

A message from the Editor

Welcome to the fifth edition of the NEIS Bulletin.

This month's guest spotlight is on Aidan Cullinane, one of the two Product Owners working on the Operations & Maintenance and Medical Equipment (O&M/ME) module. Aidan takes us through his time working within HSE Capital & Estates and how his journey ultimately took him to working on the NEIS project.

Team members have been busy attending two separate conferences held in Croke Park spreading the word and presenting on the NEIS Project at the Institute of Healthcare Engineering and Estate Management (IHEEM) conference and the CIF Digital Construction Summit.

The NEIS team recently carried out a benefits measurement survey on "Staff experience on finding information" for those using NEIS and those yet to use NEIS, the results below speak for themselves.

The editor likes the returned (anonymous) comment "One single source of the truth on a single system" - I couldn't have described NEIS better myself. Until the next time, enjoy what remains of the summer!

NEIS

NATIONAL ESTATES INFORMATION SYSTEM

BULLETIN



Operations & Maintenance division team members, MRH Tullamore, attending National Estates Information System (NEIS) training.

Significant milestone achieved by NEIS

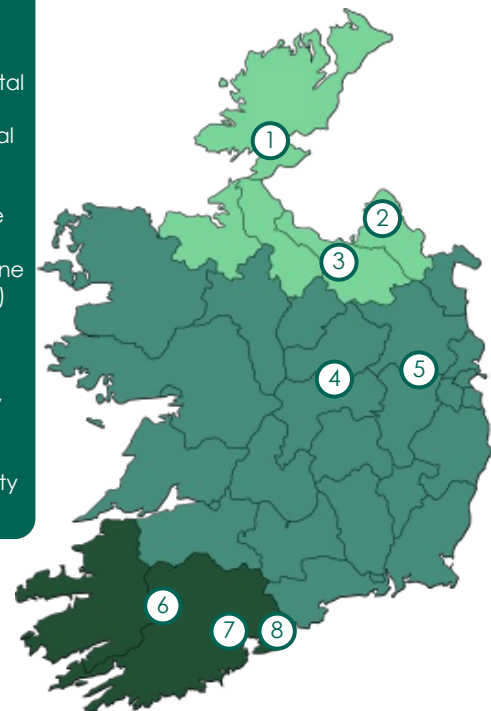
Another significant milestone was achieved in April for NEIS with the completion of the Operations & Maintenance (O&M)/Medical Equipment module.

This module allows the HSE to manage traditional maintenance activities through the new IBM TRIRIGA platform and is available and intended for use by all HSE and HSE-funded Maintenance Departments.

The first go-live sites included both HSE and Voluntary Acute Hospitals and a number of CHO areas with the first cohort of early adopters logging maintenance requests from more than 1,500 healthcare buildings.

Phase 1 Deployment:

1. CHO1
2. Monaghan General Hospital
3. Cavan General Hospital
4. MRH Tullamore
5. MSD (Ashbourne & Clonskeagh)
6. CHO4 (Kerry)
7. Cork University Hospital
8. Mercy University Hospital



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Members of Capital & Estates and the Institute of Healthcare Engineering & Estate Management (IHEEM) attending the second day of the IHEEM Conference in Croke Park.

Showcasing the NEIS Journey

The attendees at two recent conferences in Croke Park have learned all about NEIS.

One member of the NEIS team presented at the Institute of Healthcare Engineering and Estate Management (IHEEM) Conference during May, while another team member presented at the Construction Industry Federation (CIF) Digital Construction Summit in June.

The two-day IHEEM conference, exhibition, and awards dinner took place in Croke Park and offered informative, educational, and thought-provoking discussions focusing on four main areas:

- Sustainable Healthcare Capital
- Delivering a Sustainable Workforce
- Planning for a Sustainable Healthcare System, and
- Estate Strategic Risk Management.



NEIS's Anna Boch, Business Change Manager, with Seán Downey, Director of Specialist Contracting, Construction Industry Federation (CIF), at Croke Park for the CIF Digital Construction Summit.

Bernard Pierce, NEIS project lead, presented at the event on the theme of Developing A Sustainable Workforce. IHEEM is an International Professional Engineering Institute, specialising in the healthcare estates sector.

The CIF Digital Construction Summit was held in Croke Park recently under the theme 'Answering the Key Productivity Challenges'.

Broadcaster Jonathan Healy was MC for the event and Minister for Further and Higher Education, Research, Innovation and Science Simon Harris gave the opening ministerial address, before presentations by a range of industry experts, panel discussions, and networking breaks.

NEIS's Anna Boch, Business Change Manager, presented a case study on how the HSE is currently rolling out the NEIS project, including the implementation of a Common Data Environment (CDE) for construction projects together with an Integrated Workplace Management System (IWMS) for asset management.

The HSE implemented a change culture to successfully build and manage Ireland's biggest public sector asset. Anna shared the learnings from the digital transformation journey as relevant to the construction industry.

Major milestone achieved by NEIS

Continued from page one.

The activities include planned and reactive maintenance tasks required to keep HSE facilities and equipment operating at optimum levels for front-line service delivery.

The Midland Regional Hospital

Tullamore (MRHT) is the National Digital Health Innovation Lab pioneering the use of a number of digital solutions to improve healthcare delivery across the HSE.

MRHT is also the first of the initial NEIS Tririga O&M pilot sites, pioneering the

use of NEIS in a live acute setting.

In parallel to the training and implementation at the initial pilot sites, the NEIS team are currently engaging with other areas for adoption, with a planned second-phase rollout scheduled for October.

Background in construction a real asset for Aidan

GUEST SPOTLIGHT

Aidan Cullinane Operations & Maintenance Module "Phase 1B"

I have been working for HSE Capital & Estates (C&E) since January 2016 after joining from the private construction and Facilities Management (FM) sector.

Initially I was the maintenance officer in University Hospital Kerry and after that I was operations support manager for C&E in the Cork/Kerry area. I joined the NEIS Team in March 2021 as Product Owner for Operations and Maintenance (O&M).

My initial appointment to the NEIS team was delivered at an early stage, which allowed me the time and space needed to carry out a detailed due diligence of the contract and scope needs of the HSE in relation to Phase 1B (O&M).

Coming from a construction background greatly assisted in my initial understanding of the needs of maintenance and engineering.

The role is both challenging and rewarding. The mindset approach to focus on the fixed-phase iteration in question is very much varied from my previous approach of utilising the

project term critical path. As Phase 1B is broken into iterations that run over 5-week blocks, the engagement and decision making in real-time at the integrated workshops to configure the system with IBM and associated stakeholders can be intense but also very effective.

The decisions by myself and associated stakeholders at the workshops are made with the aim of allowing Tririga to deliver the best Integrated Workplace Management System (IWMS) specific to O&M and for the benefit of all maintenance, engineering and biomedical departments nationally.

National engagement has been excellent, and maintenance and engineering offices nationally have been very positive regarding Tririga and the work to date.

The Maintenance National Vocational Group, rollout sites and their appointed staff, as well as Rollout 2 sites have been a great help and I very much thank them for their support with the project.

This is just the tip of the iceberg and I look forward to further engagement with maintenance and engineering departments nationally as we deliver the Tririga system.



NEIS TIMELINE

Phase 1A: Aconex Project Common Data Environment (CDE), Contract and Cost Management, October 2021



Phase 1A: Tririga "Projects" i.e. Capital Programme Management, October 2021



Phase 1B: Tririga "Operations" i.e. Maintenance incl. Medical Equipment, April 2022



WE ARE HERE!

Phase 2: Tririga "Real Estate" i.e. Property Management, due October 2022

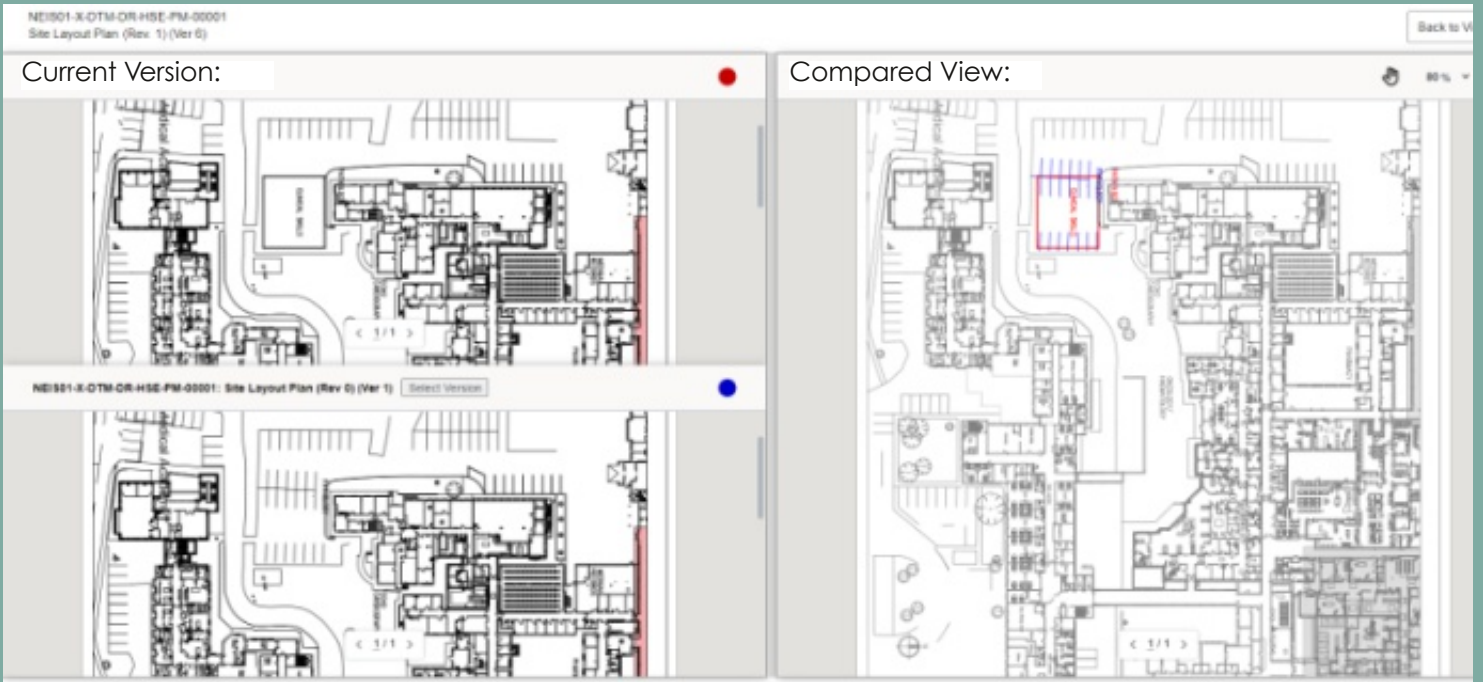


Phase 3: Tririga "Environmental" i.e. Environment & Substitutability, due April 2023



Phase 4: Tririga "Facilities" incl. Space Management, due October 2023





Aconex – Continually Improving Functionality

As we continue to get to grips with the new Electronic Document Management System (EDMS) and Common Data Environment (CDE) that is Oracle Aconex, we are assured to know that the provider is continuing to improve the functionality its platform provides.

One exciting development which was released earlier this year is the ability to compare two versions of the same PDF document when uploaded – Aconex will do the comparison for you!

The right hand window consolidates both views and

highlights in red anything that has changed on the current version and in blue anything that has changed from the previous version selected.

Currently only PDF files are supported in the online viewer but in the latest release the release notes indicate that Microsoft Office, CAD and Image files or documents will also be supported in the Online Viewer.

Unfortunately, the mark up functionality will not be supported for these file types at the minute – maybe in a later release.

Supported file types include:

Office	CAD	Image
.DOC	.DWG	.BMP
.DOCX	.DWF	.GIF
.XLS	.DWX	.JPG
.XLSX		.PNG
.PPT		.TIF
.PPTX		

If there is any enhanced functionality you would like to see in the EDMS /CDE please let us know at NEIS.Support@hse.ie and we will raise with our colleagues in Oracle – You never know!

What is Aconex - key software explained

Aconex helps improve project management by centralising communications, whether it be email-like communications or customised forms to match the unique business processes involved in a project.

The Aconex process and information management suite of solutions provide a common platform to manage all of the processes, correspondence, models and documents generated across the entire

lifecycle of engineering and construction projects. Aconex operates in the cloud, which means Information can be stored, shared, tracked, searched and archived online from any location at any time.

Medical Equipment Configuration Update

In parallel with the Go-Live of the Operations and Maintenance (O&M) Module of NEIS, April also marked the completion of the configuration for Medical Equipment.

Over the previous six months the NEIS team together with the Capital & Estates Medical Devices personnel, led by Judy Jordan, worked on the specific requirements of medical equipment databases. The roll-out of the system is being piloted in Cavan General Hospital (CGH) over the next six months.

This will involve the Clinical Engineering Dept at CGH road-testing the full range of capabilities of the IBM Tririga system in delivering the expected benefits.



The NEIS team are supporting the local team in areas such as asset tagging, inventory management and location information.

Training was carried out by the NEIS team and delivered on-site to the clinical engineering department in June. The next stage will involve

monitoring the maintenance and performance of certain medical equipment modalities, and creating/running reports as required.

The lessons learned from the Cavan pilot will allow us to roll-out the Medical Equipment module to further acute sites in late 2022.

Get to know Aconex with specialist training

CPD Opportunity! Aconex Training will continue in the Autumn, as per the schedule below.

If you would like to be included in any of the training sessions which will be facilitated online, please send an e-mail to NEIS.Support@hse.ie with "Aconex Training" as the subject and details of which session(s) you would like to attend.

Aconex Training	August	September	October	November	December
HSE Estates Staff (18 hrs over 9 days)	Mon 29th, Tue 30th, Thur 1st - Fri 9th 10am-12pm			Mon 7th - Thu 17th 10am-12pm	
Design Team/ Contractor (4 hrs over 2 days)	Mon 22nd & Thu 25th 10am-12pm	Mon 19th & Thu 22nd 10am-12pm	Mon 17th & Thu 20th 10am-12pm	Mon 21st & Thu 24th 10am-12pm	Mon 12th & Thu 15th 10am-12pm
Project Initiation (Service) (2 hrs)	Thursday 18th, 10am-12pm		Thursday 13th, 10am-12pm	Thursday 28th, 10am-12pm	Thursday 8th, 10am-12pm
End User (Service) (2 hrs)		Thursday 15th 10am-12pm	Thursday 27th 10am-12pm	Tuesday 29th 10am-12pm	Tuesday 6th 10am-12pm

Quite often on the Aconex training we are asked about why we have certain processes built into the system. In the first instance we recommend attendees review the [Capital Projects Manual & Approvals Protocol](#).

Secondly, there is also excellent training available from the [OGP Commercial Skills Academy - Tiered Training Programme](#), as per [Training Prospectus](#).

Training Syllabus for Public Capital Works Projects

Tier	Training Programme
0	Introduction to Public Works Procurement
1	Practitioner Training, Commercial Skills for Public Capital Works Projects
2	Masterclasses for Public Capital Works Projects
3	Conference
Management of Public Capital Works Projects for Senior Managers in the Public Service	

NEIS Benefits Measure Survey - A Snapshot

A recent HSE Capital and Estates "NEIS Benefits Measure Survey" was distributed across a selection of Capital & Estates staff.

The purpose of the survey was to measure experience on how you find information on current systems.

It incorporated a focus on how difficult is it to find information; when you do find it how accurate is it, how quickly can you find it and how

efficient are the systems as a whole in relation to your specific roles and responsibilities.

We would like to thank everyone who participated in the survey which ran from 14th March to 28th April 2022.

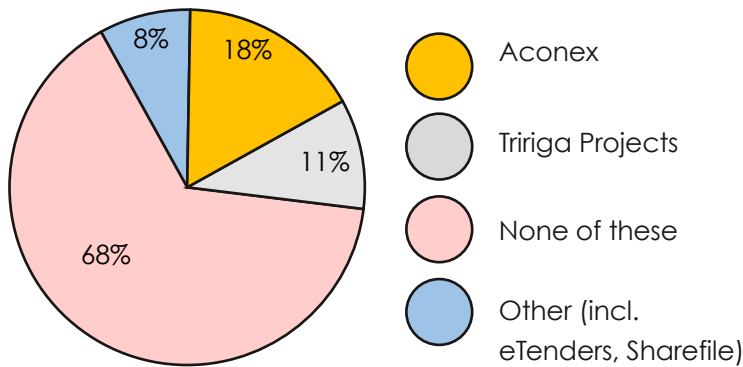
Of the 84 respondents, 18% had started using Aconex and 8% Tririga. 68% were not yet using NEIS, with 8% indicating they used other NEIS

applications such as eTenders, Sharefile or Cora.

The survey demonstrated that those using NEIS applications are already finding it easier to find information, and that information is more accurate and being found more quickly than by those that are not using NEIS applications.

Key highlights of the survey findings are featured below.

Which of the following NEIS applications, if any, have you started using/do you currently use?



On a scale of 0 to 10, how would you rate the following with regards to finding information that you require to carry out your role?



● Those using NEIS apps ● Those not yet using NEIS

I believe NEIS is the start of a very positive journey. From the foundations and culture, it has the potential in regards to digital systems providing accurate, current information and consequential derived efficiencies needs to be supported and maximised.

It will provide a single location to access much of the information I need that is currently spread across various locations.

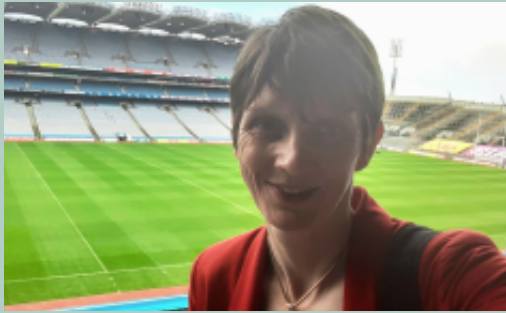
One single source of truth on a single platform.

It is a much needed system.

We look forward to seeing how the responses change when we run the next survey in September 2022. We would encourage everyone to participate in these short surveys, as they help us understand how NEIS is delivering for end users, and offers everyone an opportunity to offer feedback directly.

Full survey results from April 2022 can be viewed at Sharefile <https://hseestatesdml.sharefile.com/d-s93e96e04afe14f09b01070b80ccd682e>

THE DIGITAL JOURNEY OF NEIS



Anna Boch, Business Change Manager, presenting at the CIF Digital Construction Summit in Croke Park, 9th June.



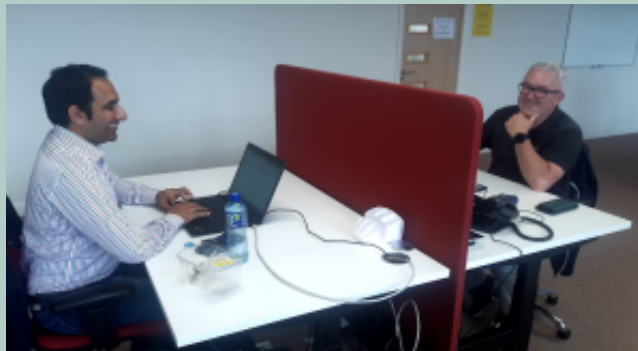
Majority of the NEIS team at one of their recent team days in their office in Tullamore.



Mark Egan (Aconex System Admin) & Michael Martin (Product Owner) conducting online NEIS training.



NEIS team members delivering the O&M module to the Maintenance Manager in MRH, Tullamore.



Imtiaz Abbas (Data Analyst) & Kevin O' Flynn (NEIS Trainer) busy at work!



Poojashree Gowda & Bhavani Pedavalli (System Testers), taking a break from UAT.

Have any questions?
Contact us on our dedicated
email address



NEIS.support@hse.ie

Find out more about NEIS on www.hse.ie

