



The Bigger Picture: *CfH* in the context of other national and international health IT programmes

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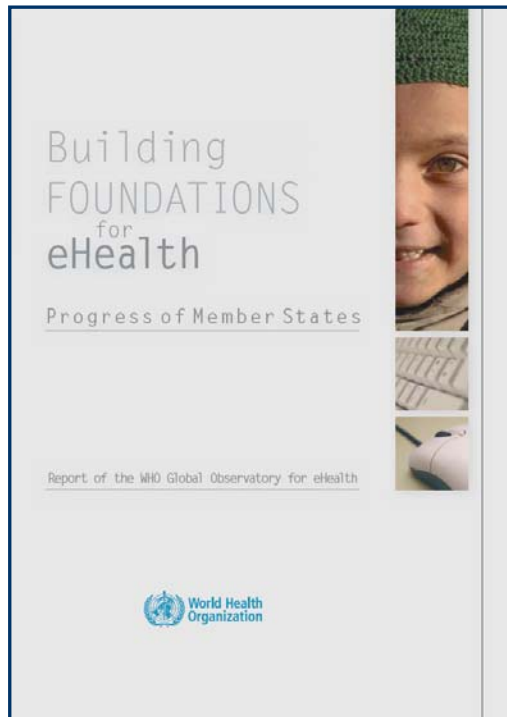
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contents

- **introduction: health IT around the world**
- **what's happening in:**
 - USA
 - Canada
 - Australia
 - France
 - Germany
- **focus on the UK:**
 - Wales
 - Scotland
 - Northern Ireland
- **other English health IT programmes:**
 - Independent Sector Diagnostics
 - Preventative Technologies Grant
 - Defence Medical Information Capability Programme
 - Commissioning Services Framework
- **conclusions: healthcare in 2010**

introduction: health IT around the world



- approximately 50% of WHO members have established some form of governance for e-health
- highest rate of adoption is of information policy, then e-Government... and then thirdly e-health
- public funding is principle means of support for e-health programmes
- procurement policies recognised as most effective mechanism for maximising ICT purchasing budgets
- public-private partnerships seen as important and projected to grow substantially
- adoption of e-health policies is relatively high, but adoption of citizen-centred policies (eg, on privacy and data use or multilingual access) are comparatively low
- industrialised countries are much further advanced in the adoption of standards and interoperability than developing countries

introduction: health IT around the world

Adoption of eHealth policy by participating WHO Member States

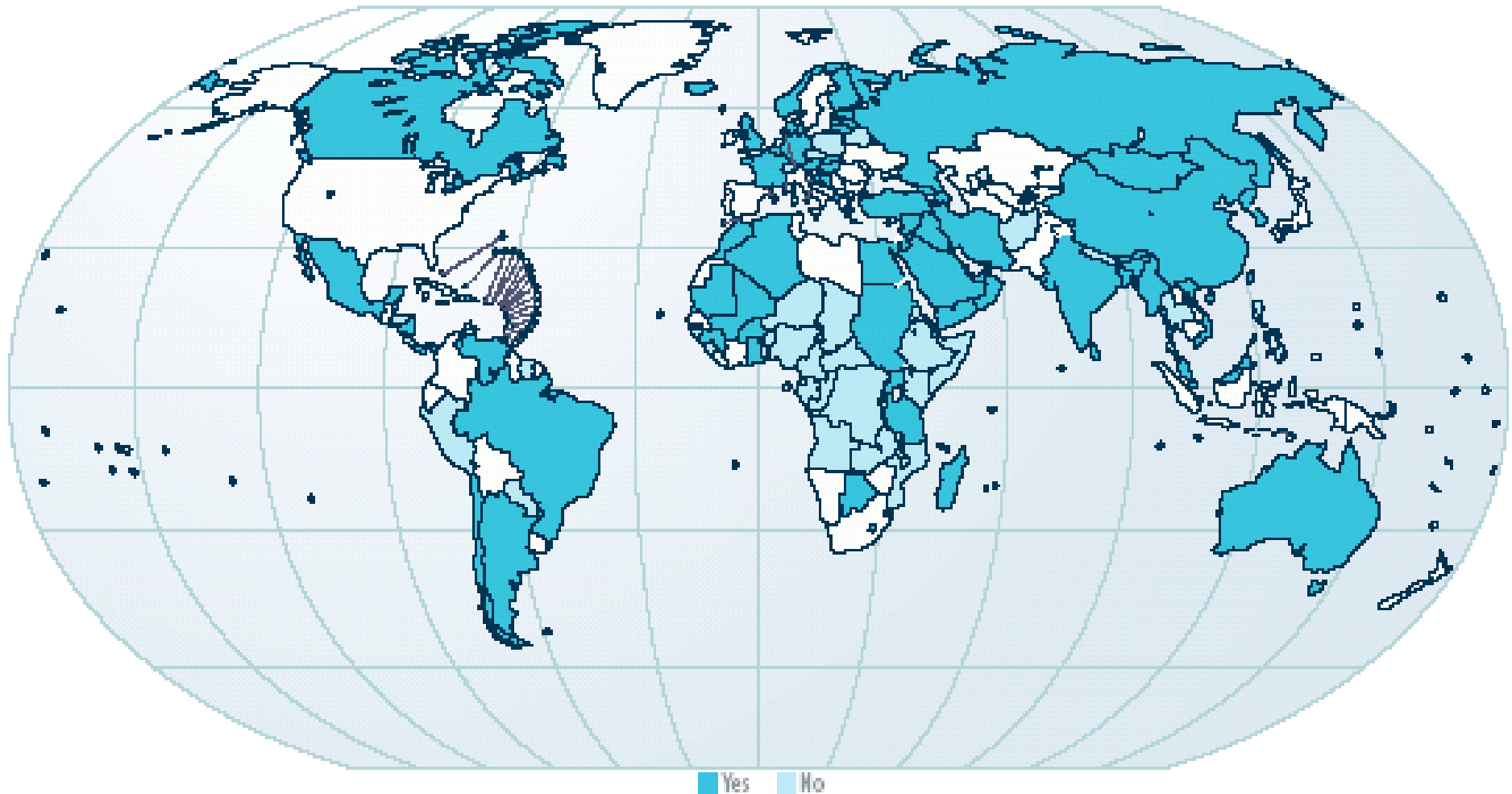
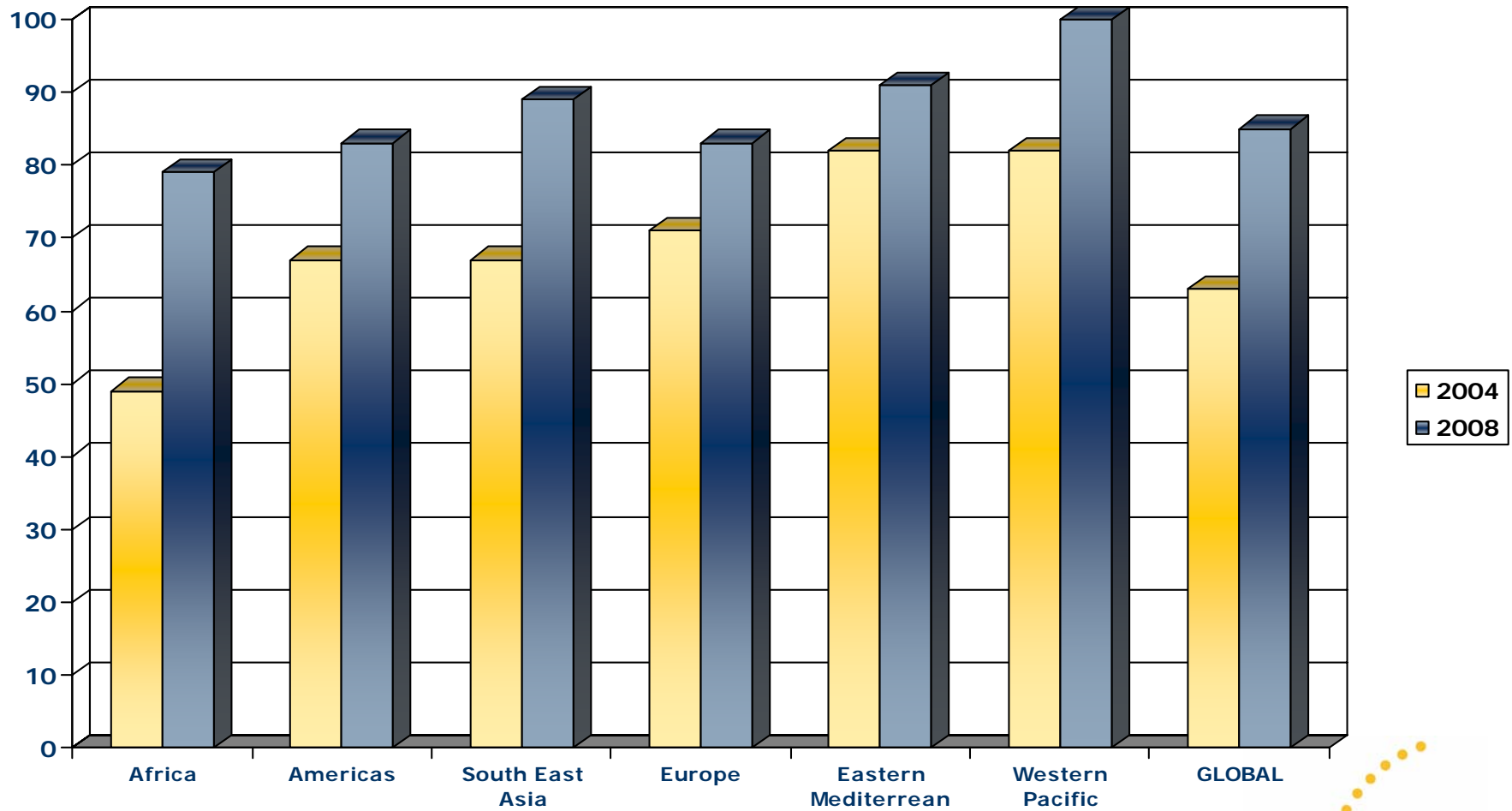


Figure 12. Adoption of eHealth policy by participating WHO Member States

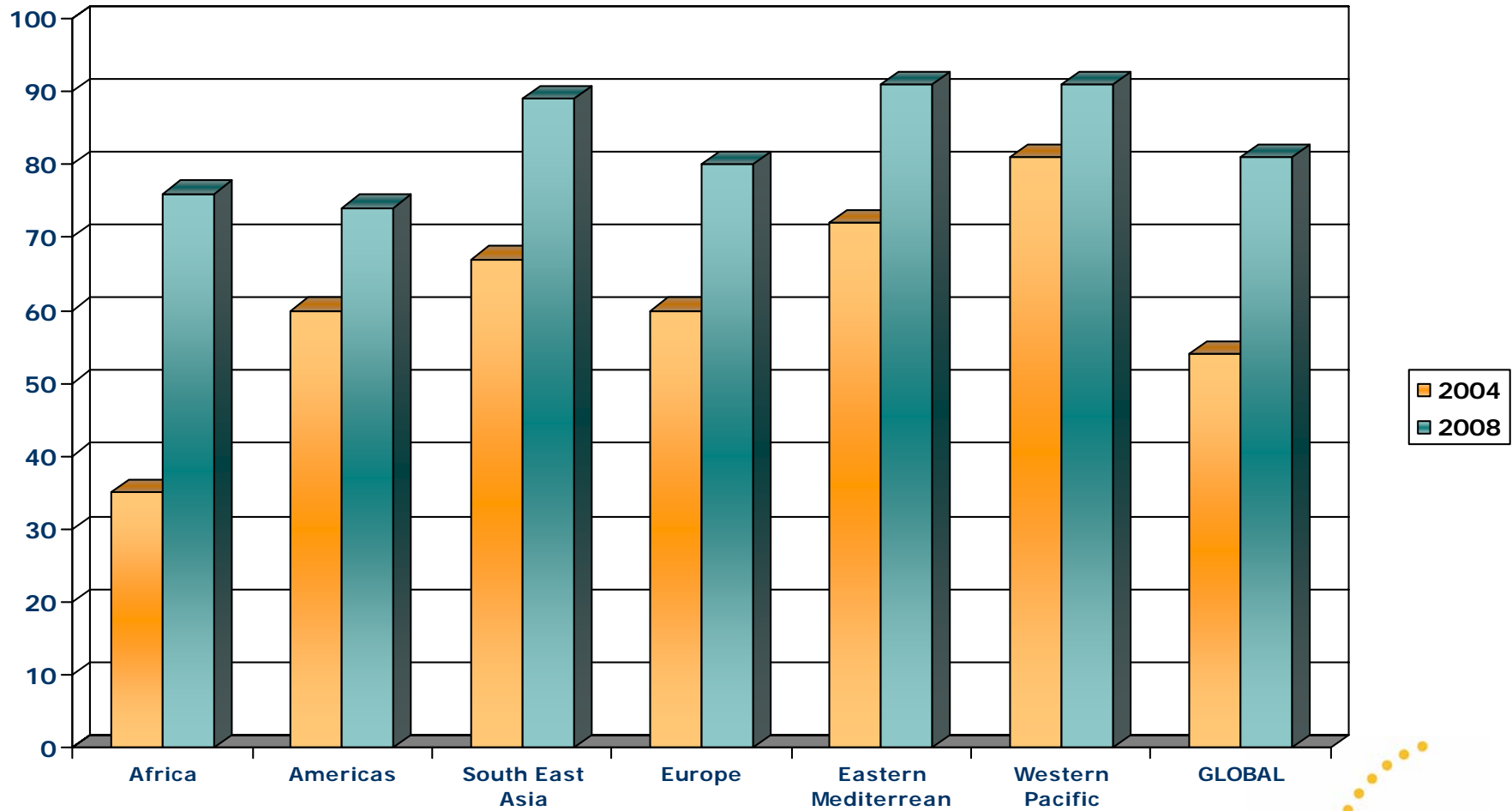
introduction: health IT around the world

National e-Health Strategy



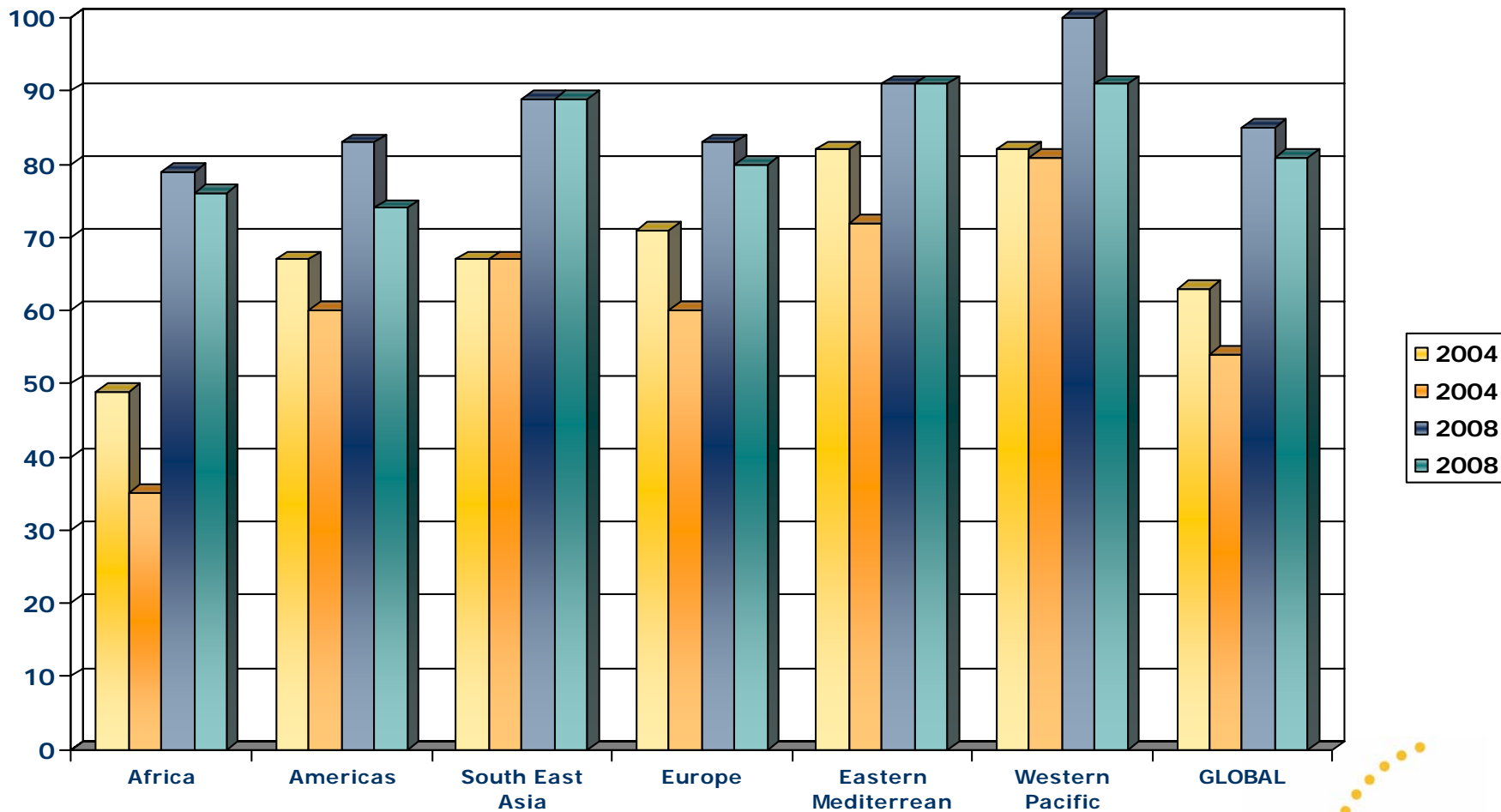
introduction: health IT around the world

National Plan for Health IT Deployment



introduction: health IT around the world

National e-Health Strategy / National Plan for Health IT Deployment



what's happening in: USA

- complex mixture of public and private providers making a single health IT programme impossible
- health IT promoted through legislative and administrative actions at both Federal and state level
- 2007 Federal Budget promotes health IT through:
 - \$116m for an Office of the National Co-ordinator for Health Information Technology (NCHIT) to address barriers to adoption
 - \$50m to extend State contract work for health IT demonstrations
 - \$3.5m for tracking and analysing health IT adoption rates
- American Health Information Community (AHIC) is a 17-member advisory commission on health IT
- Agency for HealthCare Research and Quality (AHRQ) is running a \$139m programme to drive the adoption of health IT



what's happening in: Canada



- active in the promotion of health IT since 1997
- incremental process characterised by collaborative federal activity with provinces and territories, as well as with other stakeholders
- Canada Health Inforoute – since 2001, over 100 projects to deliver EHR solutions for Canadians (goal is to cover 50% of the country by 2009)
- works as a strategic investor with public sector partners through nine investment programmes covering:
 - registries
 - laboratory information systems
 - interoperable EHR systems
 - diagnostic imaging
 - telehealth
 - innovation and adoption
 - drug information systems
 - public health surveillance
 - infrastructure

what's happening in: Australia

- **National e-Health Transition Authority (NEHTA)** is a not-for-profit company established by the Australian, state and territory governments to develop better ways of electronically collecting and securely exchanging health information
- **NEHTA sets standards, specifications and infrastructure requirements for secure, interoperable electronic health information systems covering:**
 - e-health interoperability
 - clinical communications
 - unique healthcare identification
 - identity management
 - secure messaging
 - business care for shared EHR by 2008
 - supply chain
 - engagement and adoption
- **Consumers' Health Forum provides consultation with users**



nehta

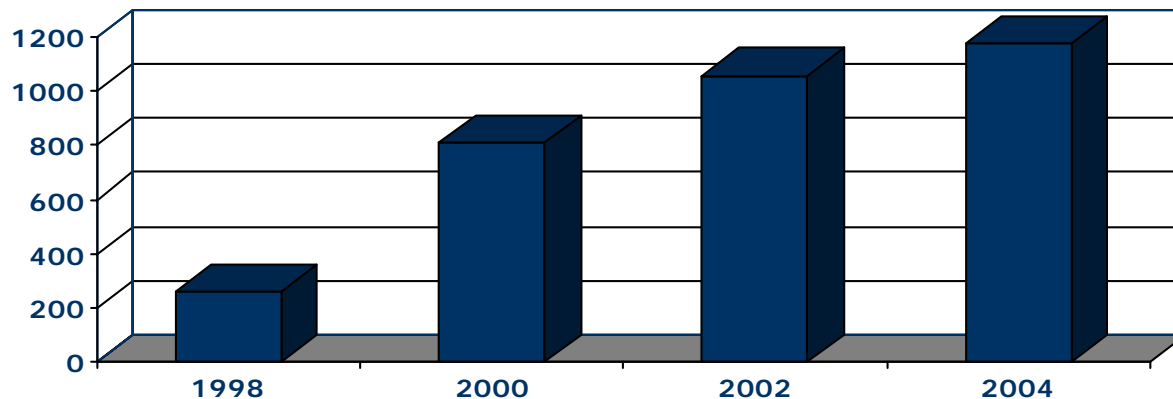
what's happening in: France



- multiple actors with a high degree of autonomy, meaning much e-health development takes place at a regional level
- SESAM-Vitale medical insurance card and Carte Professionnel de Santé are most significant achievements to date
- Loi n° 2004/810 sur l'Assurance Maladie (13/8/04):
 - Art 32 - medical procedures
 - Art 33 - integration to RHO schemes
 - Art 34 - medical prescription through e-mail
 - Art 67 - e-health is part of regional healthcare duties



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what's happening in: Germany

- 16 federal states, 300 regional districts and 13,000 local governments – much duplication of effort
- as in France, health insurance cards are major focus for implementation of EHRs
- spending on EHRs totalled \$97.4 million in 2005 – expected to reach \$392.8 million by 2010 (Datamonitor)



focus on the UK: Wales

Informing Healthcare:

- a series of healthcare service improvement projects designed to bring about incremental implementation of IT
- £16.5m invested in 2006 – 77% through local organisations
- ‘All Wales’ National Programme Team recruited
- Planning and deliver work in support of the Programme:
 - creation of an individual health record
 - support the clinician and the patient
 - national network to support care delivery
- 16 ongoing projects ranging from clinical pathways (implementation of Map of Medicine) through to ‘My Health Online’ and sharing information on diabetes patients



Informing Healthcare
Hysbysu Gofal Iechyd



focus on the UK: Scotland

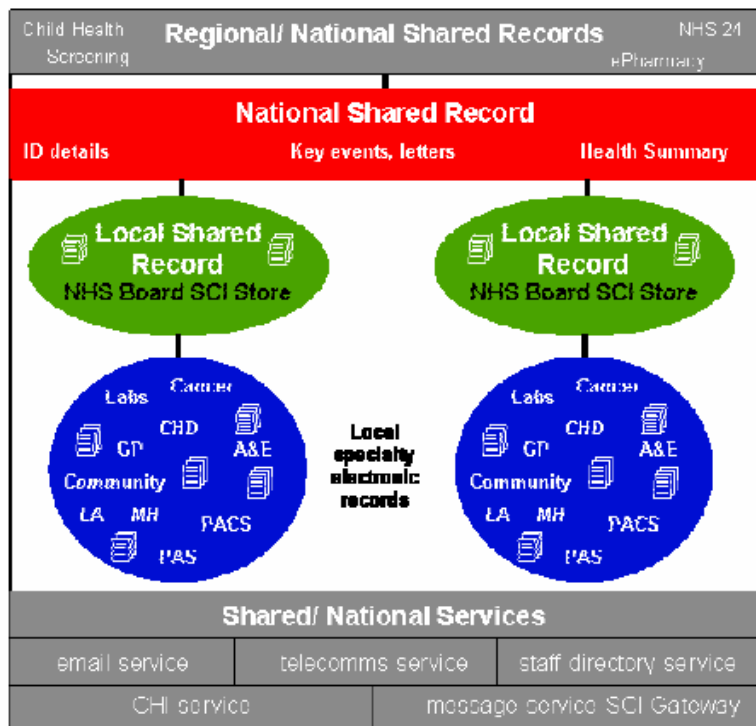


National e-Health/IM&T Strategy 2004-2008:

- Local IM&T plans of each Scottish NHS Board must reflect national strategy

Shared Care Records integrate information at four key levels:

- local GP / specialty
- Local Integrated Care Record
- National Integrated Care Record
- agreed protocols for inter-agency sharing



Building a Health Service Fit For the Future: A National Framework for Service Change in the NHS in Scotland (May 2005)

Scottish Centre for Telehealth



focus on the UK: Northern Ireland



Department of
**Health, Social Services
and Public Safety**

An Roinn
**Sláinte, Seirbhísí Sóisialta
agus Sábháilteachta Poiblí**

www.dhsspsni.gov.uk

- **Health minister Paul Goggins announced in December that £1m would be invested in telemedicine and telehealth**
- **High level ICT strategy was published in March 2005:**
 - **EHRs part of a 'Person-centred Community Information System (PCIS)**
 - **ICT modernisation in GP practices**
 - **NIPACS**
 - **e-Prescribing**
 - **infrastructure**
- **NI Investment Strategy has earmarked £95m over next 10 years**

Independent Sector Diagnostics



Independent Sector Procurement Programme (ISPP):

- **£1 billion being spent over next 5 years on:**
 - **imaging**
 - **physiological measurement**
 - **endoscopy**
 - **pathology**
- **'Preferred' Bidders appointed for up to seven regions**
- **Two regions created in separate PET/CT procurement:**
 - **North: Alliance**
 - **South: InHealth**

Preventative Technology Grant

- announced by Health Minister in July 2005
- £80m available over two years (2006 – 2008) to enable local authorities to begin investing in telecare and telehealth
- Intention that by March 2008 up to 200,000 vulnerable people will be benefiting
- Backed up by NHS PASA National Framework Agreement for telecare – 15 suppliers
- Forthcoming 'Whole Systems Long Term Conditions' demonstrator programme may see up to £30m invested in three separate sites covering a population base of up to 1 million people
- Datamonitor, a consultancy, estimates telehealth market worth £12m in 2006, will rise to £146m by 2010



Defence Medical Information Capability Programme



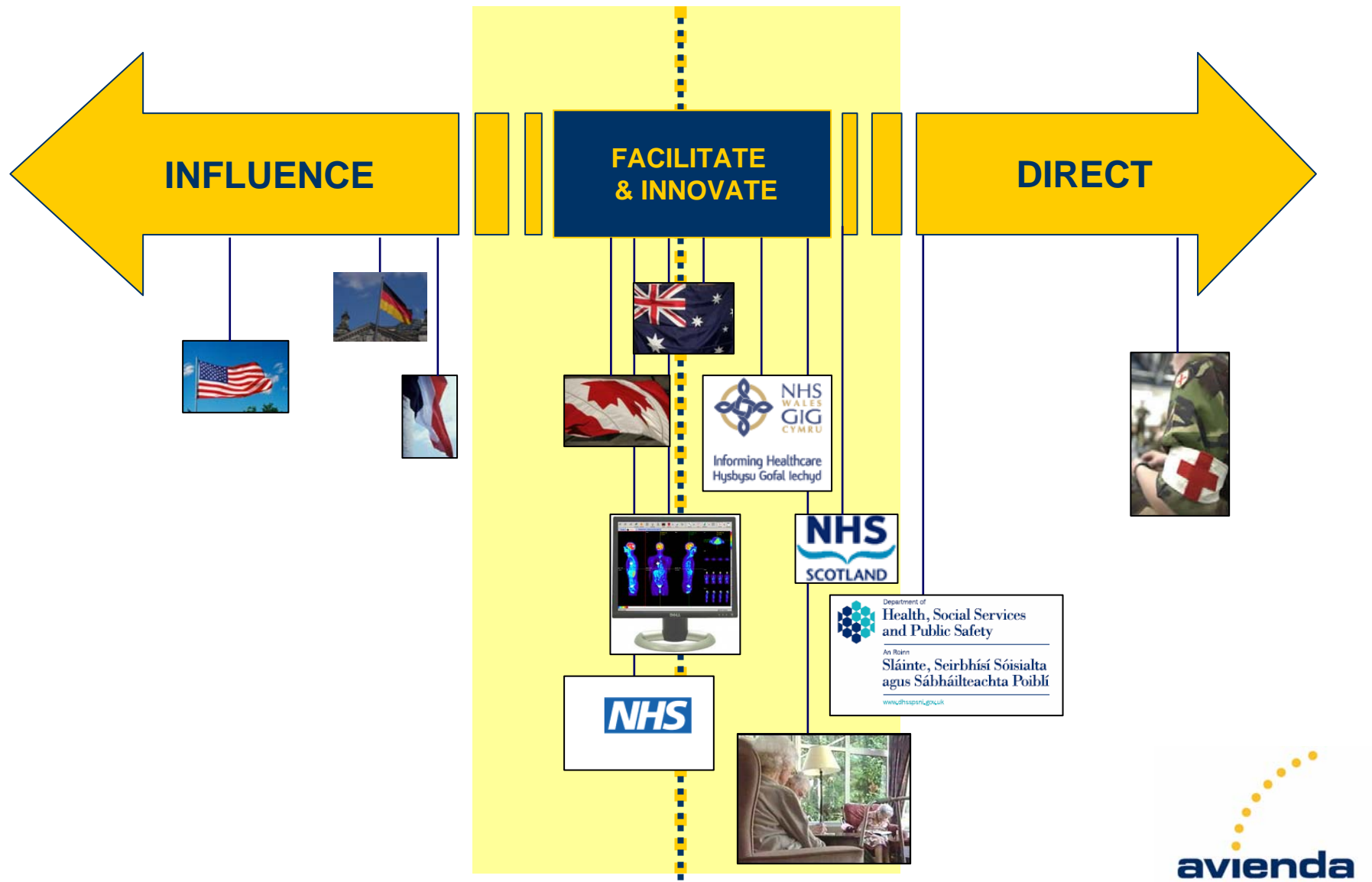
- open competition between two preferred bidders – IBM and LogicaCMG
- LogicaCMG awarded contract in April 2006
- ten year, £100m programme
- Integrated Health Record (iHR) for deployed, primary, and secondary care
- Interfaces with NHS *CfH* and military command and control systems
- will include clinical knowledge management tools
- world-wide access for Defence Medical Services

Commissioning Services Framework

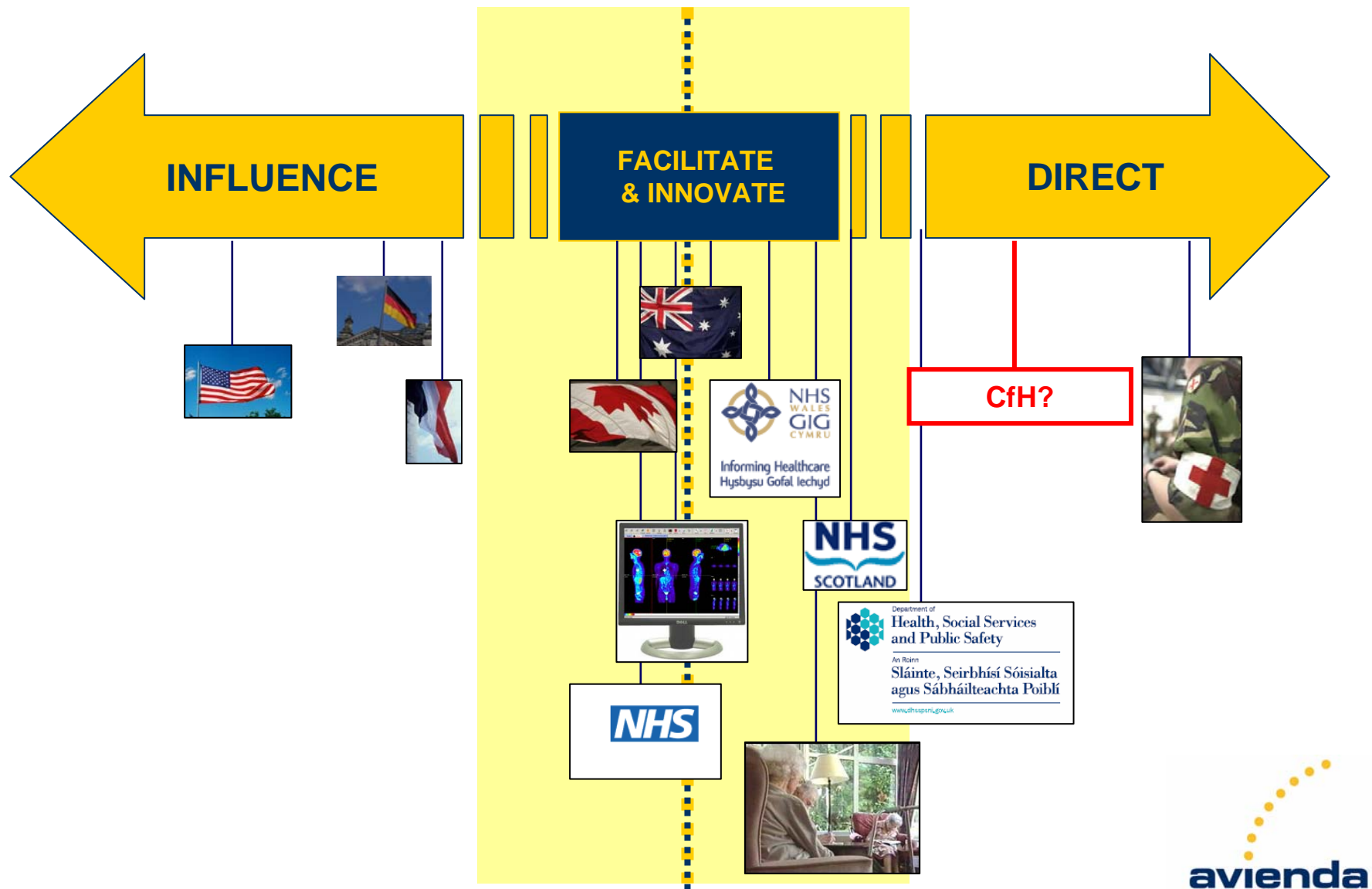


- will make management and support services available to Primary Care Trusts in England, helping them to deliver their commissioning obligations
- is for local PCTs to decide if and how much additional specialist support they require on a 'call-off' basis
- Bidders are being invited to propose innovative solutions that will support the four key commissioning activities across all service sectors:
 - assessment and planning of health needs
 - contracting and procurement
 - performance management, settlement and review
 - patient and public engagement

conclusions: healthcare in 2010



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