



Health Management Institute of Ireland



CHANGE FOR THE BETTER

Health Management Institute of Ireland
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www.hmi.ie



Health Management Institute of Ireland

Collaborating to Innovate



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Irish Rugby Team


- The Irish Rugby team was based last week at St. George's Park, Staffordshire, a £105 million world-class training centre built by the English Football Association
- The focus is on preparation and winning
- On one of the corridor walls there is a large imposing slogan
- *Often the toughest challenge is implementing change*




Change


- This has a certain synergy with two tag lines taken from the conference brochure for today:
 - **Change** for the better will allow us to explore how innovation and technology can help us harness possibilities with the potential to radically alter how we can deliver our services
 - Innovation and technology, coupled with improved clinical and administrative processes, will be key enablers of the **changes** required





Action Plan for Jobs





- Action 7.2.1, the Government committed to “deliver a Health Innovation Hub
 - To drive collaboration between the health system and commercial enterprises
 - Leading to the development and commercialisation of new healthcare technologies, products, services and start-ups
 - Emerging from within the health system and/or firms”




Demonstrator Health Innovation Hub

- A National Project Team (NPT) was appointed in 2012 to drive this initiative and was chaired by Dave Shanahan
 - DJEI and DOH
 - EI, IDA and SFI
 - Industry
 - Clinical Leadership from HSE
- Western Gateway Building, UCC was the location selected for the Demonstrator Hub
 - PI is Professor John Higgins










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Innovation Calls

- Enterprise Ireland issued a call for applicant companies in June 2012
- There were 21 Applicants and 6 were chosen

 This is Service GP Referral	 ePrescription	 innovative decontamination Sterilisation Technology
 Point of Care testing	 Post Hospital Discharge follow up	 Paperless clinic



- Successful trial undertaken in Blackpool, Cork comprising
 - 2 GPs
 - 7 Pharmacies and
 - 1,467 prescriptions
- Excellent feedback from GPs, some of the pharmacies and all patients interviewed
- Report submitted to NPT
- Just today, Helix Health launched the following product:



Faster, Safer, Easier

Faster, Safer, Easier

Faster, Safer, Easier



Faster, Safer, Easier

visit eScript.ie

Making prescriptions faster and easier



A Healthcare Innovation developed with the support of:






2014 Calls

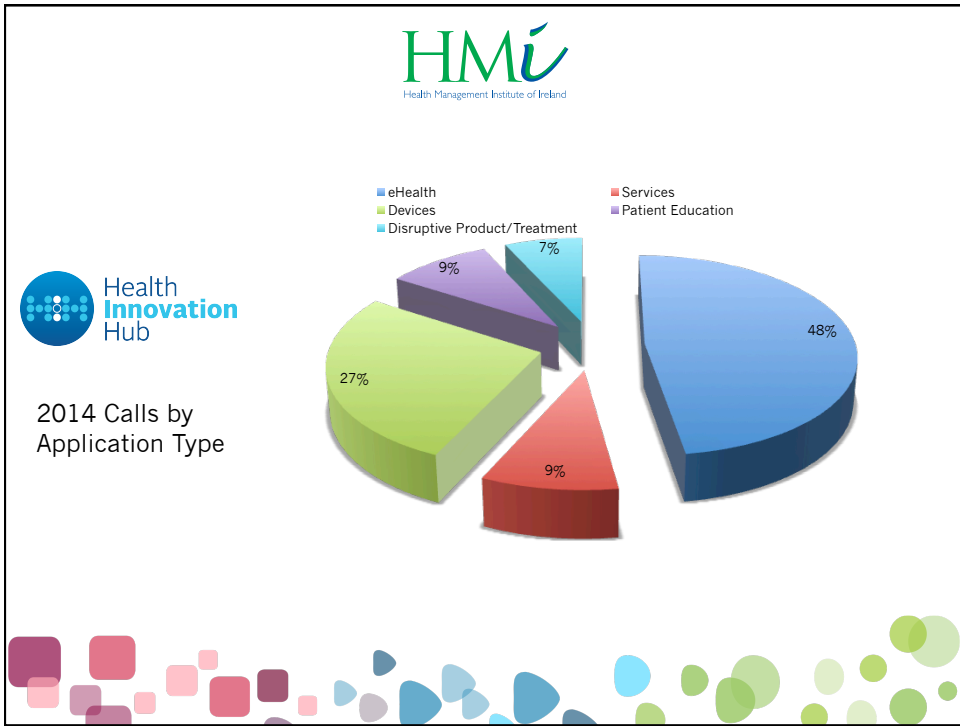
- **Open Call (28)**
Innovative products or services, at a minimum, at pre-commercial demonstration or development phase and have the potential to significantly impact the healthcare system
- **Focused Call (11)**
 - Technology and services that have demonstrated pre-commercial readiness and have the potential to significantly impact infection control and hygiene management in the healthcare sector, particularly in primary and acute healthcare settings



2014 Calls

- All applications were reviewed by expert panels
- 15 were selected based on pre defined selection criteria
 - This included a consortium of 4 companies for the focused call







Objectives

1. Install 20 bedside units (donated by Lincor) in new respiratory ward
2. Work with Lincor to provide additional functionality
 - Patient Education Interface: Provision of disease specific patient information via units- currently done through handouts or verbally
 - Entertainment
 - Bedside access to clinical data (protected, clinical team only)



- Respiratory Clinicians, nurses, dieticians, physiotherapists across five respiratory disease groups
 - COPD, CF, Interstitial lung disease, asthma, cancer
- Prof. Mike Henry, Prof. B Plant, Dr. Des Murphy and Dr. Marcus Kennedy








- Commission ward 5B for installation of units ✓
- Access to server and TV connectivity ✓
- Connection and testing of access to PAS and clinical server
- Clinical team feedback on education portal- collate and triage information, seek supplier approval ✓
- Demo education portal and provide feedback ✓
- Pilot the education portal and the clinical access portal and gather feedback through surveys Q4 2015 - Q1 2016






- The new Respiratory ward is scheduled to open in Q4 the Lincor units will be launched simultaneously
- Staff training: *before opening*
- Patient and staff surveys: Q4 2015 – Q1 2016
- Report to Lincor and develop promotional materials
- Consider other uses - bed management etc.



LINCOR
Engineering Patients. Improving Outcomes.

Infant
Irish Centre for Fetal and Neonatal Translational Research

Health Innovation Hub

Follow on Project: Neoview, A neonatal intensive care viewer for improved patient care and enhanced family well being

- Virtual Visitation for Families
- Improving Parental Wellbeing Through Enhanced Cotside Education
- Reducing Procedural Errors through Enhanced Education and Monitoring
- Virtual Physician Presence in the NICU



Our Experience

- There has been a wide array of companies handled by the hub
 - From individuals right up to Small and Medium Enterprises with innovative products, processes and technologies
- The hub has instigated and managed projects with 27 companies in
 - 7 hospitals
 - 2 primary care centres
 - 4 stand alone GPs
 - 19 pharmacies
 - 19 clinicians and their teams




- We facilitate the engagement of healthcare teams
- We implement and manage product and project trials
- We broker relationships between healthcare and industry in order to fast track innovation development and implementation
- We assist companies by locating the best clinical setting to pilot or trial a product





We Provide

- Experts to facilitate protocol design
- Regulatory advice
- Methodology
- Statistical review
- Project managers to lead and facilitate the implementation and completion of projects



Common Hurdles

- Patient Safety
- Regulations
- Accessibility
 - Physical
 - Electronic
- Procurement
- Finance
- IP





Health Innovation Hub Ireland

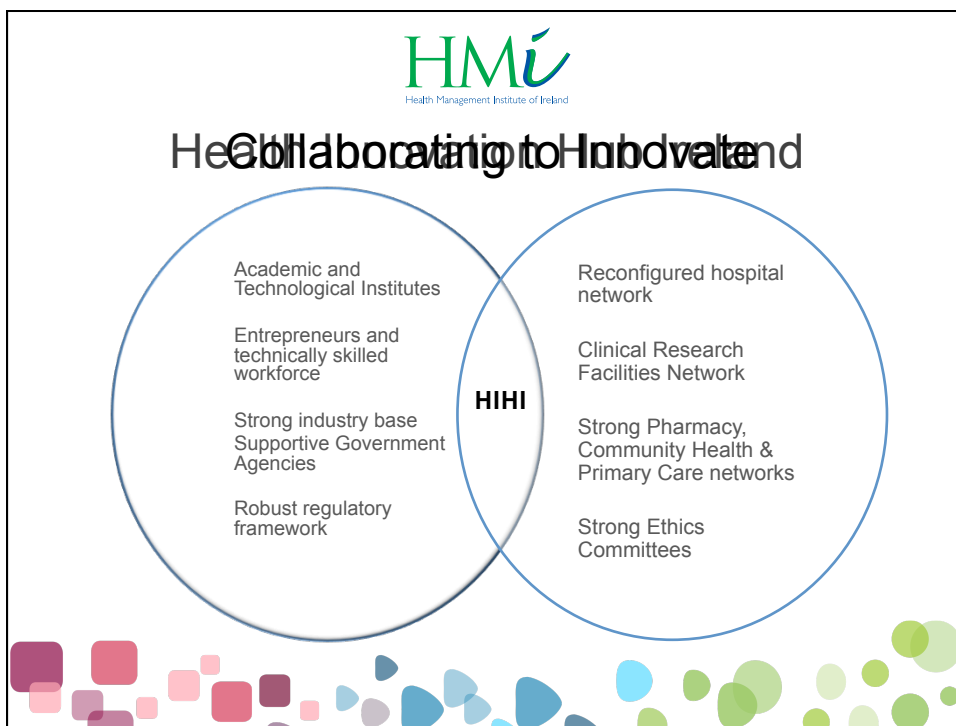
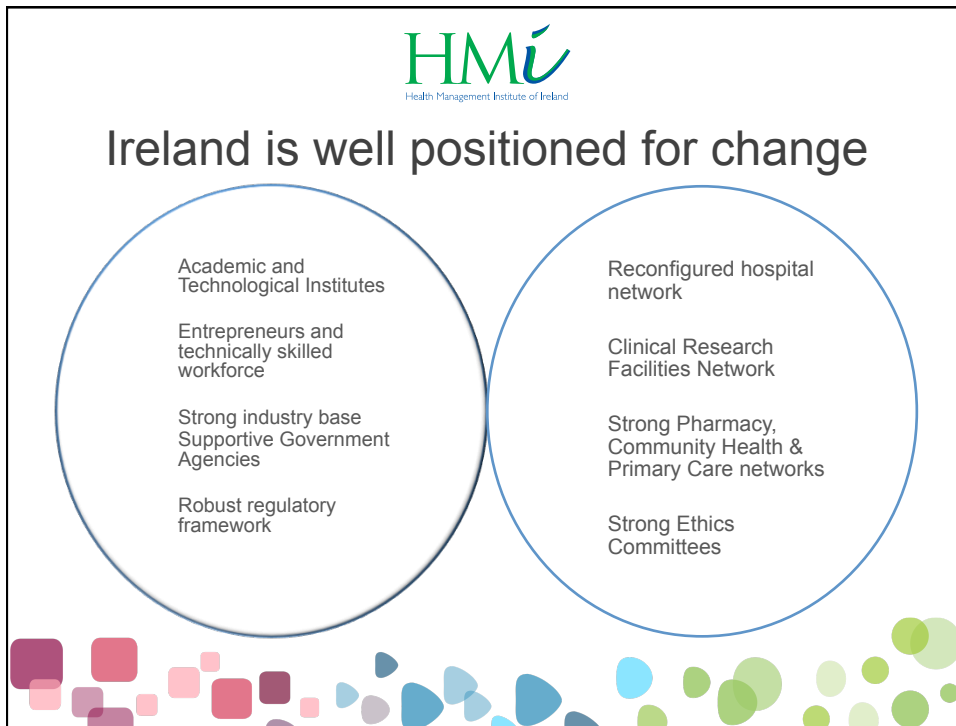
- New medicines (biologics), devices and convergent technologies are providing step changing treatments
- It is an exciting time for innovation adoption and there are many challenges in getting the idea to the patient



Health Innovation Hub Ireland

- In Ireland there are multiple supports for companies to bring these ideas to the patients but the process is neither clear nor smooth
- The approval, by Government, of Health Innovation Hub Ireland will help to streamline this process







Go raibh maith agaibh



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