

Corporate Policy Overview and Scrutiny Committee

ICT Strategy

8 April 2010

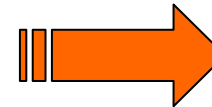
ICT Strategy



'What'

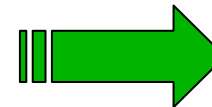
'How'

Community Outcomes
Use of ICT to support and Vision for
Kent and improve prosperity



Broadband delivery

Public Service
Development of shared ICT
services across the public sector



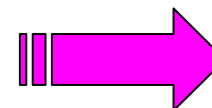
*Multi agency
solutions*

The Council
Provision of ICT Infrastructure to
underpin transformation

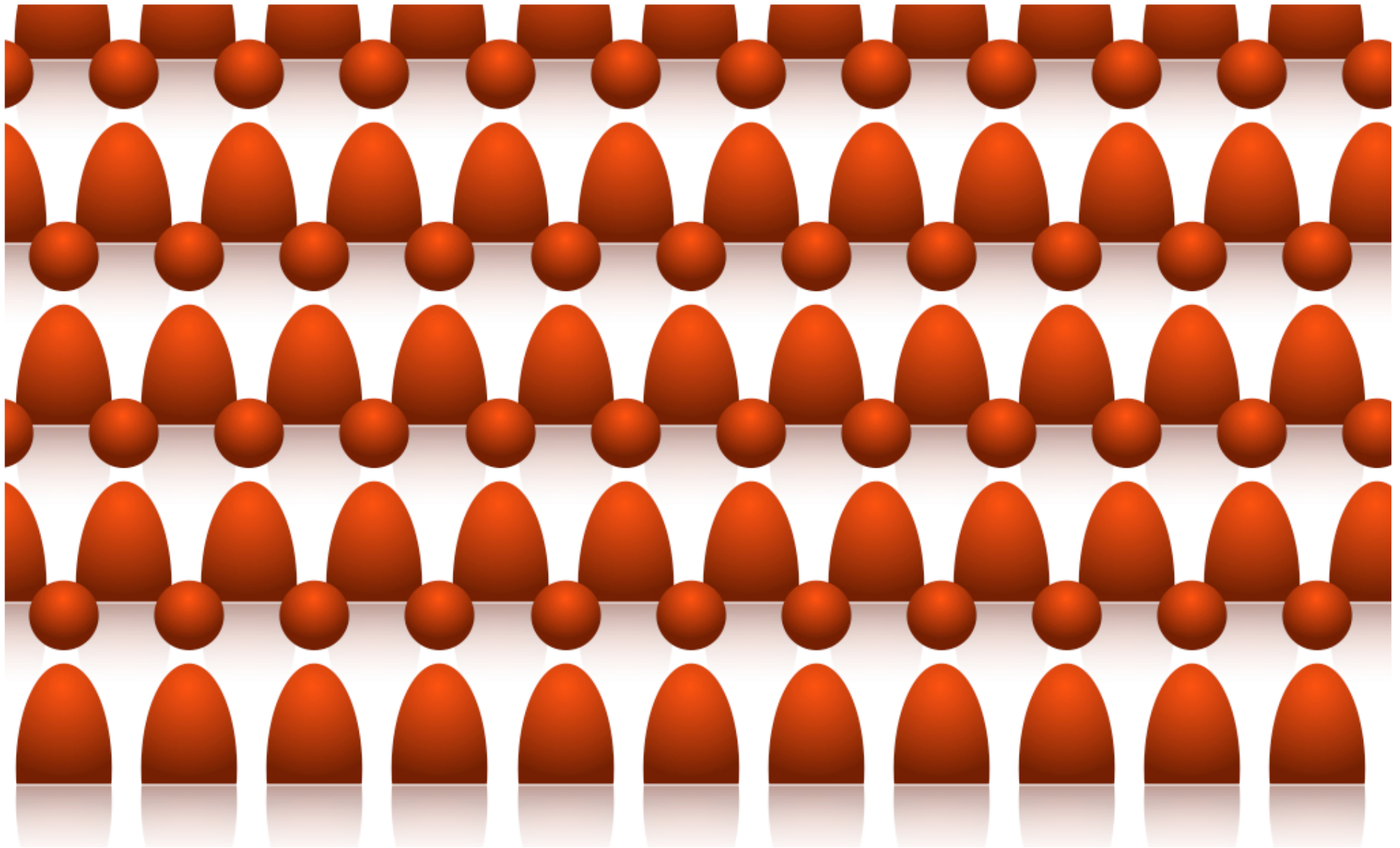


*Sustainable, value
for money ICT*

Business Direction
Application of private sector best
practice to deliver effective
ICT services



*Continuous
Improvement*



**Over 25% of the world's 6.7 billion population
now use the internet**



1,400,000 UK pupils have their own web page.
Over 50% of 5-9 year olds have mobile phones, nearly 100% of over 9s

Digital Challenge



Whether self employed or employing people the challenge is the same:

- **Digital technologies are a key component of future growth and prosperity and the transformation and continued modernisation of public services**
- **The infrastructure proposed by Digital Britain (DB) fails to address the requirements of non metropolitan areas – which will disadvantage Kent**
- **If targets for broadband capacity set by DB are not significantly increased and achieved, then the UK's ranking based on planned investment will slip further**

**The UK ranks
25th in the world**

**in broadband
Internet
availability**



Broadband Leadership Survey 2009

Rank	Country
1	S. Korea
2	Japan
3	Hong Kong
4	Sweden
5	Switzerland
6	Netherlands
7	Singapore
8	Luxembourg
9	Denmark
10	Norway
11	Malta
12	Iceland
13	Australia
14	Lithuania
15	United States
16	Ireland
17	Canada
18	France
19	Estonia
20	Belgium

Rank	Country
21	Finland
22	Slovenia
23	Taiwan
24	Latvia
25	United Kingdom
26	Bahrain
27	Germany
28	Cyprus
29	Czech Republic
30	UAE
31	Romania
32	New Zealand
33	Spain
34	Bulgaria
35	Qatar
36	Austria
37	Portugal
38	Italy
39	Greece
40	Hungary

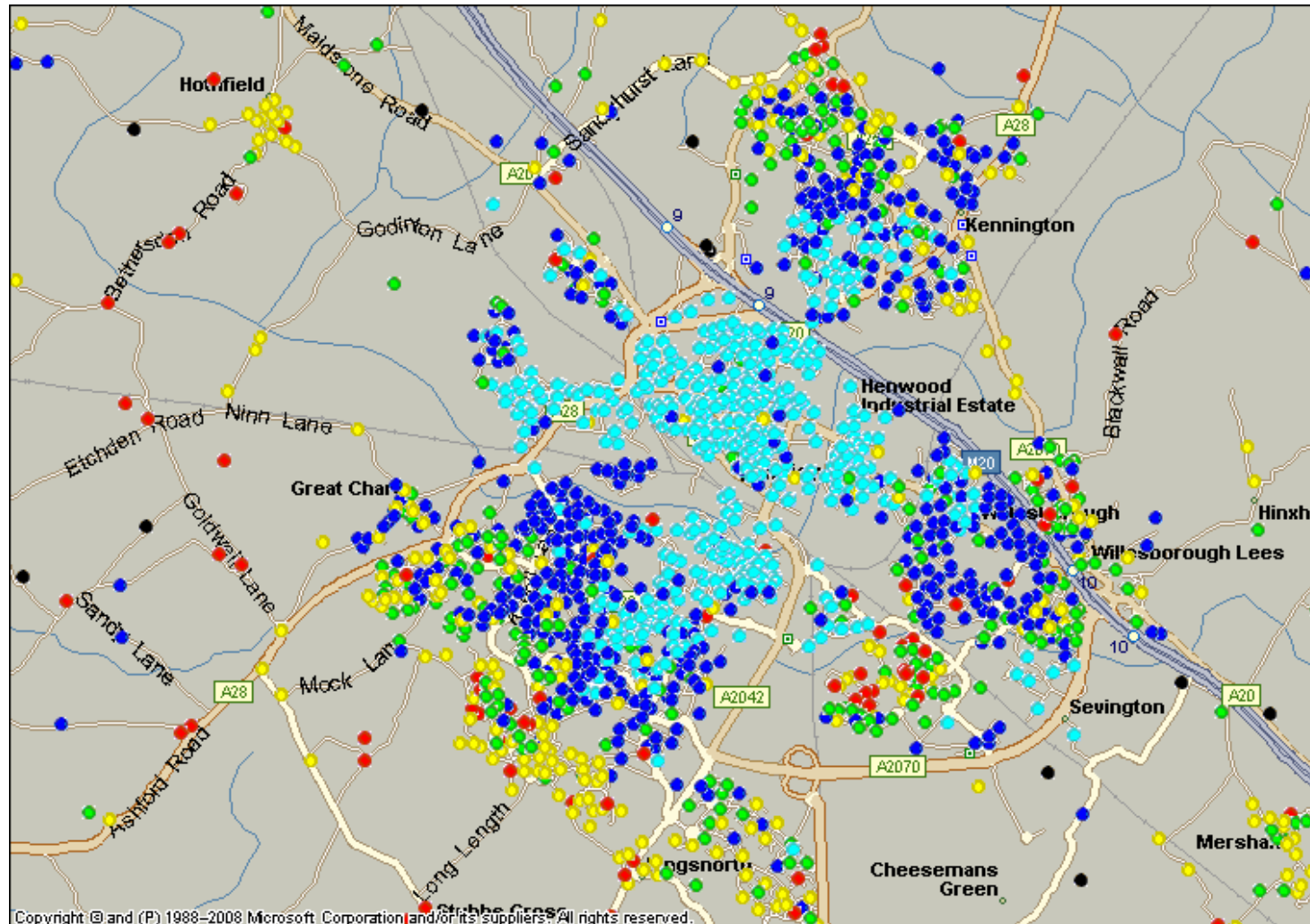
**Full
implementation
of Digital
Britain would
NOT alter the
UK's ranking**

**South Koreans
pay less for
100mbps than
we do for
2mbps**

Broadband Concerns for Kent:

- **2 mbps for all properties being delivered in Kent only as a consequence of the action being taken by the council**
- **75% = 100% metropolitan coverage but only 60% in shire counties**
- **2017 broadband target only delivers 50% of capacity already achieved in S. Korea by 2009**
- **Telecommunications investment in Kent is focused on the 19 largest exchanges – there are 135 in total**
- **Identified public funding for 'rural broadband' across the UK is less than the amount required to address the shortfall in Kent**

ADSL Speeds in Ashford Town, October 2009

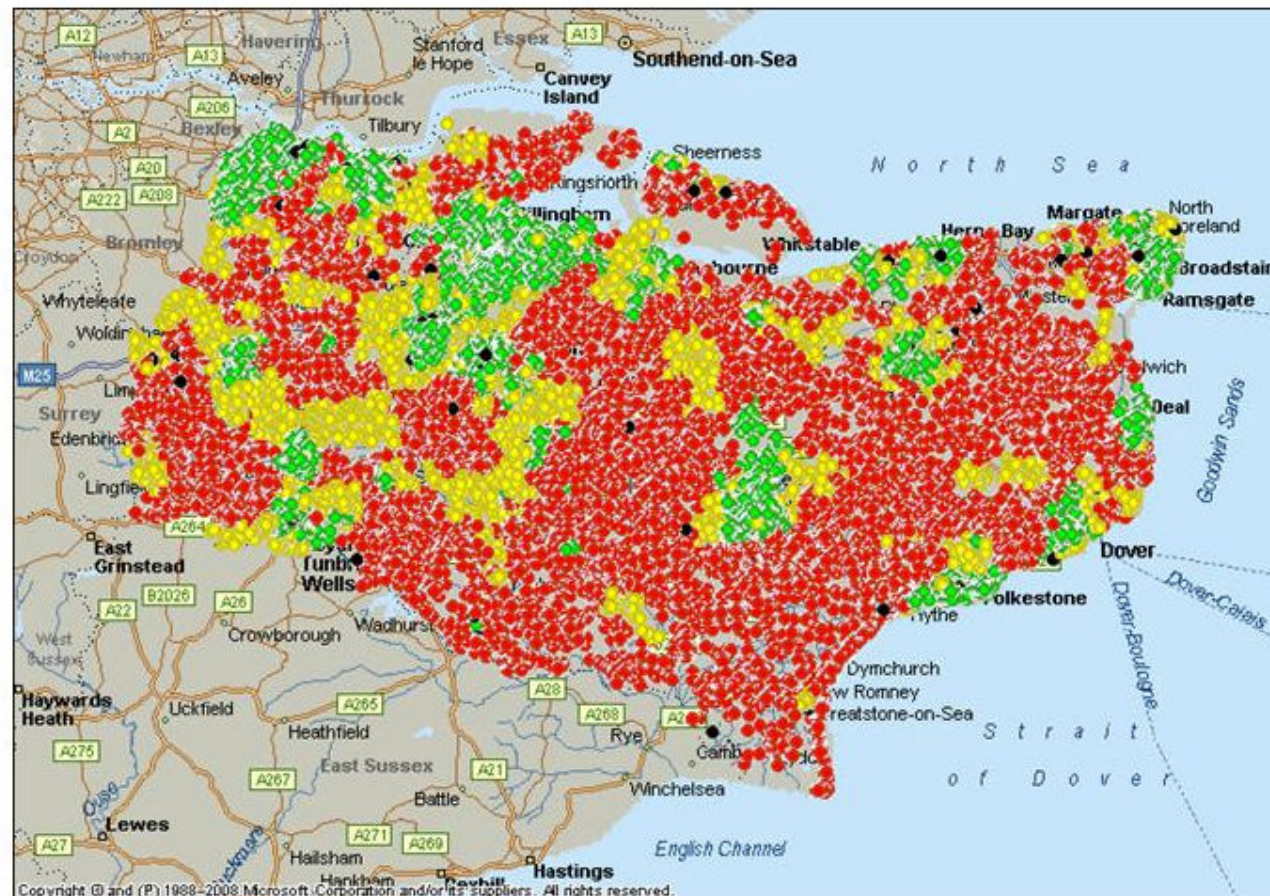


ADSL Speeds in Ashford

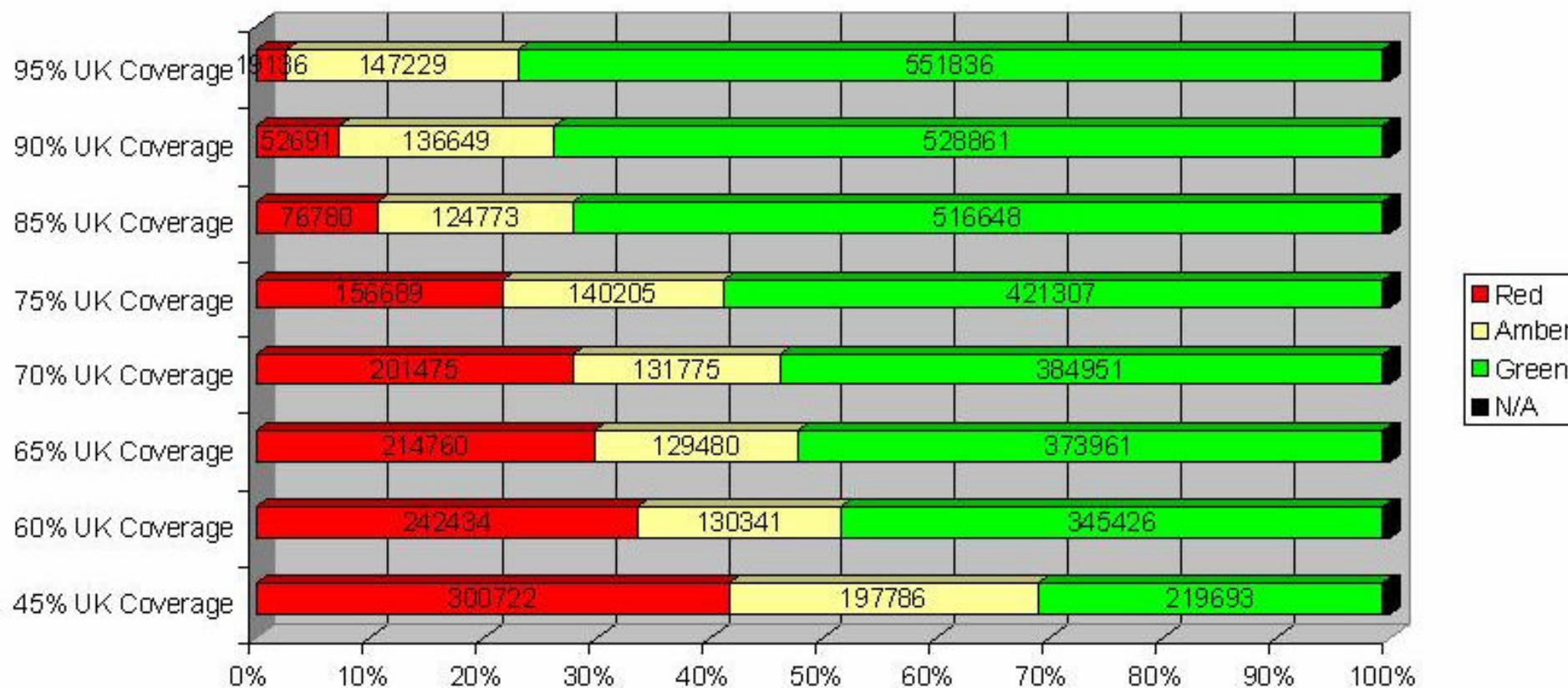
- 4.5 to 8 Mbps ●
- 2.5 to 4 Mbps ●
- 1 to 2 Mbps ●
- 250-500 kbps ●
- Out of Range ●
- No Data Available ●

Each dot represents a postcode that typically contains 10-15 properties

75% UK Coverage



Risk of Missing Out on NGA at Various Market Coverages (Total Kent Households)



Digital Strategy



What:

“Unlimited broadband available to every property in Kent and wireless services accessible in all public areas”

How:

- Encourage and Facilitate Private Sector Investment
 - New services new opportunity
 - Investment in remote working solutions
 - Software as a service

- Reduce Investment Costs
 - Data Over Power
 - Coordinated Infrastructure Works
 - Wireless & Satellite
 - Sewage Networks

- Public Infrastructure
 - Purchasing Capacity
 - Grant Funding
 - Lobbying
 - Network Architectures and Open Access