Thewes (Infineon)	Kensall Wise (University Michigan)	Jan Rabaey (Berkeley)	8.00-8.00
Amit Lal (Cornell/DARPA)	Graham Pink (CSR)	Dave Anderson (National Semi)	9.00-10.00
BREAK			
Roland Thewes (Infineon)	Kensall Wise (University Michigan)	Jan Rabaey (Berkeley)	10.30-11.30
3 rd lecture	3 rd lecture	3 rd lecture	11.30-12.30
LUNCH			
Amit Lal (Cornell/DARPA)	Graham Pink (CSR)	Dave Anderson (National Semi)	13.30-14.30
Skills Workshop 3	EVENT (tour of Loch Lomond Shores or Golf etc.)	Skills Workshop 1	14.30-15.30
BREAK		BREAK	
Skills Workshop 4		Skills Workshop 2	16.00-17.00
Dinner (Glasgow University)	Dinner (Cameron House)	Dinner (Glasgow University)	
F1 Cars. Pat Simons	Ken MacAlpine/ Jonathan Ives (Apple)	Mark Selby. (Nokia)	20.00-21.00

- Summer School with Glasgow University, July 27th-29th 2009
- Targeted at 100 “Young Engineers”
- Internationally renowned lecturers
- “Software tools” workshops
- Keynote speakers after dinner
- Day delegate seats available

Topic areas:

- Jan Rabaey, Next Generation Wireless
- Dave Anderson, Next Generation Integrated
- Kensall Wise, Medical Implants
- Roland Thewes, Electronic/Bio interfaces
- Amit Lal, MEMS technologies





Our “on-line” community



**FindEEE
Capability Directory**

**FundMap
Signpost to funding**



**myKT
Web 2.0**

“facebook” for engineers

(members upload content moderated by EKTN)



“myKT” - Key features

www.electronics-ktn.com

Connect with the EKTN community

- Company or Individual search
- By Region or Special Interest
- Publish your profile
- Secure e-mail through the portal

Web 2.0 Features

- Publish content (articles, company news)
- Publish Technology Offers
- Publish Technology Requests
- Ask questions





“myKT” - Key features www.electronics-ktn.com

24 March 2009

Ashley Evans



Knowledge Transfer Networks Accelerating business innovation; a Technology Strategy Board programme

[Fundmap](#) [Capability Directory](#) [Electronics KTN Events](#) [Industry Events](#)

[Home](#) [Electronic Design](#) [RF Technologies](#) [Special Interests](#) [Resources](#) [About Us](#) [In the Regions](#) [Tools](#) [MyKT](#) [Admin](#)

MyKT

- My Recent Articles
- My Recent Tech Offers
- My Recent Tech Requests
- My Recent Questions

KTN Member Directory

Choose how members are displayed: By Company By Surname

Show members only from the following Region:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Welcome to myKT....where you can share knowledge with other EKTN members

Share Articles, News, Information. **Showcase** new technology offers or make technology requests. **Connect** with other EKTN members nationally and in your region. You can choose to publish your Articles on the EKTN homepage, your regional page or your SIG. Edit your account to sign up to any of the Special Interest Groups (SIGS)

	Manage My Profile		Ask A Question
	Publish An Article		Download Documents
	Publish A Tech Offer		Publish A Tech Request

myArticle archive

- ### MyKT Menu
- [Edit My Account](#)
 - [Manage My Profile](#)
 - [Go to My Region](#)
 - [Publish an Article](#)
 - [Ask a Question](#)
 - [Publish a Tech Offer](#)
 - [Publish a Tech Request](#)

Find EEE companies

COMPANY SEARCH



th



FundMap - Key features

www.fundmap.co.uk

Maps across four broad funding categories:

- Research
- Commercialisation
- Product Development
- Company Growth

Filter options to help you to locate the type of funding you are looking for.

- Regional
- Market
- Type of funding
- Company development stage





FindEEE – Capability Directory

<http://capdir.electronics-ktn.co.uk/capdir/>

Promote your company's Capability:

- Value Chain
- Technology
- Product
- Market

Search for Collaborative Partners.

- Regional / Post code / Proximity
- AND / OR logic search



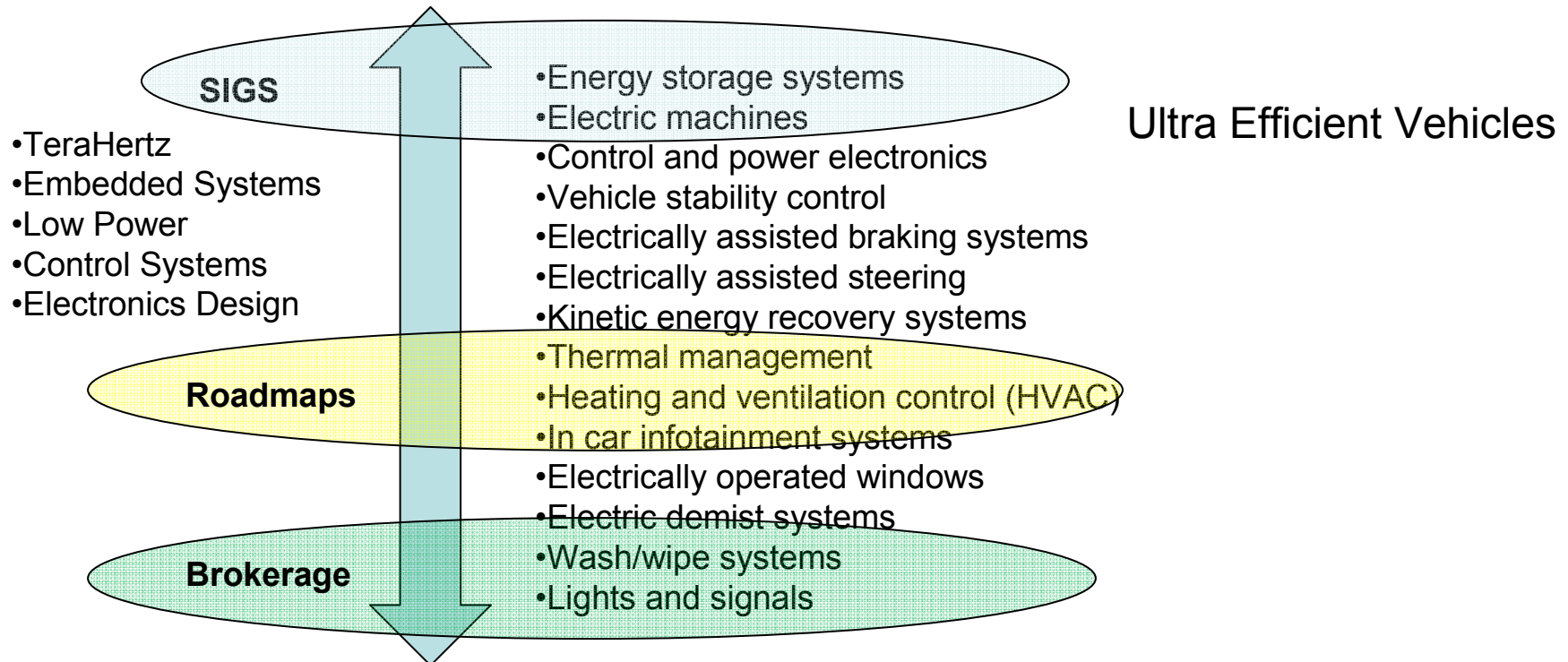


The Technology Strategy Board Innovation Platforms

Supply Side Themes

Industry Centric Themes

Demand Side Themes





The future

- Technology KTN convergence
- 5 into 1, starts July 2010, ESP KTN
- Up to a 40% budget cut - £3.9m to £2.39m pa
- Greater focus on cross thematic, challenge led programmes
- All stakeholder, “drains up” meeting, July 16th

Technology
Strategy Board

learn
promote **invent**
network
internationalise
collaborate



Electronics KTN
...knowledge for growth

Thank You!



Register at www.electronics-ktn.com



learn
promote **invent**
network
internationalise
collaborate