



EuHPN 2012 Workshop

The Future for Strategic Planning of Healthcare Infrastructure

22-24 October

Danish Architecture Centre, Copenhagen

This year the annual EuHPN Workshop will be returning to the theme of strategic planning of healthcare infrastructure.

As public finances tighten, many European states are looking to devolve responsibility for decisions about, and operation of, healthcare infrastructure. In some cases governments have opted for a market-driven solution, with private companies or public-private partnerships invited to redesign services and to re-assess the provision, capacity and location of hospitals and primary/community care buildings. But this trend is not universal – some countries and regions have chosen to retain public control over some or all of the strategic planning functions linked to the health estate and service development.

The 2012 workshop will examine the spectrum of strategic planning models in place across Europe, through critical synthesis of European trends, thematic analysis and case study presentations. We will be looking to explore some key questions, such as:

- What are the key pressures – economic, environmental, clinical, social and political – that will drive future strategic planning of healthcare infrastructure? Can Europe countries collaborate and learn from each other to find the optimum solutions?
- What does financial austerity mean for healthcare infrastructure planning? How will health systems respond, and what tools can they use?
- What will be the role of new technologies – can they come to the rescue?
- Does the private sector do it better? Is there evidence that the market-driven approach leads to more efficient healthcare buildings, more closely attuned to service models and better designed to meet future needs?
- Is there still a place for national or regional planning strategies for healthcare infrastructure, or should we leave this to market forces?
- In a more patient-centred healthcare system, how can patients and carers really influence strategic planning decisions?
- How can we judge the success or failure of new build or refurbished healthcare buildings?
- Can we still plan for innovation when options are limited to reconfiguration or modernisation of existing infrastructure?

Workshop programme

Day 1 – Monday 22nd October

We begin the workshop with an overview of the challenges for strategic infrastructure planning across Europe. We have invited speakers from the **European Centre for Healthcare Assets and Architecture (ECHAA)** to reflect on current thinking at the EU Council of Ministers and the European Commission on how healthcare facility development can contribute to growth and innovation as well as population health, and how this might affect decisions on, and planning of, healthcare infrastructure. We will also examine the macroeconomic indicators that will underpin healthcare infrastructure investment for the next decade. ECHAA speakers are also invited to share findings from recent EUREGIO III case studies from a number of European countries, and to examine themes of e-health, workforce planning and radical healthcare reform.

Speakers have been invited from the **regions in Denmark and the office for health and socialpolitics in Danish Regions**, to give participants an overview of Denmark’s ambitious programme for modernisation and re-building of hospitals across the country, and to share some case study examples of how facilities are being designed and how they are expected to meet future healthcare needs.

We will end day 1 of the workshop with a discussion of the themes explored during the day, in particular the contrast between strategic planning in public or market-driven policy environments. This will be followed by a drinks reception.

09.00 – 10.30 EuHPN Member Meeting – EuHPN member representatives only.

10.30 – 11.00 Registration and welcome coffee

Session 1: Healthcare Infrastructure Planning: the context across Europe; national and regional strategies

Time	Speaker	Topic(s)
11.00 – 11.20	John Cole, Chair of the European Health Property Network Jonathan Erskine, Executive Director, European Health Property Network	Welcome and introductions:
11.20 – 12.00	Steve Wright, Executive Director, European Centre for Health Assets and Architecture (ECHAA)	Macroeconomics & Strategic Asset Planning: What is the reality for future capital resources, and who can we get to pay for them?
12.00 – 12.40	Barrie Dowdeswell, Research Director, European Centre for Health Assets and Architecture (ECHAA)	EU health system reform and future infrastructure planning: the contribution of changes to care models, the workforce, and digital technologies.
12.40 – 13.00		Audience questions and discussion.

13.00 – 14.00		Lunch
14.00 – 14.30	Professor James Barlow, Imperial College London and the Health and Care Infrastructure Research and Innovation Centre	Remote healthcare technologies and the implications for the UK's health estate.
14.30 – 15.10	Marlene Willemann Würgler, Danish Regions Office for Health and Socialpolitics	Healthcare infrastructure development in Denmark's regions: public sector planning in a publicly funded health system.
15.10 – 15.40	Claes Brylle Hallqvist, Executive Vice President, New Hospital and New Psychiatry Bispebjerg	New Hospital and New Psychiatry Bispebjerg
15.40 – 16.00		Coffee break
16.00 – 16.30	John Stefansen, Region Nordjylland	New Aalborg University Hospital – generality and flexibility
16.30 – 17.00	Frank Jensen, Project, MedicOUH Manager, Dipl.Ing. Ph.D.(Cantab)	New University Hospital in Odense – Design and innovation of a visionary healthcare facility.
17.00 – 17.30		Audience questions and discussion.
18.00 – 19.00		Drinks reception: Danish Architecture Centre

Day 2 – Tuesday 23rd October

Day 2 of the workshop is an opportunity for **EuHPN** member organisations and associates from around Europe to showcase methodologies and tools for strategic planning, outcomes at local, regional and national level, and the links between service redesign and the planning cycle.

We will see presentations on evidence based design for a sustainable health estate, the effects of major health system reform on infrastructure planning, tools and methodologies for decision makers, joint procurement across the public sector and, from the **RES-HOSPITALS project**, some ambitious targets for zero carbon hospitals.

Speakers from **Architects for Health** will also be present to talk on some of the best and most innovative recent healthcare facility projects in the UK.

Session 2 – Research and evidence for strategic planning of healthcare facilities

Time	Speaker	Topic
09.15 – 09.45	Dr Michael Phiri, Sheffield University, UK	Evidence-based Architectural Healthcare Design and Sustainability in the Healthcare Estate - Case studies from the EU, USA, China and Australia
09.45 – 10.15	Laszlo Helmle, Gyemsi Regional Health Centre, Hungary	What is being restructured in rebuilding the Hungarian health care? Is it concrete?
10.15 – 10.45	Efthimia Pantzartzis, Grant Mills: Department of Civil and Building Engineering, Loughborough University, UK	A Healthy Infrastructure Decision Making Tool for Decision Makers and Infrastructure Planners.
10.45 – 11.00		Questions and Discussion
11.00 – 11.30		Coffee break

Session 3 – Case studies from Europe: from planning to realisation

Time	Speaker	Topic
11.30 – 12.00	Mike Baxter, Deputy Director, Capital and Facilities, Scottish Government	The Hub Initiative - joint asset planning across the public sector: performance improvement and efficient procurement
12.00 – 12.30	Prof. Simona Agger, Italian Society for Healthcare Engineering and Architecture (SIAIS)	RES-HOSPITALS: New dimensions for Strategic Planning; setting milestones for hospitals at zero carbon emission
12.30 – 13.00	Cedric Tchong, CEO, Hospital Sainte Marie in Villepinte, France	Strategic Planning for Infrastructures: 'Bottom Up' Approach – from bases back to planning.
13.00 – 14.00		Lunch

14.00 – 14.40	Giuseppe Lacanna, Technical University of Delft, Netherlands	Dutch trends in healthcare architecture: concepts or strategies?
14.40 – 15.20	Ia Belfrage, White Arkitekter and Emma Kinch, Locum AB, Sweden	Strategic planning for university hospitals in Sweden: planned refurbishment and re-use - the 'Swedish Model' in action
15.20 – 16.00	Andrew Smith, BDP, UK	Masterplanning of the Bispebjerg Hospital in Copenhagen
16.00 – 16.20		Coffee break
16.20 – 17.00	Claudia Bloom and Duncan Finch, Avanti Architects	Planning and design for 'tight fit' hospital sites – case studies from Ireland and the UK
17.00 – 17.30	Marte Lauvsnes, SINTEF Health Research, Norway	Nordic Workshop on Acute Care Hospital Services: Lessons and Outcomes for the Health Estate
19.30 – 22.30		<p>EuHPN 2012 Workshop Dinner</p> <p>Carlsberg Museum and Business Centre, Valby Laggade 1.</p> <p>Please join us at 19.30 for a welcome drink, followed by a short talk on the history of the Carlsberg brewery. Dinner will be served from 20.15 onwards.</p>

Day 3 – Wednesday 24th October

Day 3 of the workshop will examine some of the trends that will impact on future strategic planning decisions, beginning with a round-up by **Architects for Health** of some recent exemplar health facility projects. We also welcome back representatives of the European public procurement network on low carbon buildings in the healthcare sector (LCB-HEALTHCARE). This project is due to end in October but a more ambitious follow on project (EcoQUIP) will facilitate joint procurement actions aimed at bringing innovative new solutions to market. The bridge between the two projects is a pilot project on low carbon ventilation.

Decisions concerning the design, location and content of health buildings are increasingly driven by the demands of current and future technology. Digital technologies, in particular, may revolutionise how healthcare is delivered to patients, how clinicians communicate with each other, and, ultimately, how buildings are located and designed. We have invited **Norbotten County Council**, one of the leading European digital hubs, to share their experiences of how this technology is influencing plans for healthcare infrastructure. Europe’s financial crisis continues to have a major impact on planning for healthcare infrastructure. But just how significant is this factor? Phil Nedin, of **Arup Global Healthcare**, will present some recent research on strategies to cope with a flat-lining economy.

Many stakeholders are involved in strategic planning decisions, and it is increasingly important to include the views of staff and patients – particularly when it comes to evaluating the results of planning decisions. This session will include two ambitious pre and post evaluation studies, one from the Netherlands and the other from Northern Ireland, and will give participants an opportunity to compare and contrast these approaches.

Session 4 – Future impacts on Strategic Asset Planning: Innovation; Energy and Carbon Efficiency; Collaborative Procurement, Digitisation; Post-Occupancy Evaluation and Analysis

Time	Speaker	Topic
09.00 – 09.30	Susan Francis, Executive Director, Architects for Health	Innovation in Design and Planning the Health Estate: recent examples and trends.
09.30 – 10.00	Gaynor Whyles, Angus Hunter, LCB-HEALTHCARE	Innovation procurement: delivering efficiency, quality and sustainability in healthcare
10.00 – 10.30	Agneta Granstrom, Norbotten County Council, Sweden	Infrastructure implications of digitisation: consequences for planning the health estate
10.30 – 11.00	Marcin Kautsch and Marek Haber, Poland	Regional hospital collaboration in Poland: a response to privatisation in the hospital sector.
11.00 – 11.20		Coffee break
11.20 – 11.50	Christopher Shaw, Medical Architecture, UK	What size is right for inpatient mental health?
11.50 – 12.20	Phil Nedin, Global Head of ARUP Healthcare	Healthcare: the drivers of change

12.20 – 12.50	<p>Liesbeth van Heel, Erasmus Medical Centre, Netherlands</p> <p>Joram Nauta, DuCHA-TNO, Netherlands</p>	<p>Pre and Post Occupancy Evaluations at the New Erasmus Medical Centre, Netherlands.</p>
12.50 – 13.20	<p>John Cole, Health Estates Investment Group, Northern Ireland</p>	<p>Post-Occupancy Evaluation Across the Health Estate in Northern Ireland: gathering the views of patients, public and staff.</p>
13.20 – 14.00		<p>Lunch and departures</p>