2022 ACTIVITY REPORT

IGBC
IRISH GREEN BUILDING COUNCIL

Leadership for a Sustainable Built Environment

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Who We Are

The Irish Green Building Council (IGBC) is a fully inclusive organisation of all those willing to work together within the built environment to transition to sustainability in the shortest time possible.

We are the leading authority on green building best practices in Ireland, with a network of over 300 organisations spanning the entire built environment industry.

We are affiliated with the World Green Building Council, a network of over 80 national Green Building Councils worldwide with a total membership of over 27,000 of the most progressive international organisations and businesses.

IGBC
IRISH GREEN BUILDING COUNCIL

Our mission is to accelerate systemic change to a sustainable built environment through collaboration, education, advocacy, innovation, and measurement.

Chairman's Foreword

Looking back at 2022, I am extremely proud of what we achieved as an organisation and a community. Our membership grew significantly, reinforcing our position as a unique network of organisations spanning the entire value chain of the built environment, and climate and biodiversity are now higher on everyone's agenda.

The "Building a Zero Carbon Ireland" roadmap launched in October set comprehensive policy recommendations, and details practical sector-specific actions that we can all implement to decarbonise our built environment. It was extensively discussed in the Oireachtas, and will form the basis of our advocacy work for 2023. To support this work, I strongly encourage all our members to endorse the roadmap on the IGBC website. The launch of Ireland's new construction technology centre was another highlight of the year, and we are delighted to be part of it. Construct Innovate will be key in delivering the innovation we need for a more sustainable built environment, and IGBC members can now opt-in to join it for free. Exciting tools and training programmes were developed to support our transition to net zero. Version 3 of the Home Performance Index (HPI) is now aligned with the EU Taxonomy for sustainable activities, and a marketplace for the reuse of construction materials (CMEx) was launched. New training courses on LCA, LCC and Indoor Air Quality are available on the IGBC's learning hub, and communities of practice on ESG and Whole Life Carbon were launched for members to collaborate and learn from each other.

Despite all these positive developments, one cannot forget that 2022 saw record temperatures and extreme events across the world, and that we must do more. In 2023, the IGBC will keep advocating for a more sustainable built environment at European and national level. We will continue to collaborate with our members on projects to address whole life carbon, promote circularity and support high quality energy renovation at scale. We will also develop additional training programmes, communities of practice and tools to accelerate the transition a fully decarbonised, circular and resource efficient built environment.

On behalf of the Council, I would like to thank all our members and sponsors for your support and commitment. I look forward to working with you as we continue to campaign for a better built environment, and to seeing you at one of the many events scheduled this year.

Declan Alcock
Chairman

Meet The Board

Declan Alcock
Varming Engineering

Patrick Atkinson
Chadwicks Group

Alan Cawley
John Sisk & Sons

Orla Coyle
Savills

Claire Pomroy
Hines

Patrice McVeigh
O'Connor Sutton Cronin

Niall Crosson
Ecological Building Systems

Orna Fox
PM Group

Ali Grehan
Dublin City Council

Laura Heuston
Sustainability Works

Philip Lee
Philip Lee Solicitors

Joseph Little
TU Dublin

Joe Miller
RIAI

William O'Donnell
IN2 Engineering

Kevin O'Rourke
Marchena Management Services Ltd.

Krystyna Rawicz
KRA Renewables

2022 At Glance

Leading the Built Environment towards a Zero Carbon Future

BUILDING A COMMUNITY

340 members

RAISING STANDARDS

16500+ registered HPI homes

85+ EPD published for ***190+*** building products

1160+ projects registered on One Click LCA's Carbon Designer Tool for Ireland

RAISING AWARENESS

18000 social media followers

800+ people attended our live events

100+ mentions in the media

IMPROVING SKILLS

400+ professionals trained

1600+ registered for webinars & training

560+ course mail subscribers

DRIVING CHANGES

11 policy submissions

Building a ***Zero Carbon Ireland Roadmap*** launched

Two presentations to ***Oireachtas Committees***

#BuildingLife Ambassadors Ciaran Cuffe MEP, Frances Fitzgerald MEP, Eoin Ó Broin TD, Cian O'Callaghan TD at the launch of the draft roadmap to decarbonise Ireland's built environment.

Minister Darragh O'Brien at Better Homes for the launch of Home Performance Index v3.0

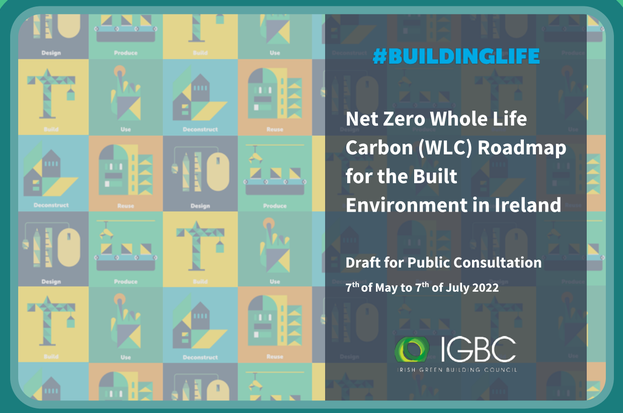
Launch of Construct Innovate with Tánaiste Leo Varadkar in July.

Launch of Construct Innovate with Tánaiste Leo Varadkar in July.

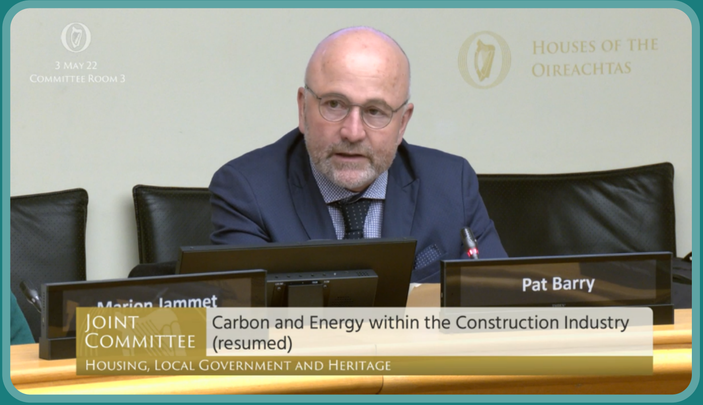
Minister Eamon Ryan at Build Green Now for the launch of the draft roadmap to decarbonise Ireland's built environment.

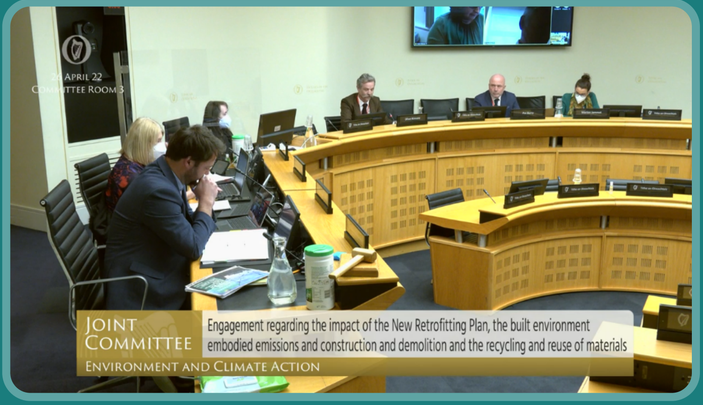
Minister Ossian Smith at the launch of Building a Zero Carbon Ireland roadmap

2022 Highlights



Launch of the Draft Roadmap with Minister Eamon Ryan





IGBC discussing embodied carbon and circularity in Dáil at Oireachtas Committees

January

February

March

April

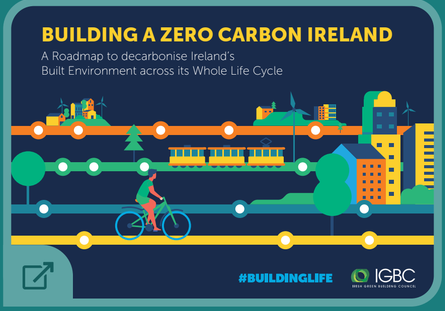
May

June

July

August

World Green Building Week - 2022



Launch of "Building a Zero Carbon Roadmap" with Minister Ossian Smith

Launch of version 3.0 of the HPI

Launch of CMEx (Construction Materials Exchange)

Launch of Construct Innovate (Ireland's Construction Technology Centre)

September

October

November

December

We Educate

In 2020 and 2021, the pandemic transformed the way the IGBC organised events and training switching to online formats. In 2022, we were able to return to live conferences while maintaining training online to allow attendees and speakers to join across Ireland and beyond.

Thanks to our members that sponsored our events

12 live events and tours with ***800+*** attendees

Launch of Life Cycle Costing Training and Indoor Air Quality Training

300+ professionals trained to learn how to measure the carbon emissions associated with their building design

1000+ attended our webinars on circularity in construction, renovation and green public procurement

116+ Home Performance Index assessors trained

60+ trained to take the LEED Green Associate exam this year

4 mail courses with ***560+*** subscribers on Sustainability in the Built Environment, Advancing Net Zero, Circular Economy and Nature & Biodiversity

250+ digital resources on the learning hub, browsed ***3500*** times

The IGBC is working on a number of initiatives to facilitate upskilling in energy efficiency, circularity, indoor air quality and much more.

We launched an updated version of the Build Up Skills Up Advisor App which allows building professionals and construction workers to identify energy renovation training courses that suit their needs in a few clicks. [1]

We are developing a roadmap of key skills needed in the construction industry [2], for both building professionals and construction workers to decarbonise our buildings. The roadmap will be developed through extensive stakeholder engagement and will look at energy efficiency, decarbonisation of heating and cooling, circularity and addressing embodied carbon emissions.

We are contributing to the development of a digital learning platform for Ireland, The Digital Academy for Sustainable Built Environment. DASBE provides the construction industry with high-quality, flexible and accessible training in a range of disciplines including energy efficiency, circular economy and digital skills.

The IGBC has also delivered 8 webinars on circularity *showcasing circular materials, tools and case studies to help the industry transition to a circular economy*. [3]

[1] Funded by BUSLeague project (H2020 892894)

[2] Funded by BUSI2030 project (LIFE 101075961)

[3] Funded by Department of Environment, Climate and Communications through the Circular Economy Innovation Grant Scheme (CEIGS) CMEx project

[4] Funded by SEAI ENACT initiative

[5] Funded by the Department of Housing, Local Government and Heritage

Any questions about our training?
Contact Linda

Do you want to sponsor an event?
Get in touch with Tom

Upcoming webinars & Events 2023

From January

MONTHLY WEBINAR
ENABLING COMMERCIAL RETROFIT [4]

From February

NEW WEBINAR SERIES
BIODIVERSITY & BUILT ENVIRONMENT [5]

12th May

CONFERENCE
BUILD GREEN NOW

FIND OUT MORE HERE

WWW.IGBC.IE/EVENTS

We Rate

Home Performance Index (HPI)

Ireland's national residential sustainability certification

16580 new homes registered in 2022.

5000+ new homes across ***29*** schemes aiming for HPI certification in 2023.

27 major developers committed to HPI certification

Launch of Version 3.0. The new version requires Whole Life Carbon and Ecology Assessments. V. 3.0 is aligned with the EU Taxonomy and Level(s) framework.

Home Building Finance Ireland (HBFI) new green loan offers a discount of up to 0.5% for developments certified and AIB is offering all HPI applications a lower-priced option for development loans.

116 professionals trained to perform Home Performance Index assessments

NEXT STEPS

Exploring options for digitisation and an online certification platform

Continuing to align with the evolving requirements for EU Taxonomy

Do you want to know more about HPI?
Get in touch with John and Brian

EPD Ireland

Allowing Irish manufacturers to provide transparent information on the environmental impacts of their building products.

EPD IRELAND

THE ENVIRONMENTAL PRODUCT DECLARATION PROGRAMME

Growth of EPD Ireland

85 Environmental Product Declarations (***98%*** increase).

190+ certified products from ***25*** companies.

180+ EPD available on EPD Ireland Platform from international programme operators.

42 companies signed the EPD campaign, committing to ask for Environmental Product Declarations and prefer products with EPD.

Thanks to all our members who developed and published EPD in 2022

baseTherm
BREEDON
CEMENT MANUFACTURERS IRELAND
MEDITE DEFINING THE STANDARD OF MDF
Partel Save energy. Build smart.
UNILIN INSULATION FOR SMART LIVING

NEXT STEPS

The whole process of developing an EPD is going online

A new Complementary Product Category Rules for Bituminous Mixtures (c-PCR Bituminous Mixtures) will be published at the beginning of 2023 by Transport Infrastructure Ireland (TII) under EPD Ireland

Want more information on how to develop an EPD for your product? Drop a line to Irene

We Innovate

Leading the decarbonization of Ireland and enabling a circular economy in the construction sector

We launched Building a Zero Carbon Ireland, a Roadmap to decarbonise Ireland's Built Environment across its Whole Life Cycle. The report presents a set of recommendations to halve our sector emissions by 2030, and to decarbonise Ireland's built environment by 2050. [6]

Construct Innovate, Ireland's Construction Technology Centre, was launched in partnership with the University of Galway, University College Dublin, Trinity College Dublin and University College Cork.

We are developing a National Inventory of Carbon for generic construction materials for Ireland to be used in early stage building level LCA. [6]

Construct Innovate
Built Environment Research Ireland

[6] Funded by Laudes and IKEA Foundations through #BuildingLife

We reached ***1162*** projects registered on the Carbon Designer for Ireland, a free tool developed by One Clik LCA and launched at the end of 2021. The tool estimates the carbon impact of projects at an early stage of building design. [7]

We are also developing an embodied carbon building rating calculation methodology. [8] Two of its key aims are: Establishing a baseline for whole life carbon in our building practices today and creating a national methodology for consistent measurement based on Level(s).

We launched Construction Material Exchange – CMEx, a marketplace for the reuse of construction materials that would otherwise enter the waste stream. The platform have been piloted by OPW, Green Bubble, Hegarty, Peter McVerry Trust and Murphy Ireland. Check it out and register your organisation! [9]

We contributed to the development of a guide on how to best conserve water for the construction industry together with Irish Water, Construction Industry Federation(CIF), Sisk and Cairn Homes.

[7] Developed by Once Click LCA, funded by LDA and EPD

[8] Funded by SEAI through UpfrontCO2 project

[9] Funded by Department of Environment, Climate and Communications through the Circular Economy Innovation Grant Scheme (CEIGS) CMEx project

Making the Renovation wave roll & promoting healthier and greener homes through sustainable finance

We develop tools to enable the retrofit of Ireland's commercial buildings at scale [10]

We collaborated with AIB on a briefing report 'Commercial Real Estate and Sustainability' released in May, introducing key concepts to investors and developers, in the context of climate risk impacts on both the financial sector and the built environment

Advancing Green Public Procurement (GPP)

We are training professionals and public procurers in LCA, LCC, circularity and IAQ [11]

We hosted a webinar on GPP, and a workshop with the CO_2 Performance Ladder

We piloted an "energy efficiency training clause" as a way to incentivise upskilling of construction workers through public procurement to incentivise upskilling of construction workers [12]

[10] Funded by SEAI through ENACT initiative

[11] Funded by Department of Environment, Climate and Communications, EU LIFE Level(s) project (LIFE 18 GIE/ES/000911) and Laudes and IKEA Foundations through #BuildingLife

[12] Funded by BUSLeague project (H2020 892894)

We Advocate

11 Policy submissions.

Building a Zero Carbon Ireland Roadmap successfully launched, and is now endorsed by a number of members. Endorse it today!

Presentation of the roadmap to two Oireachtas Committees.

"Embodied Carbon in the Built Environment" report published by the Oireachtas' Joint Committee on Housing, Local Government and Heritage.

Motions on Embodied Carbon and Wood for Construction discussed in the Oireachtas

Inputting into the development of the proposed revision of the Energy Performance of Buildings Directive (EPBD) through the World Green Building Council - European Regional Network and the Renovate Europe Campaign.

21 leaders endorsed our #BuildingLife campaign becoming ambassadors, and promoting our call to address the environmental impacts of buildings across their life cycle.

42 companies supported our EPD Commitment Campaign.

Level(s) procurement commitment launched to encourage members in using Level(s) LCA, LCC and IAQ indicators. Join Now!

7 IGBC Members committed to reaching net zero operating emissions in their portfolios by 2030.

Work on improving Indoor Environmental Quality (IEQ) in existing homes through the Healthy Homes Ireland initiative run in partnership with Velux.

SIGN UP

AND CREATE AN

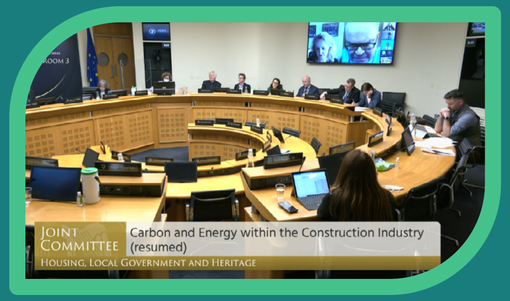
UNSTOPPABLE IMPACT

- *Endorse our "Building a Zero Carbon Ireland Roadmap"*
- *Level(s) up! sign our Level(s) Procurement commitment!*
- *Any queries about how you can help us influence policy? Contact Marion*

2023 GOALS

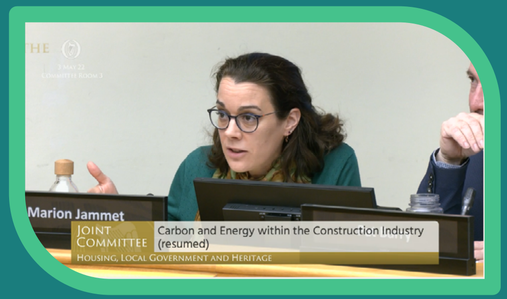
Develop a circularity and a green construction skills roadmaps

Publish a set of recommendations to improve Indoor Environmental Quality (IEQ) in existing homes



Work with our members to successfully implement the policy recommendations included in the "Building a Zero Carbon Ireland" roadmap

Collaborate with other European Green Building Councils and the Renovate Europe Campaign for an ambitious Energy Performance of Buildings Directive (EPBD)



We Collaborate

Transport Infrastructure Ireland on developing Product Category Rules for EPD for road surfacing materials.

Engineers Ireland, the SCSI and RIAI in delivering Whole Life Carbon training to their members.

CITA - Aistriu in developing and hosting the webinars on Circular Economy.

Forestry Policy Group, appointed by Minister of State Pippa Hackett to the Department of Agriculture, Food and the Marine's Forestry Policy Group.

BRE on developing case studies for World Green Building Week.

Velux on the Healthy Homes Ireland initiative.

Irish Water and Unified Water Label Association in promoting water efficiency through training and awareness campaign.

Carrig, KRA, Passivate and the Department of Housing, Local Government and Heritage on the development of Guidance to facilitate retrofit of traditionally built buildings.

University of Galway, the Society of Chartered Surveyors of Ireland, Dublin Chamber of Commerce and Sustainability Works on retrofitting commercial buildings.

AIB in developing briefing report 'Commercial Real Estate and Sustainability'.

Renovate Europe on their advocacy campaign, including on the revision of the EPBD.

Technological University of the Shannon, Construction Industry Federation and Laois Offally Enterprise Board on upskilling of building professionals and construction workers.

UCD's Building in a Climate Emergency Research Group for the development of the assessment of all emissions associated with construction and the built environment in Ireland.

Government Departments, state agencies and built environment professionals on the development of the Building a Zero Carbon Ireland Roadmap under the #BuildingLife project.

World Green Building Council across a range of initiatives and projects, including Advancing Net Zero and #BuildingLife Campaigns.

ECO Platform, Indata and Building Transparency on international collaboration on EPD and digitalisation.

University of Galway, Trinity College Dublin, University College Dublin, University College Cork on Construct Innovate.

We Communicate

110 Mentions

Newspaper/online magazines

8 Podcasts

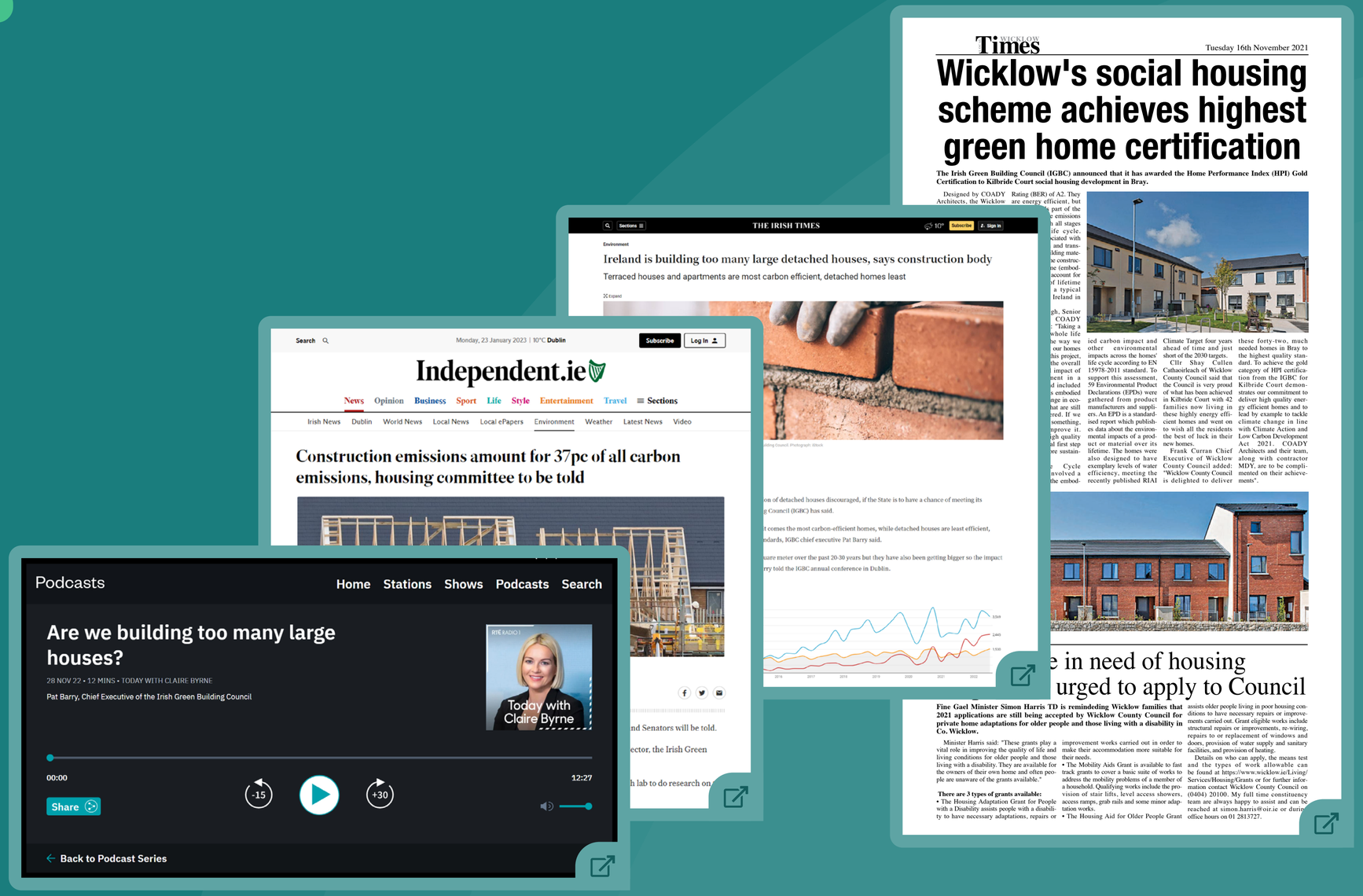
Radio & video interviews

230k+

Page views of igbc.ie

20k

Newsletter opens



11k+

LinkedIn followers

5k+

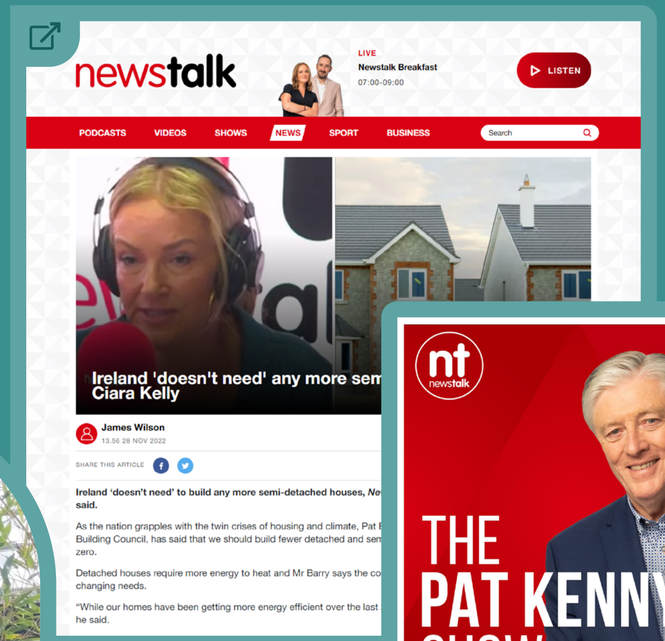
Twitter followers

6200+

Total views on YouTube

11 Blog Posts

#BuildingLife & IGBChats



Interested in writing a blog post?
Want to discuss marketing opportunities?
Get in touch with Irene

Meet The Team

From 2011 to 2022 our team has grown: this year 5 new talented people joined IGBC, and we now have 13 members of staff.

Pat Barry
CEO
pat@igbc.ie

Marion Jammet
Head of Policy and Advocacy
marion@igbc.ie

Tom O'Sullivan
Head of Membership & Education
tom@igbc.ie

John Fingleton
Home Performance Index Technical Officer
john@igbc.ie

Johanna Varghese
Programme Manager
johanna@igbc.ie

Irene Rondini
Marketing, Communications & Project Support Officer
irene@igbc.ie

Laura Salguero
Accounts, Administrative and Membership Assistant
laura@igbc.ie

Stephen Barrett
Whole Life Carbon Lead
stephen@igbc.ie

Patrick O'Reilly
Technical Officer
patrick.oreilly@igbc.ie

Rachel Loughrey
Project Support Officer (Circular Economy)
rachel@igbc.ie

Brian Crowley
Technical Support Officer
brian@igbc.ie

Linda Onzule
Events, Education & Communications Support
linda@igbc.ie

Mary Teehan
Programme Manager (ENACT)
mary@igbc.ie

Platinum Members

AIB
Ardstone Homes
bam
Google
GRANT IRL EFFICIENT HEATING SOLUTIONS
seai SUSTAINABLE ENERGY AUTHORITY OF IRELAND

Gold Members

Activate Capital
ballymore.
bennett
bre
CAIRN
CHADWICKS GROUP
D/RES
Comhairle Cathrach Bhaile Átha Cliath Dublin City Council
I·RES
etex inspiring ways of living
Glenveagh Home of the new.
PAUL John Paul Construction
KSN
LIDL
MERCURY
SAINT-GOBAIN
BUILDERS SISK CONTRACTORS Established 1859
VELUX

Silver Members

AERECO
Bord Gáis Energy
CBRE
collen 1810
ecocem IRELAND
Dulux let's colour
electric Ireland Superhomes
FINE GRAIN PROPERTY
GlenDimplex Ireland
Hegarty Building Contractors
Henry J Lyons
hibernia
Homeland
HSE
hwbc
ILIM
indeed
IPUT REAL ESTATE DUBLIN
IRISH TAR
KINGSCOURT BRICK
Kingspan
Lioncor
MANNOK
MARLET
Gníomhaireacht Bainistíochta an Chisteáin Náisiúnta National Treasury Management Agency
O'Connell Mahon Architects
OPW Oifig na nOibreacha Poiblí Office of Public Works
Reynaers Aluminium
roadstone A CRH COMPANY
savills
SHANNON VALLEY GROUP
Sherry FitzGerald
SIG
SONAS BATHROOMS REIMAGINED
SOPREMA
UNILIN INSULATION
UNITED HARDWARE
Vision Construction
Winthrop Technologies

IGBC

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Leadership for a Sustainable Built Environment

19 Mountjoy Square East, Dublin 1.

01 6815862

info@igbc.ie

www.igbc.ie