

# ***Healthcare Industries Task Force Training and Education***

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# Stakeholder Opinion

Medical device training and education programmes;

vary considerably  
are fragmented  
are often insufficient in scale

## Added Value

- swifter adoption
- safer practice
- lower training costs
- higher quality training and education
- a more evident practitioner competency benchmark
- greater transferability of skills/knowledge as part of career development;

## Policy Drivers

- National Service Frameworks;
- Public Sector Agreements - (Priority III: Access and Priority IV: Patient / User Experience)
- "Our health, our care, our say" White Paper 2006 (Chapter 6 - Care closer to home);
- NHS National Clinical Negligence Scheme (standard 5);
- Healthcare Commission (core standard C4b).

# MARKET SEGMENTATION AND CHARACTERISTICS

**Educational & Training Requirement Complexity**



Medium tech – specialist use; ++ practitioner training required; general year/year advances/innovation; mid –low range costs; mid-low range volumes;

**ROBOTICS, AUTOMATION AND NEW ADVANCES**  
e.g. stem cells, tissue engineering

High tech leading edge innovation – few practitioners; highly specialised; potentially high cost; lower volumes

**SPECIALIST EQUIPMENT**  
e.g. in vitro devices, cardiology monitors, ventilators

Medium tech with general year/year advances/innovation – increasingly used; used by many practitioners; mid-low range costs; mid range volumes;

**PATIENT ASSOCIATED EQUIPMENT**  
e.g. critical care monitors, specialist mattresses

Lower tech/innovation – widely used and linked to legal requirements (H&SAW) etc. many practitioners – lower costs; high volumes

**HAND HELD/PORTABLE**  
e.g. blood pressure monitors, hoists



# Considerations in taking forward an effective response

- Tactical
  - An immediate response in the form of The Training Hub. Now in business.
- Strategic
  - A mechanism to ensure in the longer term that medical device training and education are adequately recognised/funded and embedded in programmes across the educational spectrum

# Training Hub for Operative Technologies in Healthcare

- A specialist Training Hub (THOTH);
- Established with PSRE/Imperial College/NIC funding;
- Strongly aligned with HITF deliverables and NIC
- Objectives include routes to technology adoption in NHS;
- THOTH will;
  - develop structured and standardised platform for ***R and D*** of training tools in use of advanced technologies;
  - scan healthcare services market to identify projects to meet changing technology demands of NHS priorities
  - search out and/or develop innovative and modern training methods and make programmes available to NHS;

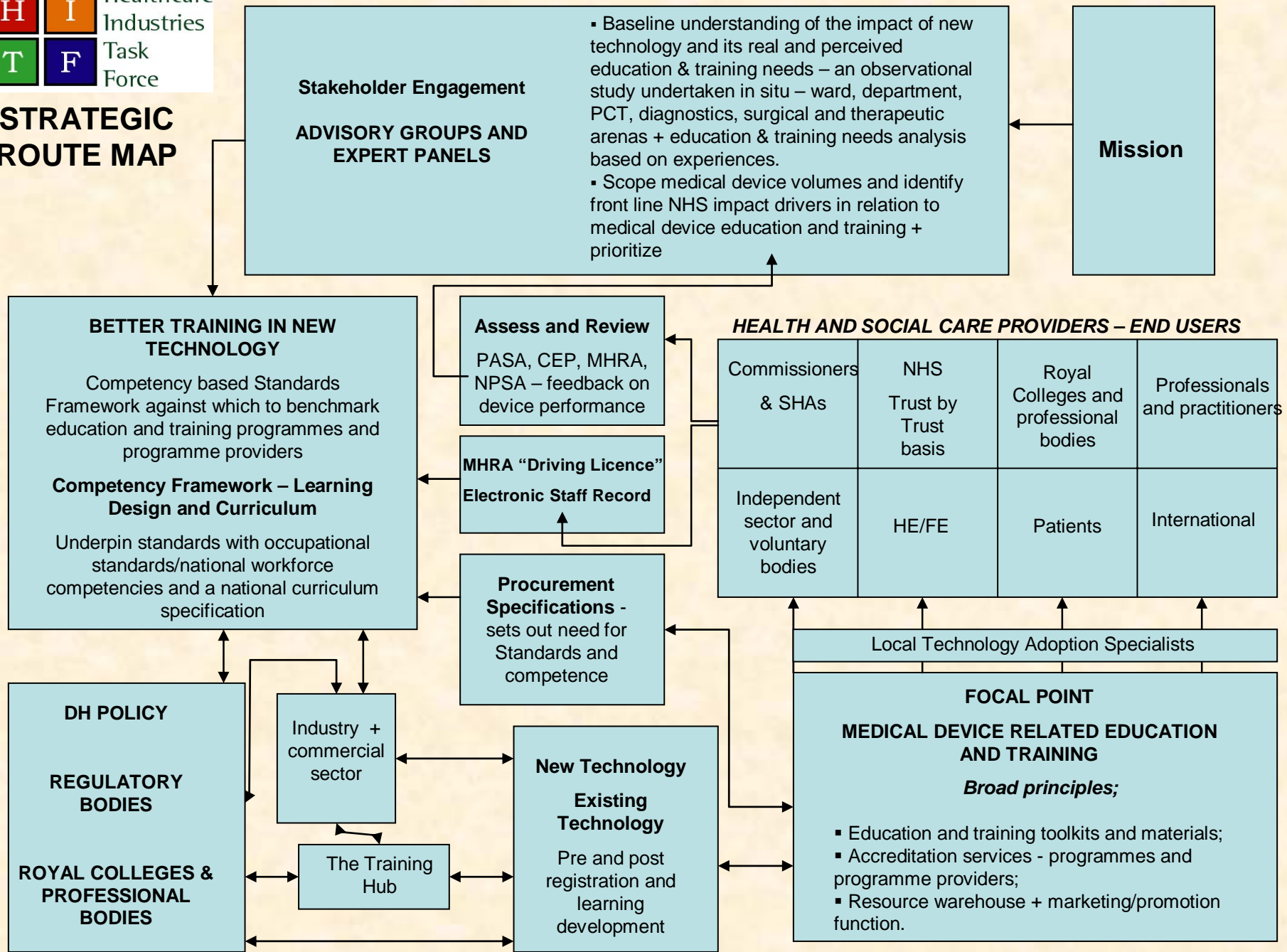
# Key considerations proposed by stakeholders (1)

- Best practice benchmarks/ light touch accreditation and a structure to match provision with need;
- Needs clear organisational roots and funding – positioned to influence policy, training and education curricula and strong links with industry;
- Driven by priority/policy considerations with clear outcomes, in “bite size” stages and embrace all clinical practitioners and all medical devices;

## Key considerations proposed by stakeholders (2)

- Establish a clear understanding of what the private/public sector will and will not provide;
- Harvest and warehouse best practice in one place;
- Needs to be sustainable at NHS Trust level;
- Training and education programmes should be specified in procurement contracts.

**STRATEGIC ROUTE MAP**



# Next Steps

- Establish a “focal” point in an appropriate organisation through which to co-ordinate short and longer term aims;
- Embed in DH Workforce programme delivery groups and new overarching SHA arrangements
- Use DH leverage on pre and post education programme and also MPET funding;
- Make explicit links with modernising healthcare careers initiatives;
- Sustainability at NHS level through local enthusiasm and knowledge ;
- Concordat with the commercial sector;
- Embed principles in standards at the Healthcare Commission and NHS Litigation Authority;