

A Message from Anna Boch, Estates Manager, Business Change

Welcome to the 3rd NEIS Bulletin, which features articles from different perspectives of those involved in the NEIS project to date.

I would like to acknowledge the support and commitment by all those involved in the roll out of the NEIS project to date.

Despite the challenges that Covid19 continues to present, our training sessions are being well attended and we are "live" on the Aconex system. This includes not just our own teams, but also our delivery partners – Design Teams and contractors such as Mulcahy's who feature on page 5.

Whilst the implementation of the first module continues, Phase 1B has commenced and we are looking forward to the O&M module being ready for rollout in a number of pilot locations in April 2022.

I would like to take this opportunity to wish all of our readers a very Happy Christmas, and hope that you have the opportunity to have a well earned break over the holiday period.

NEIS

NATIONAL ESTATES INFORMATION SYSTEM



BULLETIN



Next Steps – Phase 1B: Operations & Maintenance incl. Medical Equipment

Shane Campbell
Estate Manager,
Business Change

The successful deployment of Phase 1A Capital Projects & Construction Management modules of NEIS enabled the approval to proceed to the next phase (1B) of the project, namely Operations & Maintenance incl. Medical

Equipment. The official start date for Phase 1B was the 11th October 2021, however a lot of preparation work was carried out by the NEIS team in advance, led by product owner Aidan Cullinane.

This meant that we hit the ground running with our IBM Partners. This phase of the NEIS project also includes the

Medical Equipment module, which will enable HSE Capital & Estates to manage the Equipment Replacement Programme and to monitor the maintenance and performance of certain modalities of Medical Equipment throughout the HSE on one central database.

• Continued on Page 2.



Siemens CT, Somatom Definition Edge



Next Steps – Phase 1B: Operations & Maintenance incl. Medical Equipment

• Continued from Page 1.

The Operations & Maintenance module will allow the HSE to manage traditional maintenance activities through the IBM Tririga platform.

These activities include planned and reactive maintenance tasks required to keep HSE Facilities and Equipment operating at optimum levels for front line service delivery.

The system has been procured by HSE Capital & Estates, and is available for

use by all HSE and HSE funded Maintenance Departments.

Key benefits of the new system are:

- Real time work task information / updates
- Replace paper based processes and outdated technology.
- Support the national standardisation of work processes and documentation
- Provide detailed real time reporting for maintenance activities
- Easily accessible information for audit and research purposes

- Greater access to current technical, safety & quality knowledge

The rollout of the Operations & Maintenance module of Tririga will be carried out on a phased basis with initial Pilot sites going live on the system in March 2022. The NEIS team is committed to supporting all end users of the new system and will provide all training before, during and after implementation.

For further information please email NEIS.support@hse.ie with any queries.



Check out NEIS presenting at "CiTA Regional Week" You'll find us at 46:00





GUEST SPOTLIGHT

Aidan Manahan
NEIS Data Product Owner and Data Lead

I've been with HSE Capital & Estates for nearly three years now, and before that I worked for a number of years with data, with Irish food and drinks companies such as C&C Group, Bulmers Cider and Britvic Soft Drinks.

I started in early 2019 as Database Projects Manager within Corporate Property. I was delighted to be then appointed as Data Product Owner and Data Lead on the NEIS Project in February 2021.

The data migration mission is a vast area within our NEIS Project, and will interact with all NEIS project phases, including Portfolio, Capital Projects, Operations & Maintenance (including Medical Equipment) Facilities Management, Property, and Environment & Sustainability, along with Business Administration.

In my day-to-day role as Data Lead, I head up our team of NEIS Data Analysts. As there are four of us and one is named John, we've become known as "the Beatles" on the NEIS project! But our real names are Aidan, Jarek, Imtiaz and John, and just like the Beatles, we work extremely well as a team within the overall NEIS structure.

Our data team has already carried out an "ETL" process on our core property data and capital projects planning data so far.

ETL is short for "extract, transform and load" and really involved tidying up all records found on the old systems and preparing them to be loaded onto our new TRIRIGA system.

We want to have our data looking as well as possible when users from around HSE Capital & Estates begin to interact with the system. Throughout the project so far, we have taken the opportunity to reach out and cooperate with other groups and initiatives within HSE Capital & Estates and the wider HSE organisation, ranging from the Digital Health initiatives at one end, to the IFMS project coming down the tracks at the other end, and many others in between.

There are plenty of meetings to attend, between ourselves and the IBM team, or with internal stakeholders. My favourite meetings are the ones where everyone wants to focus on the nub of the issues, and get those issues dealt with.

My aspiration for this NEIS project – good quality and reliable information, so that the various groups and offices can start using the system into the future with 100% confidence.



NEIS TIMELINE

Phase 1A: Capital Projects and Construction Management, October 2021



Aconex Project Common Data Environment (CDE), Contract and Cost Management



Tririga "Projects" i.e. Capital Programme Management



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



WE ARE HERE!



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

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



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



IBM ON THE PROGRESS SO FAR

Ben Hanley

**Senior Managing Consultant:
Business Transformation**

I've been with IBM for over 10 years, with most of my time spent delivering major TRIRIGA projects, much like the NEIS. My role on the NEIS project was to act as the IBM Workstream Lead for Capital Projects, which would be one of the first modules to be delivered.

It's always exciting to start a new project; I love the process of meeting clients and getting to know their business. In the case of the HSE, I found a refreshingly motivated team who genuinely wanted to get the best out of the NEIS and find the optimum



solution. The Capital Projects module was delivered over the course of 7 iterations, each having discrete Design, Build and Test stages.

The main mode of engagement between IBM and the HSE was through workshops, which were primarily used to design the optimum solution and then validate the evolving build.

The workshops needed to be focussed for us to keep with the programme. One of my biggest challenges was balancing the need to crack on, the enthusiasm to explore different avenues, which could sometimes lead us to deviate from our scope! I must say that my HSE

counterparts were some of the best clients I have worked with, and whilst we did have the odd difference of opinion, professionalism prevailed and spirits remained high!

This meant that we were able to deliver the right solution for the HSE and negotiate ourselves around some complex challenges.



It was a privilege to work on a project with such a huge amount of experience and professionalism, supported by a strong team ethos between IBM and HSE.

Everyone was clearly very motivated and willing to go the extra mile to get things right.

UPDATE FROM THE ORACLE PERSPECTIVE

Alan Collins

Industry Consultant

The line of business within Oracle working with IBM in support of the NEIS initiative is the Construction and Engineering Global Business Unit (CEGBU); our mission is to help owners and their delivery teams, such as HSE to plan, build, and operate critical assets. As part of the NEIS solution, we are leveraging our Aconex solution to provide a centralised common data environment (CDE) helping to drive efficiency in design and construction coordination, project controls and cost management, and field management.

We began working on the NEIS project in early 2021 and started the engagement with the most fun and collaborative activity in the process – the workshops – to collect and understand all of the requirements and to provide an understanding of how



Oracle Aconex would be able to support NEIS and HSE Capital & Estates. As the result of the workshops we were tasked with delivering four Aconex templates, including: Connected Cost, Model Coordination, Field, Supplier Documents and Packages. We agreed the purpose of each template, two for construction projects (Public Work Contract Form & Public Private Partnership), one to help facilitate the project initiation process and the final template reserved for the knowledge library.

The Oracle Implementation team appointed to the NEIS project consist of myself - Alan Collins - along with our senior consultants Alexander Thomas and Thomas Walsh. I am both the project manager and the implementation lead for the delivery of Connected Cost. We are very pleased with the high level of attendance and participation in the

workshops. Transparency and trust really were key to gathering the required information and obtaining the necessary feedback in order to agree the configuration of Oracle Aconex which would be optimal for HSE. I was also impressed with how well the teams at HSE, IBM and Oracle have worked together and the combined effort has been a leading factor in the success of the implementation.

Over the coming months Aconex will be rolled out on selected projects where you will start to reap the benefits of the Aconex platform.

We look forward to a long term partnership with IBM and HSE to drive continuous improvement within the NEIS solution. As part of our strategy to drive continuous improvement, we have invested in the Oracle Industries Innovation Lab which helps organisations experiment, learn, and stay on the leading edge.

Click here to see the Lab in action.





Contractor Testimonial



We were appointed as the main contractor and Project Supervisor Construction Stage (PSCS) for the new 10 Bed Crisis & Respite House in Clonmel and having commenced works, we have been selected as one of the pilot projects to implement the use of the Aconex software system.

We are looking forward to implementing the use of this software throughout the project as collaboration with all parties including the design team, client, etc. is crucial to a successful project delivery.

We feel this software will improve the flow of information as all teams will have access and will receive notifications of any changes as the job progresses.

As with any new processes, getting up to speed on the software has its challenges, however we feel that the training we have received and working with the HSE representatives to date has been a great help. At Mulcahy Construction Ltd. we are always looking to upskill and broaden our knowledge on construction management solutions, and we feel that Aconex will be a great asset going forward, not only on this project, but all projects in the future.

TRAINING DELIVERED VIA VIRTUAL SESSIONS

TRAINING UPDATE

The Training Programme for Phase 1A is in full swing and since September, the in-house NEIS training team has delivered virtual sessions for a wide range of end users. The content is delivered depending on their role in delivering a project.

Project Managers and those involved in the day to day management of construction projects are invited to attend a series of 2-hour sessions delivered across nine mornings. These sessions allow participants to become competent in using the Aconex system for Project Initiations, Project Reviews, Document Management, Contract Communications and navigating BIM models.

Operational Estate Managers have a choice of attending three of these 2-hr sessions or a half-day focusing on the Fundamentals, Project Initiations, Project Reviews.

In parallel, Design Teams and Contractors involved with the pilot projects are able to avail of two 2-hr



sessions to get to grips with how the HSE has configured Aconex in line with the Public Works Contract Forms and BIM standards.

We will also be making direct contact with members of the National Capital & Property Steering committee who will be reviewing projects submitted through NEIS for a number of pilot projects to ensure they are fully familiar with the system as it is rolled out over the next coming months.

Finally, there is also training being offered for all Senior Managers on the Tririga Capital Projects platform, which spans two 2-hour sessions and covers reporting functionality as well as approval process.

The next dates of training are as follows:

- **16th December:** Aconex for Estate Managers / ANDs
- **8th – 9th February:** Tririga for Estate Managers / ANDs
- **Mid-February:** Aconex for Project Managers
- **8th – 9th March:** Aconex Connected Cost
- **Mid-April:** Aconex for Project Managers
- **End-June:** Aconex for Project Managers

The best time to attend these CPD sessions is immediately before your project goes online, as you will benefit from being able to immediately put into practice what you have learned.

Contact NEIS.support@hse.ie for further details.



KNOWLEDGE LIBRARY WILL BE A GAMECHANGER

Derek Dockrell
Architectural Advisor

No matter what we work on, we rely on the experience of our colleagues and others who have worked on a similar project or been in a similar situation. At present, each office has its own library and so what is done could vary from one office to another.

One of the deliverables of Phase 1A of the NEIS Project was the configuration of a "Knowledge Library". A working group consisting of representation from each of the eight NEIS Implementation Groups worked together with Oracle Aconex to design the structure of this resource which will be available to all Capital and Estates staff in the near future.

The Knowledge Library will be the single repository using the cloud based Aconex software system for managing the documents and processes. The Knowledge Library will include wide range of documents including policies & protocols, exemplars &

comparators, best practice guides, codes, HBNs, HTMs, templates, forms, statutory documents, strategy documents, technical data, specifications, reports, circulars, regulations, and requirements. In broad terms, whatever is needed should be in the library.

The process will allow individuals to propose existing documents or identify a need for a particular document. To date, the NE.I.S. Implementation Groups have identified the key documents that they consider important. The Knowledge Library team will review, where necessary identify who is best placed to develop a document and then approve for use before uploading.

Once uploaded, documents will be available to all, with each document having various tags to facilitate searching – these range from subject, N.E.I.S. pillar, publisher, category to name four of the twenty labels/tags.

The status will also identify whether

compliance with the document is mandatory or statutory or whether the document is for guidance only. The implementation plan will take 18 to 24 months due to the large number and range of the documents – initially the focus will on core documents that are used on a regular basis before adding further documents on a phased basis. There will be a "How to" Guide available.

Over time it is expected that the Knowledge Library will become a key tool assisting in the improving what we do. Ensuring that all the core data is of a high standard will improve efficiency and assist in decision making – being able to identify what the exemplars are for particular building types will ensure better knowledge sharing including the lessons learnt by others and greater consistency across offices.

So the regularly used questions like "do you have a copy of....?" or where would I find....." will be heard less often and if asked, the reply will be "it's in the Knowledge Library".



NEIS



Word search

The first three people to send us back the completed word search will receive a box of Heroes! Please send your completed word search to NEIS.Support@hse.ie.

P.S – this competition is not open to NEIS staff.

M	O	X	A	I	T	E	S	T	I	N	G	V	C	D	R	J	Y
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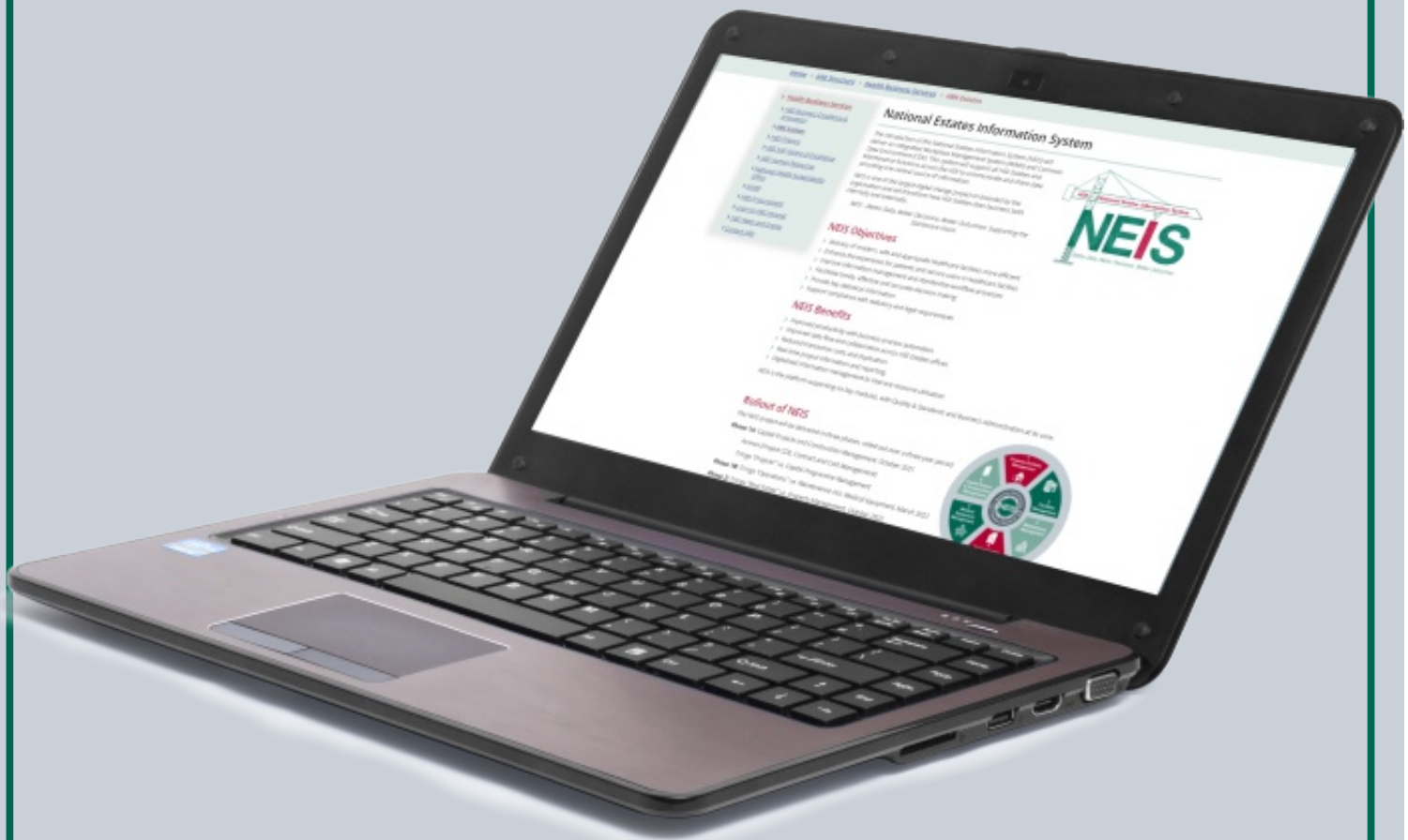
ACONEX BACKLOG CONSTRUCTION ENVIRONMENTAL
ESTATES FACILITIES IBM INFORMATION INTEGRATION
ITERATION MAINTENANCE NEIS OPERATIONS ORACLE
PROJECTS PROPERTY TESTING TRIRIGA



Have any questions?

Contact us on our dedicated
email address

✉ NEIS.support@hse.ie



Find out more about NEIS on
www.hse.ie



Seirbhís Sláinte
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á Forbairt

Building a
Better Health
Service