

Foreword

I am pleased to present an insight into the activity of LMETB's Land and Buildings Department. With increased enrolments, successful patronage campaigns for new schools and rapidly expanding Further Education and Training provision, there has been a significant expansion of associated capital projects over the past number of years. This overview will give the reader an appreciation of the many projects currently being delivered by the Land and Buildings Team and a preview of what is planned for 2021. These are exciting times for LMETB as we commence a whole host of new projects across Louth and Meath.

I would like to express my sincere gratitude to our Chief Executive, Mr. Martin G. O'Brien, without his unwavering support, vision and determination the achievements of the Land and Buildings Department would not be possible. My thanks also to our Director of Organisational Support and Development, Mr. Brian Murphy for his ongoing guidance and advice. I am confident that LMETB boasts one of the best Land and Buildings Teams in the country and that is due, in no small way, to the dedication, support and commitment of both our CE and Director.

I want to express my wholehearted gratitude and appreciation to the Land and Building Team. Ms. Lisa Harte oversees the Finance and Energy Management, Ms. Kate McCarney has responsibility for Property and Land, including leases, Ms. Orlaith Ferguson, Projects Administrator and last but by no means least, Mr. Cian Murphy, who provides administrative support and has taken a keen interest in Energy Management. They have risen to the challenges of increased activity which is rooted in demographic pressures in the Louth Meath region, and in particular the increased enrolment at all our schools and centres.

The demand placed on the Team has been further driven by the challenges presented by Covid19 and despite the challenges of remote working and the restrictions on economic activity during lockdown, the Team members showed their tremendous flexibility and resilience as they progressed all projects with good humour and passion which ensured the continuity of teaching, learning and training be maintained across the ETB. I hope that this overview assists the reader in understanding the enormous contribution that staff have made throughout a very challenging period.

In 2020 we delivered on the priorities set by the Minister for Education Ms. Norma Foley, T.D., Mr. Sean O'Foughlú, Secretary General at the Department of Education, Mr. Simon Harris T.D., Minister for Further and Higher Education, Research, Innovation and Science (DHFERIS) and Mr. Jim Breslin, Secretary General, DHFERIS, to ensure continuity of teaching, learning and training could be maintained across the ETB. Our Team is immensely proud to have delivered on this commitment.

The Board of LMETB has played a crucial role in supporting the collective achievements of LMETB and I would like to acknowledge its contribution, in particular the members of the Land and Buildings Sub-Committee. The membership of the Land and Buildings Sub-Committee comprises Mr. Bill Sweeney (Chair), Cllr. Sharon Tolan, Cllr. Nick Killian, Cllr. Maria Murphy, Cllr. John Sheridan and Cllr. Antoin Watters. LMETB has made governance a key priority and our Land and Buildings Sub-Committee is tasked with very detailed "Terms of Reference". These Terms of Reference take account of the provisions enshrined in the Education and Training Board Act, 2013 and the Code of Governance for ETB's as set out in Circular Letter 0002/2019.

It is important to point out the foregoing legislation and governance arrangements provide a framework whereby decisions pertaining to capital projects, procurement of leases, procurement of additional lands and the disposal of assets are transparently reviewed by the Land and Buildings Sub-Committee and the recommendations of this Sub-Committee are brought to LMETB for confirmation.

I want to bring your attention to a very innovative development occurring in LMETB, namely our new Advanced Manufacturing Training Centre of Excellence in Dundalk which was the brainchild of our Chief Executive. More on that later...!!

The Land and Buildings Department has established and maintained excellent working relationships with key stakeholders. This, coupled with LMETB's vision and experience allows us deliver state of the art capital projects within time and on budget. Key stakeholders, to whom we are very grateful, include the Department of Education, the Department of Further and Higher Education, SOLAS, the leadership of Meath County Council and Louth County Council and a whole host of consultants nationally.

Within LMETB there is excellent support from our school and centre leaders who engage fully with the design, construction and snagging of the various projects. There is also huge support provided by the Corporate, Human Resource and Finance Departments.

Year on year the scale and number of projects increase, 2021 is no exception and we look forward with enthusiasm to an exciting year ahead. I am delighted to welcome Ms. Veronica Feeney who will join the LMETB Land and Buildings Team in April. Veronica brings a wealth of experience with her in both major building projects and procurement.

Le gach dea ghúí,

Sinéad Murphy
Assistant Principal Officer

March 2021

Project Management

New School Buildings

Major Extensions

Minor Extensions

Temporary Accommodation

Summer Works Projects

Emergency Works Projects

Minor Works Grants

Capital Furniture & Equipment

Capital ICT

Land Acquisition

Property Management

Leases/Licences

Rent of Premises

Energy Management

Capital Finance

Capital Procurement



RIGHT
Beaufort College, Navan

What we do

Land and Buildings is one of the 5 pillars in the Directorate for Organisation Support and Development. It has responsibility for a wide range of activities ranging from the day-to-day administration and management of all capital and building projects to the management of various capital balances, risk management, budget oversight and control, compliance with statutory approvals and with DoE Technical Guidance Documents (TGD's).

Reporting to the Director of OSD and the Chief Executive, our remit spans the full lifecycle of a building project from the initial application to the relevant Government Department/SOLAS through all five stages as set out by our parent department - Stage 1 Submissions/Reports, Stage 2 Preliminary Design, Stage 2a Developed Design, Stage 2b Detailed Design, Stage 3 Tender Action, Stage 4 Construction, Stage 5 Handover and Final Account.

The Team liaise with key stakeholders including, but not limited to, Department of Education, Department of Further and Higher Education, Research, Innovation and Science, SOLAS, the Board, school patrons and relevant professionals (including architects, quantity surveyors, engineers, contractors), statutory bodies and auditors. The Land and Building Department ensures that its work is in compliance with the Public Spending Code and with EU procurement rules. We also ensure that all necessary statutory approvals are in place and that our projects adhere to the Department of Education's latest technical guidance, including Design Team procedures. Essentially, we oversee the design, procurement and delivery of state-of-the-art education and training buildings from start to turnkey finish. We pride ourselves on delivering 5-star education and training buildings for our learners on time and on budget.

The Team oversee a substantial portfolio of owned, leased and licenced premises. This involves maintaining a register of these properties and ensuring that the file on each is complete. We engage with our procured legal advisors to ensure the correct administration of all building contractual matters. Energy Management falls under the remit of the Land and Buildings Department and we have made enormous progress in this space in the face of a significant climate urgency.

Financial management and governance of capital projects is a mammoth task and includes monitoring and maintaining up to date records of capital payments, originating, preparing, issuing and tracking capital reports, ensuring paperwork relating to ongoing projects is up to date. The Team also ensures that all funding is requested on time from the DoE/SOLAS, ensuring certificates of payment are received, reviewed, approved and paid on time with DoE/SOLAS approval. The Team also monitors cash-flow and ensures that projects are kept within budget. €19 million expenditure was processed in 2020.

All of our capital projects are subject to the requirements of the Public Spending Code, audited by the Internal Audit Unit (IAU) and the Comptroller & Auditor General (C&AG) as well as DoE individual project audits. We are pleased to have received a clean certificate of audit from the C&AG for 2020 and we acknowledge the key role played by the C&AG under the expert guidance of Mr. Martin Byrne, Senior Auditor in ensuring that governance standards are maintained.

Land and Buildings Team



Lisa Harte
Assistant Staff Officer



Kate McCarney
Clerical Officer



Orlaith Ferguson
Agency Staff



Cian Murphy
Agency Staff

Capital Developments 2020

Coming on top of the incredible developments in robotics and automation at the Advanced Manufacturing Training Centre of Excellence being developed in Dundalk, 2020 has been a time of remarkable development in LMETB. Capital expenditure in 2020 was over €19 million with the completion of many projects including a major extension at St. Peter's College, Dunboyne, a new school for Coláiste Clavin, Longwood and a major extension at Beaufort College, Navan. Scoil Uí Mhuirí, Dunleer's major devolved extension reached substantial completion in August which was welcomed greatly by the school as the project had been delayed following the termination of the original contractor. Likewise at Ratoath College, a completion works contractor was appointed in 2020 and we look forward to reaching substantial completion of this project in the coming weeks.

It was with great excitement that just before Christmas, LMETB received the positive news that it had yet again been selected as the patron of first choice by the Dunshaughlin community. Having secured patronage of a new 600 post primary school for Dunshaughlin - Coláiste Rioga, LMETB has made representation to the DoE to agree a long-term projected enrolment of 1,000 for this school. If LMETB is successful in this regard we hope to construct a 1,000 pupil school on our new site at the Willows in Dunshaughlin, complete with a Special Needs Unit.

We are very pleased to have secured a permanent site for our Ard Rí Community National School and confirm contracts were signed in late December 2020. This site will accommodate a new 16 classroom school with a 4 class Special Needs Unit and will provide a location that will enable a new school for St. Ultan's Special School, Navan to be constructed. We have agreed to oversee the construction of both schools on this site at the same time and we are very pleased to lend our support to St. Ultan's in this regard.

2020 Capital Spend €19 MILLION

In the foreword I made reference to our new Advanced Manufacturing Training Centre of Excellence in Dundalk. This project was formally announced by Minister Humphreys T.D., the then Minister for Business Enterprise and Innovation who confirmed that LMETB was successful in its application under stream 2 of the Border Enterprise Development Fund. Following the Minister's announcement LMETB was delighted to receive a letter of offer on 28th September 2020 from Enterprise Ireland confirming the conditions of offer. In short, Enterprise Ireland committed €4,499,829 or 80% of the cost of the Advanced Manufacturing project. Match funding (20%) had previously been approved by Mr. Andrew Brownlee, Chief Executive SOLAS prior to our application to Enterprise Ireland. LMETB wish to thank Minister Humphreys for spearheading the launch of Ireland's first ever Border Enterprise Development Fund and LMETB encourage her successors to continue this worthwhile funding innovation in a post Brexit Ireland.

Training Centre, Dundalk and a full electrical rewire of the Further Education Building in King Street, Drogheda were approved by SOLAS. As a result of Covid19, minor works grants in excess of €1 million were also received for our schools and centres. This funding allowed significant improvements to be made to existing facilities. LMETB want to fully acknowledge the devolved capital allocation made by SOLAS each year. This allocation enables a quick response to urgent needs within Further Education and Training at local level. In this regard we acknowledge the commitment and leadership of Ms. Emma Leonard, Department of Higher and Further Education (DHFERIS), Ms. Nessa White SOLAS and Mr. Gerry O'Connor, SOLAS for their enthusiasm and for empowering us respond promptly to urgent needs at local level by making this grant available to us.

New Capital projects during 2020 included the approval for a major extension for Dunshaughlin Community College and 2021 will see the project move through the first stages of design. Approval for a permanent extension to Coláiste na hInse, Laytown was received following confirmation by LMETB of its agreement to a new long-term projected enrolment of 1300 students. Additional accommodation was provided for Drogheda Institute of Further Education. A boiler replacement project for the Regional Skills and

2020 Capital Spend Breakdown of Categories

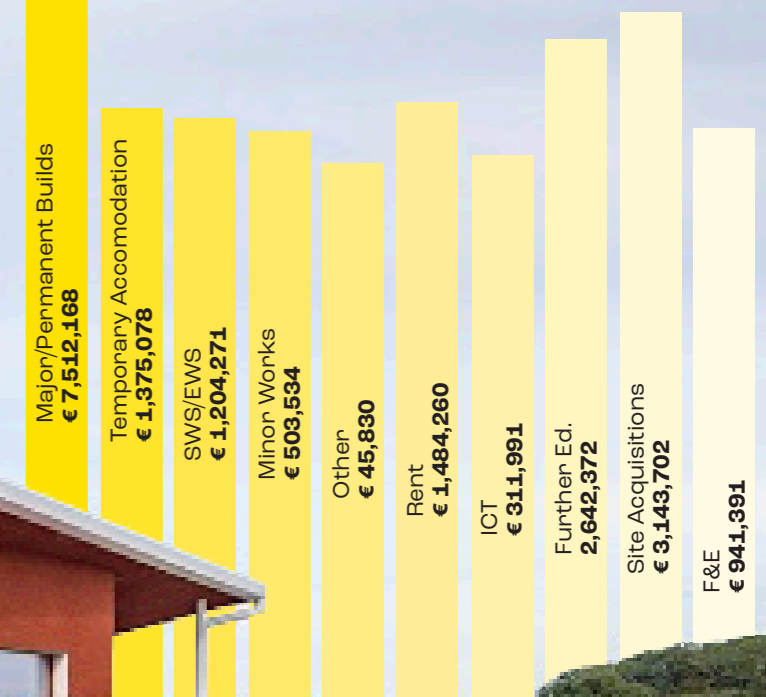


PHOTO
Scoil Uí Mhuirí, Dunleer
Richard Hatch Photography

Capital Spend

2019 - 2021

2019 ■
 2020 ■
 2021 est. ■

€8M

€6M

€4M

€2M

0

Major/ Permanent Builds

Further Education

Site Acquisitions

Temporary Accommodation

Furniture and Equipment

Summer/Emergency Works Scheme

Rent

Minor Works

ICT

Other



2019
€9,557,096

PHOTO ABOVE: Official Opening of Coláiste Clavin, Longwood, 20th September 2019



2020
€19,164,597

PHOTO ABOVE: 1st day at Dunshaughlin Community National School September 2020



2021
€23,043,811

PHOTO ABOVE: Image of new LMETB Headquarters building Drogheda

Active Building Projects

The table below gives an overview and update of the active building projects currently being managed by LMETB's Land and Building Department.

+€200 MILLION

School Building Projects

School/Centre	Project	Status
1 Advanced Manufacturing Training Centre of Excellence, Dundalk, Co. Louth	Conversion of Facility to Advanced Manufacturing	Stage 3
2 Ard Rí Community National School, Navan, Co. Meath	Temporary Accommodation	Stage 4
3 Ard Rí Community National School, Navan, Co. Meath	New 16 classroom school and new school for St. Ultan's Special School, Navan. Major Devolved Project	Await approval to procure Design Team
4 Ashbourne Community National School, Ashbourne, Co. Meath	Temporary Accommodation	Stage 2b
5 Beaufort College, Navan, Co. Meath	Additional Accommodation Major Permanent Extension - Devolved	Stage 1
6 Bush Post Primary School, Riverstown, Dundalk, Co. Louth	Major Devolved Permanent Extension	Stage 3
7 Coláiste de Lacy, Ashbourne, Co. Meath	Major Permanent Extension	Stage 2b
8 Coláiste na hInse, Laytown, Co. Meath	Additional Accommodation - Major Permanent Extension - Devolved	Stage 1/2
9 Coláiste na hInse, Laytown, Co. Meath	Emergency Works	Stage 5
10 Coláiste na Mí & St. Mary's Special School, Navan, Co. Meath (Johnstown School Campus)	Major Permanent Extension for Coláiste na Mí and new school for St. Mary's Special School	Stage 3
11 Dunshaughlin Community College, Dunshaughlin, Co. Meath	Additional Accommodation - Major Permanent Extension - Devolved	Stage 1
12 Dunshaughlin Community College, Dunshaughlin, Co. Meath	Summer Works Project	Stage 5
13 Enfield Community College, Enfield, Co. Meath	New 1,000 pupil school	Await approval to appoint Design Team
14 LMETB Head Office Building, Drogheda, Co. Louth	New Headquarters Building - Major Devolved Project	Stage 2b
15 O'Carolan College, Nobber, Co. Meath	New 675 pupil school	Stage 2b
16 O'Faich College, Dundalk, Co. Louth	Summer Works Project	Stage 5
17 Ratoath College, Ratoath, Co. Meath	Major Devolved Permanent Extension	Stage 4
18 Scoil Uí Mhuirí, Dunleer, Co. Louth	Major Devolved Permanent Extension	Stage 5
19 St. Oliver's Community College, Drogheda, Co. Louth	Temporary Accommodation	Stage 1
20 St. Oliver's Community College, Drogheda, Co. Louth	Summer Works Project	Stage 5
21 St. Oliver's Community College, Drogheda, Co. Louth	Additional Accommodation - Major Permanent Extension - Devolved	Await approval to procure the Design Team
22 St. Peter's College, Dunboyne, Co. Meath	Special Needs Unit - Temporary Accommodation	Stage 3
23 St. Peter's College, Dunboyne, Co. Meath	Special Needs Unit - Permanent Devolved	Stage 2b

- Stage 1 Submissions/Reports
- Stage 2 Preliminary Design
- Stage 2a Developed Design
- Stage 2b Detailed Design
- Stage 3 Tender Action
- Stage 4 Construction
- Stage 5 Handover and Final Account



RIGHT
Site Plan for new LMETB Headquarters, Drogheda

Further Education Projects

School/Centre	Project	Status
24 Further Education Centre, King Street, Drogheda, Co. Louth	Full Electrical Rewire Project	Stage 4
25 Regional Skills and Training Centre, Dundalk, Co. Louth	Boiler Replacement Project	Stage 4
26 Youthreach Laytown, Co. Meath	Temporary Accommodation	Stage 4
27 O'Faich College, Dundalk, Co. Louth	Temporary Accommodation	Stage 3
28 O'Faich College, Dundalk, Co. Louth	Emergency Works Scheme	Stage 4
29 Dunboyne College of Further Education, Dunboyne, Co. Meath	Refurbishment Works	Stage 4
30 Drogheda Institute of Further Education, Drogheda	Temporary Accommodation	Stage 2b

Projects Devolved to LMETB by Department of Education for other schools/patrons

School/Centre	Project	Status
31 Bellurgan National School, Dundalk, Co. Louth	Special Needs Unit including Temporary Accommodation	Procurement of Design Team
32 Boyne Community School, Trim, Co. Meath	Temporary Accommodation	Stage 5
33 Loreto Secondary School, Navan, Co. Meath	Additional Accommodation - Major Permanent Extension - Devolved	Await approval to procure Design Team
34 St. Peter's National School, Dunboyne, Co. Meath	New 5 classroom school with 2 class Special Needs Unit	Stage 2b
35 St. Mary's National School, Enfield, Co. Meath	3 class Special Needs Unit	Stage 3
36 Skerries Educate Together National School, Skerries, Co. Dublin	4 class Special Needs Unit	Stage 1/2
37 St. Ciaran's Community School, Kells, Co. Meath	Additional Accommodation - Major Permanent Extension - Devolved	Procurement of Design Team
38 St. Francis National School, Dundalk, Co. Louth	Additional Accommodation - Major Permanent Extension - Devolved	Stage 1 Permanent project/ Stage 3 Temporary project

Property & Land

The property section of the Land and Buildings Department is responsible for all property and land matters and includes the acquisition of land, lease/licencing of land or buildings, use of facilities and all matters in relation to regularisation of title deeds for all properties.

In 2020 LMETB had 75 buildings in its ownership or under its control at a total annual rent of over €1.5 million. Of these, 25 are owned, 23 leased, 17 licenced, and 10 were in use by LMETB under other agreements.

The portfolio of property usage is broken down into 2 administration buildings, 4 Community National School buildings, 21 Second Level School buildings, 8 Youthreach buildings and 40 Further Education & Training buildings.

Dunboyne College of Further Education is located in Dunboyne Business Park with 16 buildings being leased or licensed. The College has expanded exponentially year on year with currently over 1,000 students. A Strategic Assessment Report for a new site and College has been submitted to SOLAS and we await instruction in relation to the next steps for this exciting project.

LMETB successfully completed the acquisition of a site for Ard Rí Community National School in 2020 and we look forward to Department approval in 2021 to procure a full Design Team to commence design. The purchase of a site in Dunshaughlin was also finalised in January 2021 for our Dunshaughlin Community National School and our newest school, Coláiste Rioga. I would like to extend my thanks to Mr. Murty Hanly, Ms. Mary Duffy and Mr. Austin Curry from the Department of Education Site Acquisition Department for their support and approval to purchase these sites.



ABOVE
Site for Ard Rí Community National School and St. Ultan's Special School, Navan

Use of Facilities

In line with Department of Education circular (M18/05 & 16/05) on the sharing of school facilities with the community LMETB fully supports and recommends that school facilities should be made available to local communities where possible. LMETB has policies and procedures in place to facilitate this and in accordance with these policies all clubs/societies must submit an application for approval, accompanied by their insurance. There has been a marked reduction in applications in 2020 with COVID 19 restrictions in place and fewer sporting and club events permitted.

Number of Use of Facility Applications

2018/2019	2019/2020
74	36

Capital Procurement

The Land and Buildings Department has responsibility for all capital procurements within LMETB. This consists of tendering for all consultants and contractors in-line with Department of Education guidelines and national and EU procurement rules and regulations. We use the Department of Education and Capital Works Management Framework (CWMF) suite of documents which have been developed to ensure that the key objectives (i.e. more efficient delivery of projects, better value for money and greater cost certainty at tender stage) of the Government's decision of 4 May 2004 (S29837) in relation to public sector construction procurement reform are achieved.

During 2020 LMETB advertised 45 separate competitions for Architects, Civil and Structural Engineers, Mechanical and Electrical Engineers, Quantity Surveyors, Project Supervisor Design Stage and building contractors and successfully awarded contracts to all.

LMETB acknowledge the work and dedication of the Planning and Building Unit (PBU) of DoE expertly led by Mr. Hubert Loftus, Assistant Secretary General. I wish to personally acknowledge the support provided to me on an ongoing basis from both the School Capital Appraisal Section (SCAS) Team led by Mr. Eamonn Cusack and the Team in the Devolved Section headed by Mr. Gary O'Doherty. Know that your hard work, commitment and dedication is greatly appreciated.



ABOVE
Photograph taken following the conferral in UCC of the ETBI UCC Certificate in Procurement Management students (NFQ Level 8) on Thursday 21st November 2019. In total, seventeen students from eleven ETBs graduated.

From Ms. Mary Keane, LMETB, Ms. Sinéad Murphy, LMETB, Ms. Helen McDonald CMETB, Ms. Veronica Feeney, CMETB



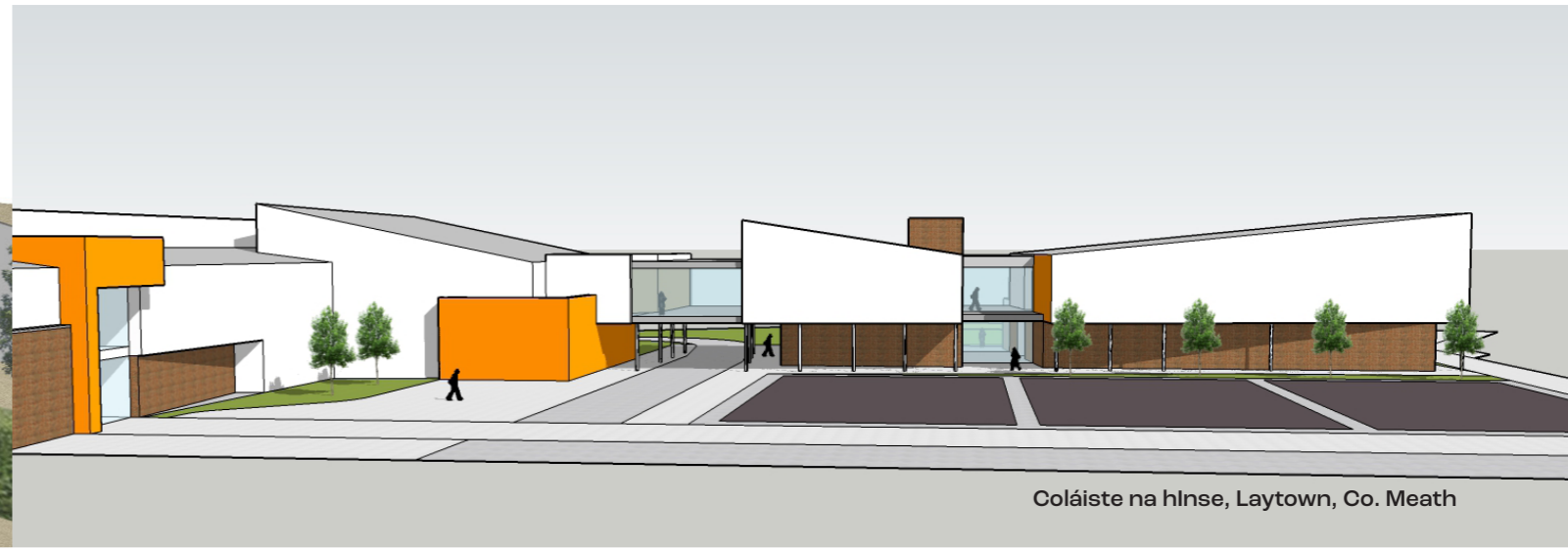
Bush Post Primary School, Riverstown, Dundalk, Co. Louth



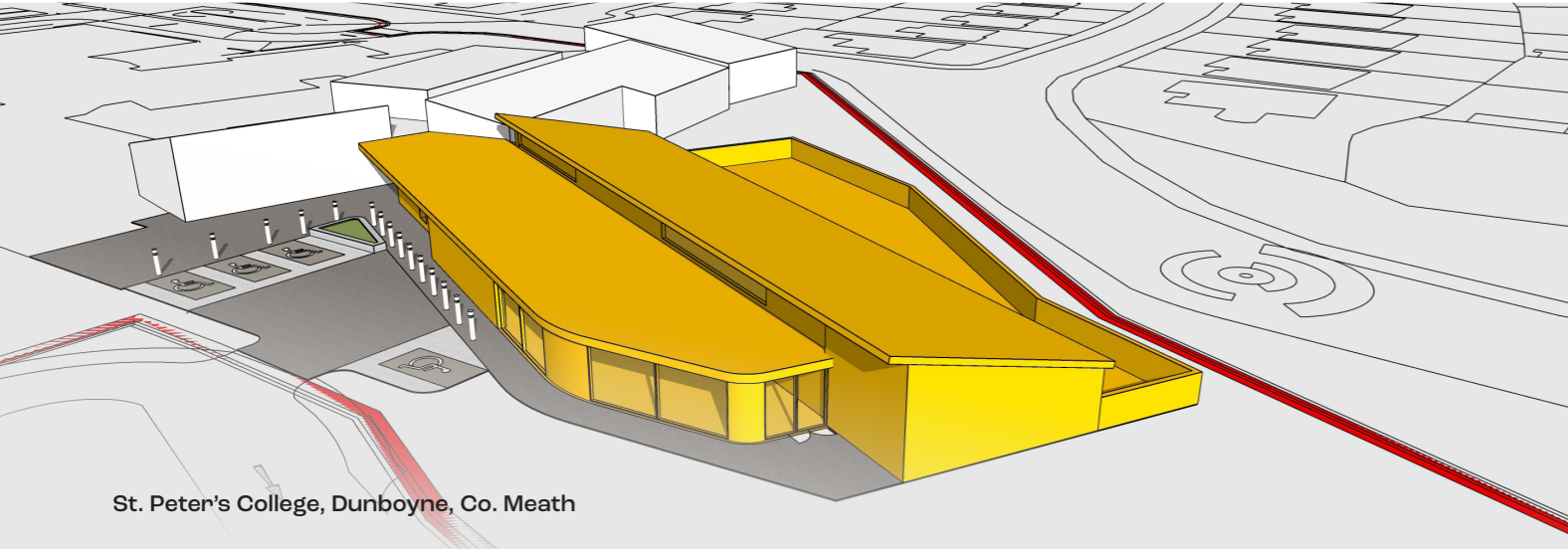
St. Mary's Special School, Navan, Co. Meath



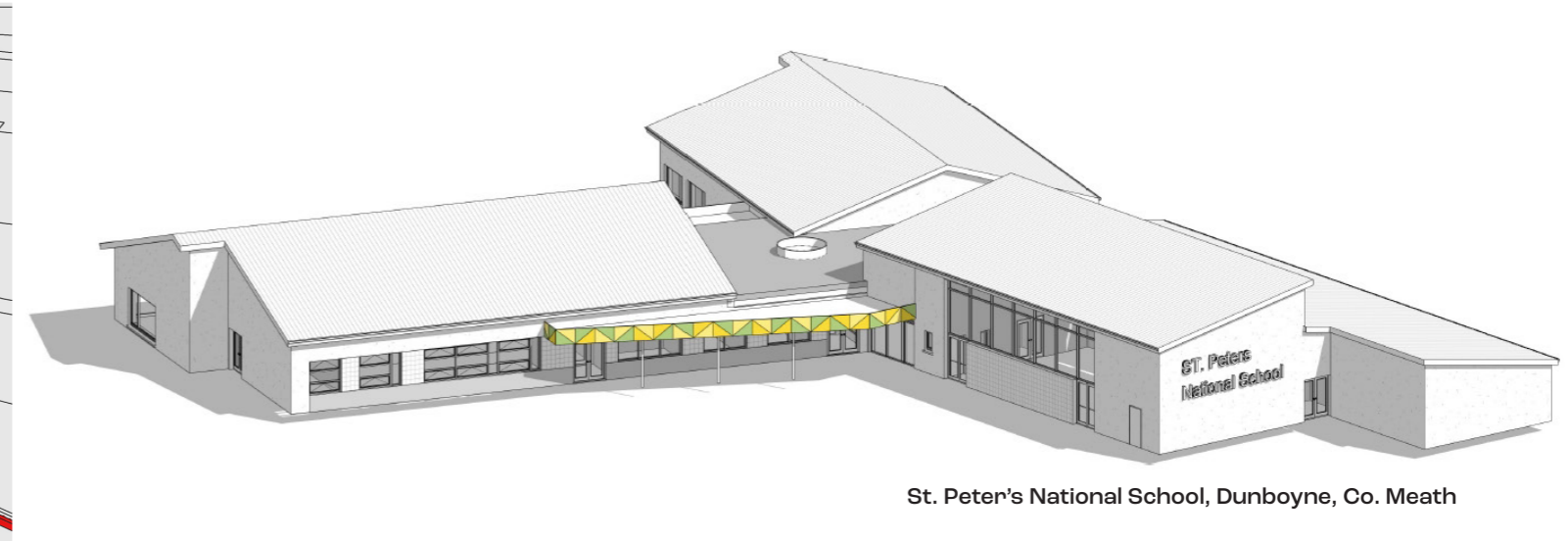
O'Carolan College, Nobber, Co. Meath



Coláiste na hInse, Laytown, Co. Meath



St. Peter's College, Dunboyne, Co. Meath



St. Peter's National School, Dunboyne, Co. Meath



Coláiste na Mí, Navan, Co. Meath



Beaufort College, Navan, Co. Meath

Advanced Manufacturing Training Centre of Excellence

I am pleased to report that the Advanced Manufacturing Training Centre of Excellence is progressing at pace. The Centre is located in the Xerox Business Park in Dundalk, Co. Louth on the Dublin to Belfast Economic Corridor and has been established by Louth and Meath Education and Training Board in collaboration with Enterprise Ireland (EI), Regional Skills Forum – North East (RSF-NE), the Industrial Development Authority (IDA), Institute of Manufacturing Research (IMR) and key border companies.

The AMTCE is focused on the development and delivery of training for the manufacturing sector nationally. The centre will deliver training programs starting in the first half of 2021 which are designed to support people in employment who wish either to reskill or upskill. The training provided will enable both a regional and national response to the changing needs of the manufacturing sector which is driven by the need to adopt industry 4.0 technologies and practices. The centre will also provide training through apprenticeships and traineeships for people who are interested in pursuing careers in the advanced manufacturing domain. The 55,000 square foot facility features a variety of state-of-the-art equipment in robotics/cobotics, computer aided design/manufacture, additive manufacturing, virtual and augmented reality technologies as well as many others. The centre is developing a Maker Lab facility to provide workshop and project-based activities for schools in the region to encourage and promote innovative thinking and practice among second level second level students through the creative

use and application of technology. The centre also features conference and business centre facilities to host industry events and will act as a focal point to catalyse innovative practices in companies through the adoption and application of industry 4.0 technologies.

The AMTCE project will develop and pilot the application of skills fore sighting in collaboration with training and technology specialists and will contribute to addressing the disruptions impacting the future of work. It will provide a pipeline of skilled, innovation ready current and future workers to border region employers enhancing the employability of learners in high skills and high rewards sectors in the border region. The AMTCE will provide companies with direct access to world industry standard advanced manufacturing equipment, learning factories, prototype facilities for new products and access for learners to work on real business projects. The project addresses the realities of international competition facing companies in the sector which makes the adoption of productivity-enhancing technologies in manufacturing an absolute imperative.



Launch of Border Enterprise Fund 28th September 2020, AMTCE. L-r Mr. Martin G. O'Brien, CE LMETB, Mr. Andrew Brownlee, CEO, SOLAS, Mr. Brian Murphy, Director of OSD, LMETB, Minister Humphreys T.D., then Minister for Business Enterprise and Innovation, Ms. Sinéad Murphy, Head of Land and Buildings LMETB, Ms. Sadie Ward McDermott, Director of Further Education, LMETB, Cllr. Nick Killian, then Chair LMETB

AMTCE will make a substantial positive social and economic contribution to counteract the impact of Brexit on Irish Business. It will build the resilience of businesses to withstand global shocks and support businesses in the border region by maintaining their competitive advantage in global markets. In addition, the AMTCE is an all-Ireland initiative and directly supports the Good Friday Agreement and the related Political and Peace Processes.

The strategic alliance with the IMR centre (Rathcoole/ Mullingar) and with the Advanced Manufacturing and Technology Centre in Coventry, UK, will ensure that the project develops, and delivers, highly relevant training programmes. It will also give border region employers direct and local access to the innovation and solutions driven services of these key organisations.

The AMTCE supports EI, IDA, Local Enterprise Offices (LEOs) and other relevant state agencies in supporting new start-ups, expanding existing FDI enterprises and attracting new FDI enterprises to the border region. EI was clear, in approving the funding for the project, that "there is no other FET project of this scale, range of services in the Border Region or at National level".

The centre is viewed as a timely and relevant Brexit initiative and an effective response to rapid technology change. The AMTCE will operate some of the most advanced industry standard manufacturing equipment in the world and the Director Dr. Michael McGrath will head up a team of highly skilled engineers and technicians, all of whom will be experts in their field.

This project is the missing part of the Irish manufacturing ecosystem comprising IMR, higher education, and now, further education. The project will enable the Further Education Sector to play its part in fulfilling the training element that has been under-represented within the above mentioned ecosystem. The project is also part of a broader network already in place. This all-Ireland project with links to 3rd level institutions in Belfast, DKIT, Portview Enterprise Centre, Belfast and ERNACT (European Regions Network for the Application of Communications Technology) promises to be one of Ireland's most innovate projects of this decade.

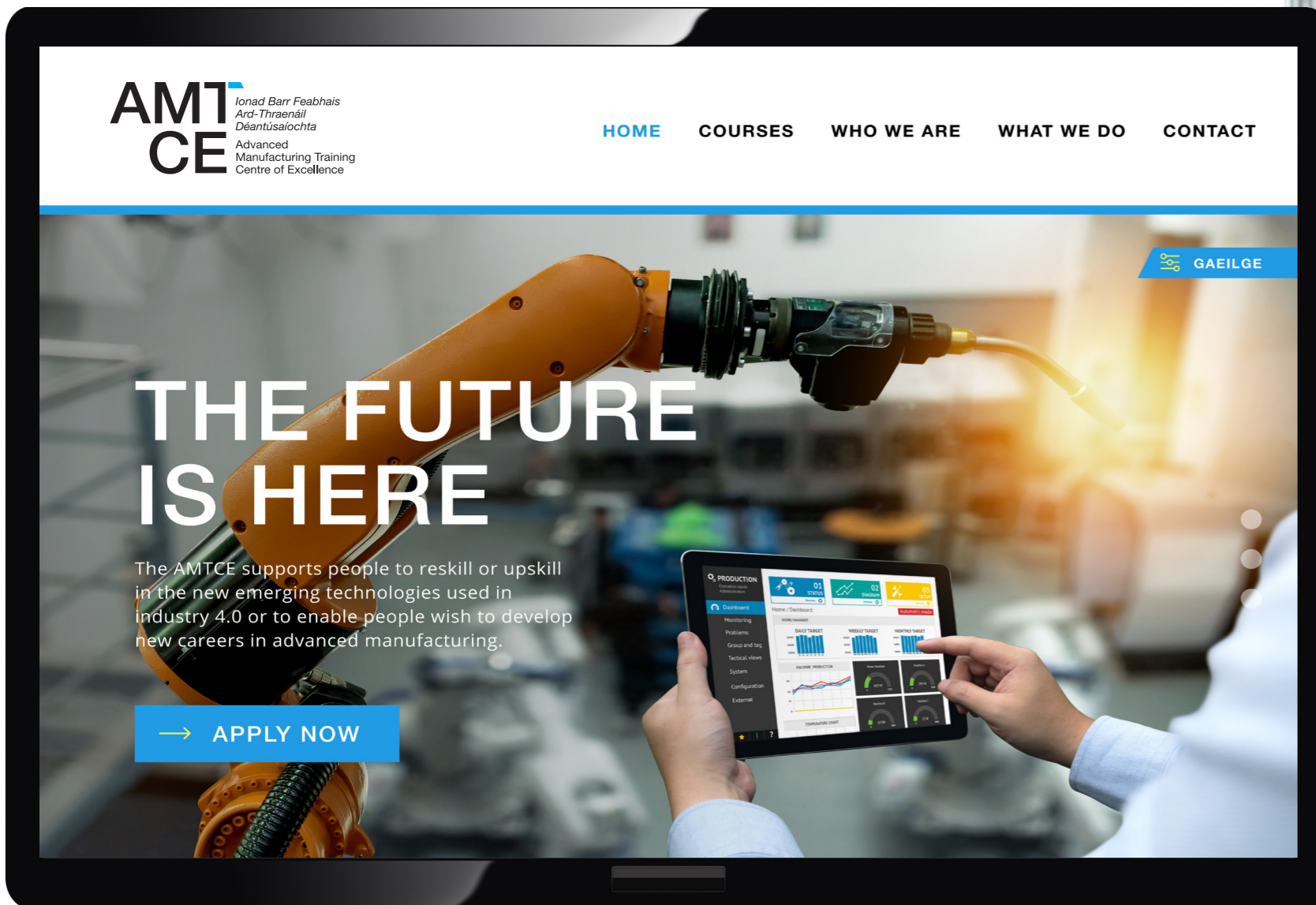
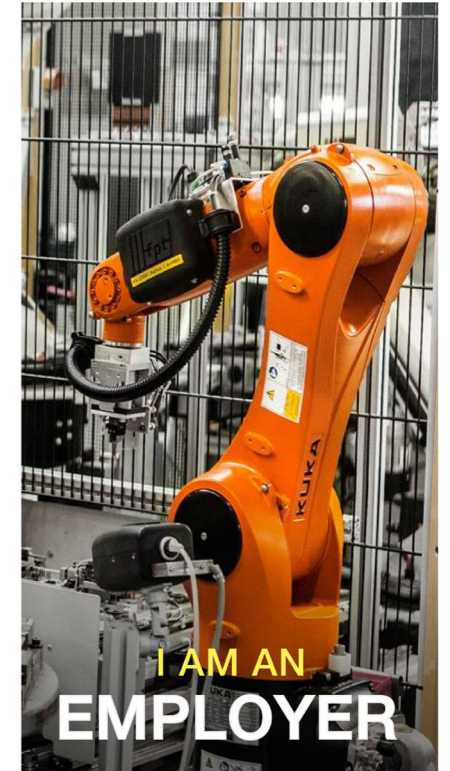
The project also has an established network in the EU and nationally. This enables the project to be close to all research and development at a European level and allows the sector to leverage same. The proposed project has been designated, by SOLAS, as a national flagship project whose benefits and outputs in terms of curricula, course and programme development and research will be shared and made available for use within the wider FET sector.

Having secured a lease on the premises at Dundalk we are now in the final stages of setting out the schedule of accommodation to facilitate delivery of courses at the site. The Land and Buildings Department will shortly procure a contractor to turn this schedule of accommodation into physical spaces appropriate to the delivery of our exciting range of courses.

Advanced Manufacturing Training Centre of Excellence New Website

Visit amtce.ie

**AMT
CE**
*Ionad Barr Feabhais
 Ard-Thraenáil
 Déantúsaíochta*
 Advanced
 Manufacturing Training
 Centre of Excellence



Dr. Michael J. McGrath - Director

Michael is an experienced and accomplished technical leader with 25 years innovating across a variety of sectors. In his role as Director, Michael is responsible for the management and governance of the AMTCE on behalf of the LMETB. In his role he provides leadership for the AMTCE team, manages the centre's relationships with key industry leaders and stakeholders and drives delivery of high-quality training programs which meet the needs of industry and address identified skills gaps both regionally and nationally.

As a technical leader, he has led teams developing innovative solutions for the Industrial, MedTech, Smart Cities and Telecommunications sectors. He has also successfully developed and led industrial research programs funded at both National and European level and B2B initiatives such as the Intel-BT co-lab located in Adastral Park in the UK.

He has a broad technical experience including IoT, Cyber Physical Systems, Network Function Virtualisation (NFV), Cloud Computing and Sensors. A creative and strategic thinker, he holds 3 patents with 15 pending, has over 40 peer review publications and has published two books on sensor applications. Michael holds multiple post-graduate qualifications including a PhD in sensors and instrumentation from Dublin City University and various professional registrations and certifications including Chartered Chemist (CChem) and Scientist (CSI), Prince2® Practitioner, IPMA Level-C® and SAFE 5® SM.



Primary Schools

- Ard Rí Community National School, Navan, Co. Meath
- Ashbourne Community National School, Ashbourne, Co. Meath
- Dunshaughlin Community National School, Dunshaughlin, Co. Meath
- Faughart Community National School, Dundalk, Co. Louth

Second Level Schools

- Beaufort College, Navan, Co. Meath
- Bush Post Primary School, Riverstown, Dundalk, Co. Louth
- Coláiste Chu Chulainn, Dundalk, Co. Louth
- Coláiste de Lacy, Ashbourne, Co. Meath
- Coláiste na hInse, Laytown, Co. Meath
- Coláiste na Mí & St. Mary's Special School, Navan, Co. Meath (Johnstown School Campus)
- Coláiste Rioga, Dunshaughlin, Co. Meath
- Coláiste Pobail Ráth Chairn, Co. na Mí
- Dunshaughlin Community College, Dunshaughlin, Co. Meath
- Enfield Community College, Enfield, Co. Meath
- O'Carolan College, Nobber, Co. Meath
- O'Faich College, Dundalk, Co. Louth
- Ratoath College, Ratoath, Co. Meath
- Scoil Uí Mhuiri, Dunleer, Co. Louth
- St. Oliver's Community College, Drogheda, Co. Louth
- St. Oliver Post Primary School, Oldcastle, Co. Meath
- St. Peter's College, Dunboyne, Co. Meath

Further Education Centres

- Advanced Manufacturing Training Centre of Excellence, Dundalk, Co. Louth
- Adult Education Centre Athboy
- Adult Education Centre Drogheda
- Adult Education Centre Dundalk
- Adult Education Centre Kells
- Adult Education Centre Navan
- Adult Education Centre Trim
- Ardee Youthreach
- Ashbourne Youthreach
- Drogheda Institute of Further Education
- Drogheda Youthreach
- Dunboyne College of Further Education
- Dundalk Youthreach
- Further Education Centre, King Street, Drogheda, Co. Louth
- Kells Youthreach
- Laytown Bettystown Youthreach
- Navan Youthreach
- O'Faich College, Dundalk, Co. Louth
- Regional Skills and Training Centre, Dundalk, Co. Louth
- Trim Youthreach
- Youthreach Laytown, Co. Meath

Other

- Bellurgin National School, Dundalk, Co. Louth
- Boyne Community School, Trim, Co. Meath
- Loreto Secondary School, Navan, Co. Meath
- St. Peter's National School, Dunboyne, Co. Meath
- St. Mary's National School, Enfield, Co. Meath
- Skerries Educate Together National School
- St. Ciaran's Community School, Kells, Co. Meath
- St. Francis National School, Blacknock, Co. Louth



Looking Ahead to 2021

The LMETB Capital plan provides for expenditure of over €23 million in schools and centres in 2021. Significant projects include, but are not limited to, the commencement onsite of a major permanent extension at Bush Post Primary School, approval to appoint a Design Team for a new school for Ard Rí Community National School, Navan, which will include the construction of a new school for St. Ultan's Special School, completion of the major extension at Ratoath College, commencement of our newest school in Dunshaughlin, Coláiste Rioga (1,000 pupils) and Enfield Community College (1,000 pupils).

The building projects at O'Carolan College, Nobber, (new 575 school), Coláiste na Mí, Navan, (Phase 2 extension for 650 pupils) and a new school for St. Mary's Special School, Coláiste de Lacy, Ashbourne, (Phase 2 extension for 600 pupils), St. Peter's College, Dunboyne, (Special Needs Unit), St. Mary's National School, Enfield (Special Needs Unit), are expected to progress to construction stage this year.

The long-term projected enrolment of Coláiste na hInse, Laytown increased to 1300 which gives rise to the commencement of a major devolved extension. LMETB agreed that Beaufort College, Navan increase their long-term projected enrolment to 1,000 and as a result approval for a permanent extension and Special Needs Unit will continue through design stage.

Approval for a major extension at Dunshaughlin Community College is secured and the process is now underway to design a permanent building which will accommodate 1500 students.

2021 will see the provision of temporary accommodation for Ashbourne Community National School, Ard Rí Community National School, Navan, Boyne Community School, Trim, St. Ciaran's Community School, Kells, O'Fiaich College Dundalk, and St. Oliver's Community College, Drogheda.

LMETB continue to support non-ETB schools and projects currently devolved to LMETB including a new school for St. Peter's National School, Dunboyne, a Special Needs Unit for Skerries Educate Together National School, a major extension including temporary accommodation for St. Francis National School, Blackrock, Dundalk and for St. Ciaran's Community School, Kells, temporary accommodation at Boyne Community School, Trim and a Special Needs Unit for St. Mary's National School, Enfield, Co. Meath. We also expect to support the delivery of an extension for Bellungan Primary School, Jenkinstown, Dundalk and Loreto Secondary School, Navan, Co. Meath.

ABOVE
Ratoath College



The Schedule of Accommodation for St. Oliver's Community College, Drogheda has been approved. This is a very significant permanent extension with an estimate costs to be in the region of €10m to €12m depending on the final design. This is the largest investment ever secured for St. Oliver's since its foundation. This will be a state-of-the-art iconic building whose futuristic aspect will enhance the Drogheda landscape.

Following ongoing dialogue with the Department of Education we expect to secure a revised Schedule of Accommodation shortly for the new LMETB Headquarters in Drogheda. Once received LMETB will reengage the design team to develop final designs and secure necessary statutory approvals.

LMETB have identified a site for education purposes south of Dundalk and have made a submission to the Department to procure this site.

The Advanced Manufacturing Training Centre of Excellence in Dundalk is to be redesigned internally to neatly align with advanced manufacturing requirements and this will be delivered through a design and build procurement process.

A further increase in PLC allocated places will have a knock-on effect of requiring significant ongoing investment in all further education centres. A request for major capital funding has been made to SOLAS. An application to SOLAS for funding to secure a suitable site for Dunboyne College of Further Education will continue to be progressed during 2021.

LMETB wish to acknowledge the support provided by the Planning and Building Unit of the Department of Education (PBU – DoE), SOLAS and our new Department of Further and Higher Education, Research, Innovation and Science who have provided robust support for Further Education and Training across Louth and Meath and in particular their support for the Advanced Manufacturing and Training Centre of Excellence located in Dundalk.

2021 est. Capital Spend
€23 MILLION

Energy Management

LMETB is fully committed to meeting the national and international energy and climate goals and objectives set out by Government. LMETB is partnered with the SEAI Public Sector Partnership programme which has been running for several years based on a 33% energy efficiency improvement target by 2020, which I am happy to say LMETB has not only met but exceeded this target. New and more ambitious targets of 50% improved energy efficiency are to be achieved by public sector bodies by end 2030.

LMETB has an Energy Team in place and work closely with the SEAI Programme Support Manager to develop energy plans and policies and to drive initiatives in our schools and centres. LMETB has appointed an Energy Performance Officer at Senior Management Team level and staff have been attending energy courses to enhance their knowledge including Energy Map Training (SEAI), Energy Basics (SEAI), Monitoring & Reporting (SEAI) and Energy in Education. Senior Management commit to continuous improvement in Energy performance and will ensure the necessary resources to achieve its objectives and energy targets are in place.

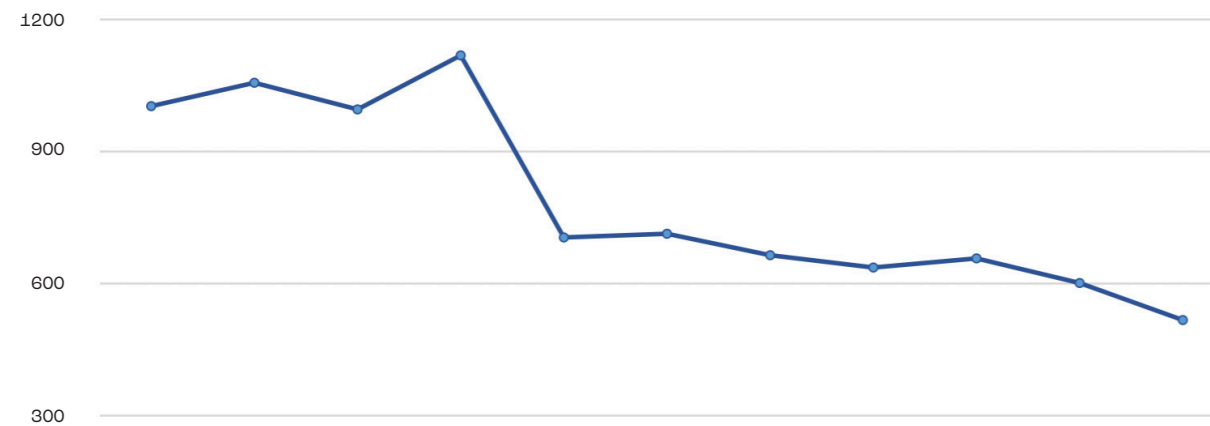
Efficiency gains are being achieved through implementation of a structured energy management programme, establishment of an annual action plan, retrofits, building and facility upgrades and overall through awareness and behavioural change in the organisation.

Public bodies are required to report annual energy efficiency data to the Sustainable Energy Authority of Ireland (SEAI) which manages the reporting process on behalf of the Department of Communications, Climate Action and Environment (DCCAE). Below is a graph of LMETB's performance.



Energy Performance indicator - kWh per student

2009 - 2019



Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
EnPI	1002.49	1055.61	995.11	1117.72	704.57	713	664.25	636.32	657.05	601.17	517.11

Baseline 2009: 1002kWh Target: 672kWh Achieved 2019: 517kWh





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Per Cent for Art

The Per Cent for Art scheme is a government initiative, first introduced in 1978, whereby 1% of the cost of publicly funded major capital, infrastructural and building development can be allocated to the commissioning of a work of art.

LMETB's Land and Buildings Department proudly oversaw the commissioning and installation of 9 Per Cent for Art projects completed in 2020, under the direction of Art Curator, Ms. Rina Whyte. The collection is a culmination of the inspiration, effort and dedication of the working group at each location. The working groups were made up of artist, students and school staff. The groups undertook workshops and interactive sessions along with the gathering of relevant historical and cultural information to inform the projects.



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- 1 Ratoath College
Artist: Kevin Killen
- 2 Coláiste de Lacy, Ashbourne
Artist: Kevin Killen
- 3 Scoil Uí Mhuirí, Dunleer
Artist: NEON
- 4 St. Peter's College, Dunboyne
Artist: Kevin Killen
- 5 Coláiste na Mí, Navan
Artist: Louise Kimmerling
- 6 Coláiste Clavin, Longwood
Artist: Louise Kimmerling
- 7 Beaufort College, Navan
Artist: NEON
- 8/9 Dunshaughlin Community College
Artist: Louise Kimmerling
- 10 Coláiste na hInse
Artist: Lynn Kirkham



10



Imetb

*Bord Oideachais agus
Oiliúna Lú agus na Mí*
Louth and Meath Education
and Training Board



**AMT
CE**

*Ionad Barr Feabhais
Ard-Thraenáil
Déantúsaíochta*
Advanced
Manufacturing Training
Centre of Excellence

Staff & Visitor
Car Park ↑
Disabled Parking ↑