

PERSPECTIVE ON CONNECTED HEALTH



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

www.dhsspsni.gov.uk

AN ROINN

**Sláinte, Seirbhísí Sóisialta
agus Sábháilteachta Poiblí**

MÁNNYSTRIE O

**Poustie, Resydènter Heisin
an Fowk Siccar**

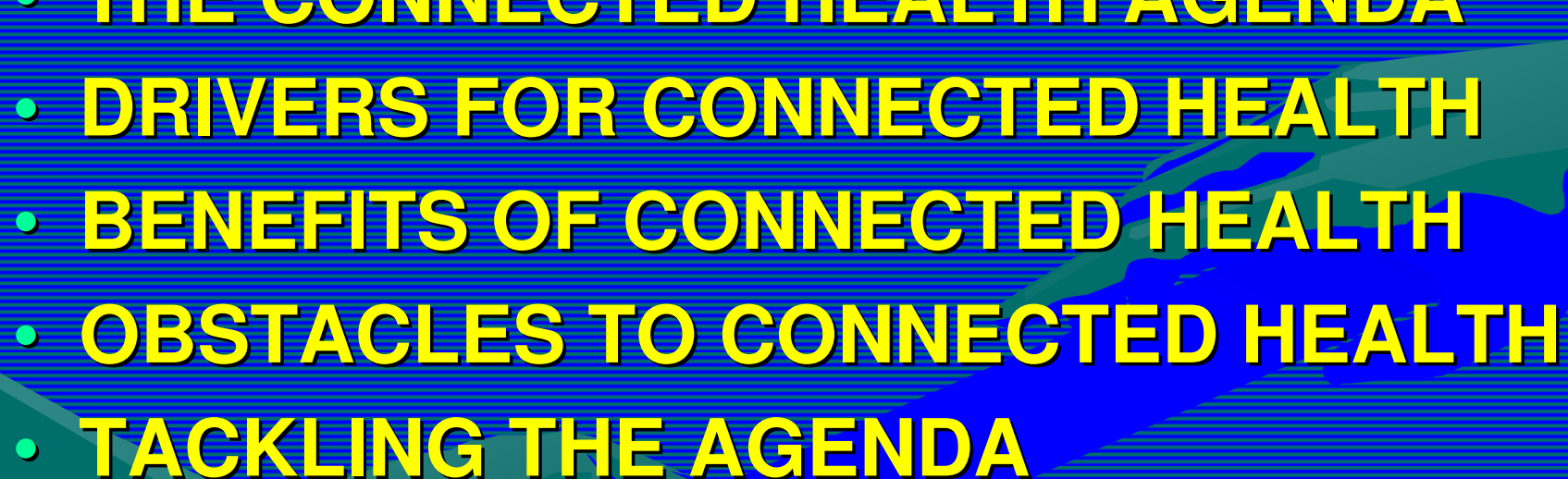
European Centre for



ANDREW HAMILTON

31 MARCH 2008

PERSPECTIVES ON CONNECTED HEALTH

- **THE CONNECTED HEALTH AGENDA**
 - **DRIVERS FOR CONNECTED HEALTH**
 - **BENEFITS OF CONNECTED HEALTH**
 - **OBSTACLES TO CONNECTED HEALTH**
 - **TACKLING THE AGENDA**
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THE CONNECTED HEALTH AGENDA

E-Health can thus be said to cover the interaction between patients and health service providers, institution-to-institution transmission of data, or peer-to-peer communication between patients and/or health professionals. It can also include health information networks, electronic health records, telemedicine services and personal wearable and portable communicable systems for monitoring and supporting patients.



*Accelerating the development
of the e-health market in Europe
European Commission*

THE CONNECTED HEALTH AGENDA

- Connecting People
- Connecting Clinicians
- Connecting Networks and Teams
- Connecting Organisations
- Connecting Providers and Users



DRIVERS FOR CONNECTED HEALTH

- Aging Europe
- Changing patterns of disease and medicine
- Increasing complexity of treatments and case mix
- Increasing workload
- Shortages in qualified staff
- Increasing expectations
- Patient empowerment
- The efficiency agenda
- The quality agenda
- Societal trends
- Political commitment



THE EC POSITION

“The way healthcare is presently delivered has to be deeply reformed. The situation is becoming unsustainable and will only worsen in the future as chronic diseases and the demographics change place additional strains on healthcare systems around Europe.”

The EC calls for

“a new healthcare delivery model based on preventative and person-centred health systems. This new model can only be achieved through better use of ICT in combination with appropriate organisational change and skills.”

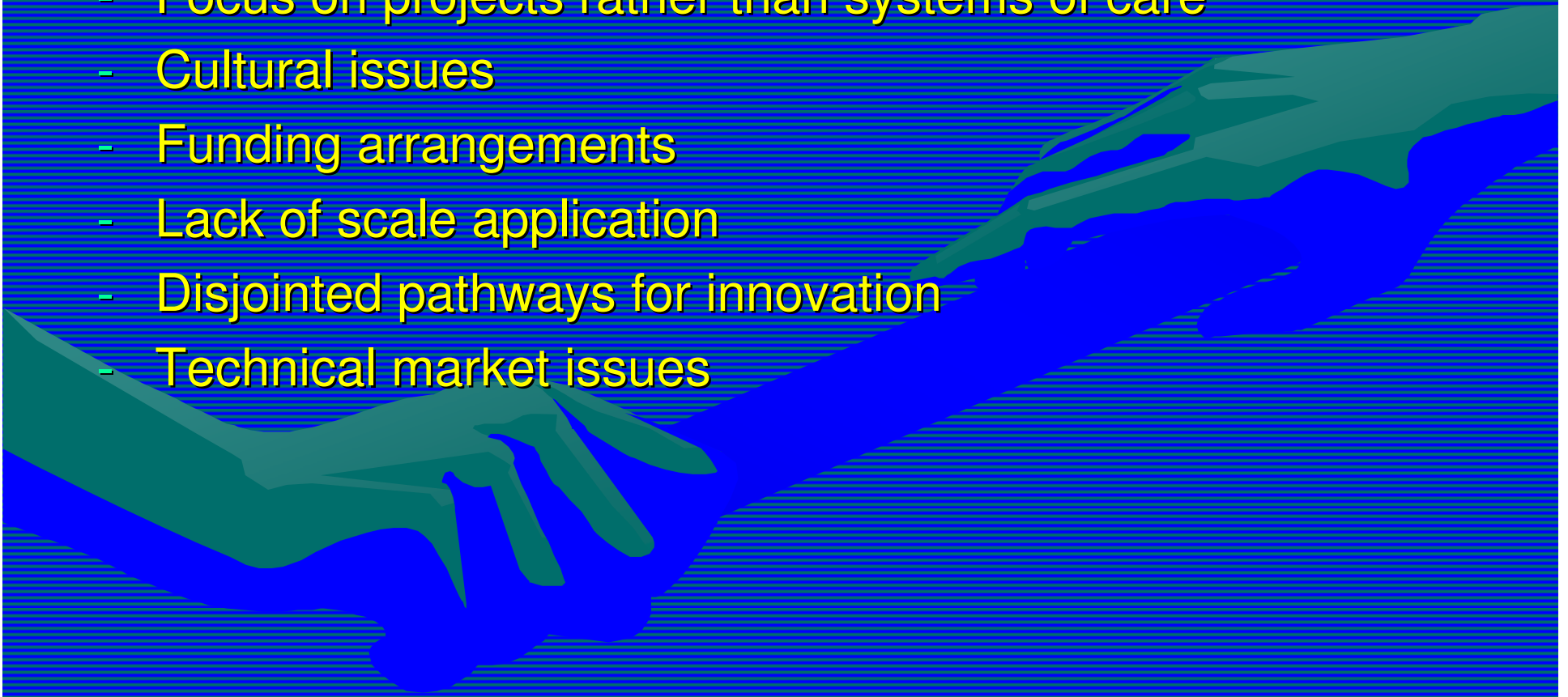
BENEFITS OF CONNECTED HEALTH

- Improved quality
- Improved efficiency
- Increased economic activity
- Enhanced social cohesion
- More engaged service users
- Better, more complete, more consistent information to support diagnosis and care



OBSTACLES TO CONNECTED HEALTH

- Fragmentation
- Focus on projects rather than systems of care
- Cultural issues
- Funding arrangements
- Lack of scale application
- Disjointed pathways for innovation
- Technical market issues



TACKLING THE CONNECTED HEALTH AGENDA: The Role of European Centre for Connected Health

LEADERSHIP AND
CO-ORDINATION



PROMOTING LINKAGES
AND ECONOMIC ACITIVITY

STRATEGIC DESIGN OF
SYSTEMS OF CARE

LEADERSHIP AND CO-ORDINATION

- Presenting and Projecting the NI experience to international audiences
- Developing NI as an exemplar population
- Working with EU in their e-health lead market initiative
- Promoting links with the USA and European partners and stakeholders
- Improving knowledge management



STRATEGIC DESIGN OF SYSTEMS OF CARE

- 5000 Patients on remote monitoring by 2011
 - Heart failure, COPD, Diabetes
- NIPACS
- Teleneurology
- Other Areas – Palliative Care? Cancer? Early discharge
Nursing homes?
- Assistive Technology in Social Care
- Review of ICT Infrastructure
- Electronic Care Record
- Portable Wireless Communication Devices
- Connected Health Strategy by December 2008

PROMOTING INNOVATION AND ECONOMIC ACTIVITY

- Forge strong links with University and Business Sectors
- Work with Stakeholders to streamline pathways for innovation
- Identify, protect and secure benefit from intellectual property rights associated with HSC products and processes
- Connect innovators with customers
- Securing a paradigm shift in culture and attitude towards health spend

A DATE FOR YOUR DIARIES

CONNECTED HEALTH EXPO

WHEN?

7th MAY 2008

WHERE?

**RAMADA HOTEL,
BELFAST**





**OUR GREATEST RESPONSIBILITY
IS TO BE GOOD ANCESTORS**

JONAS SALK