



eltic-Plus⁺

Smart Connected World

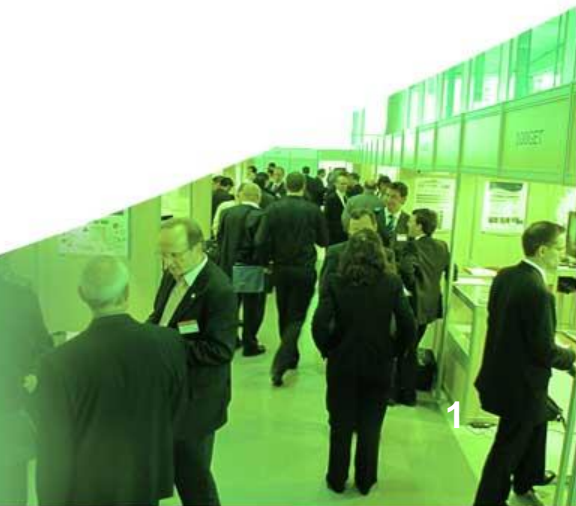


Celtic-Plus Proposers Day
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digiPIL - the Digital Patient Information Leaflet

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Nimbus
Embedded Systems Research



Replace Patient Information Leaflets (PIL)

- *Public Health*
 - *Easy access to critical medicines information*
 - *during the course of treatment*
- *Patients, Physicians, Pharmacists*
 - *Improvement in patient compliance*
 - *Increased reporting of Adverse Drug Reactions*
 - *No interruptions to medication supply*
- *Pharma companies*
 - *Simplification of supply-chain*
 - *Improved Pharmacovigilance through:*
 - *Increased ADR reporting*
 - *Tackling of counterfeit medication*

Organisation Profile

Nimbus Research Centre nimbus.cit.ie

- *Part of Cork Institute of Technology*
- *Cumulative funding of over €34M since 2006*
 - *Over €4.2m funding 2013, €4.3m 2014*
- *100 staff*
 - *researchers, engineers, students, admin*
- *Over 60 projects underway*
- *Prospect pipeline > €7m*
- *40 disclosures/licences/patents last four years*
- *Over 240 funded projects completed*

Proposal Introduction (1)

1. *Perform studies to establish*
 - *the benefits of digital PIL delivery*
 - *Feasibility study under way*
 - *how to eliminate risks*
2. *Develop and test alternative mechanisms to in-package PIL delivery, such as:*
 - *Pharmacy-printed PIL*
 - *Access to digital PIL via QR code*
3. *Influence European regulation*
 - *allowing alternative to in-package supply of PIL*
 - *Possibly based on Australian model*

Proposal Introduction (2)

- *Outcome:*
 - *Recommendations for digital PIL delivery based on user-testing and field trials*
 - *Development of platforms to digitise PIL delivery and improve effect of medications*
- *Impacts:*
 - ✓ *Increase patient awareness of critical medicines information*
 - ✓ *Improve patient compliance with dosing and administration*
 - ✓ *Changes to EU Regulations*
- *Schedule:*
 - *12-24 months*

- *Republic of Ireland:*
 - ✓ *Pharmaceutical Manufacturing Technology Centre*
 - ✓ *Cork Institute of Technology, Nimbus Centre*
 - ✓ *University College Cork, School of Pharmacy*
 - ✓ *MSD*
- *Looking for:*
 - *More Pharmaceutical companies*
 - *Access to electronic PIL*
 - *Project support/Endorsement*
 - *NGOs*
 - *Use cases*
 - *Pilot studies*
 - *Regulatory Authorities*
 - *Project Endorsement and Collaboration*

Contact Info

For more information and for interest to participate please contact:

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