

# The Central EPC Register Tools for Building Data Collection Case Study for Ireland

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28<sup>th</sup> November 2013

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# EPC Status November 2013

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- Domestic (apartments, flats and single family homes)
  - 400,000 EPCs
  - 800 Experts
  - 9,175 EPCs published in October 2013
- Non Domestic (all other buildings including hospitals, industrial buildings, offices, retail and schools)
  - 18,000 EPCs
  - 570 Experts
  - 851 EPCs published in October 2013
- Over 20% of buildings in Ireland have EPCs

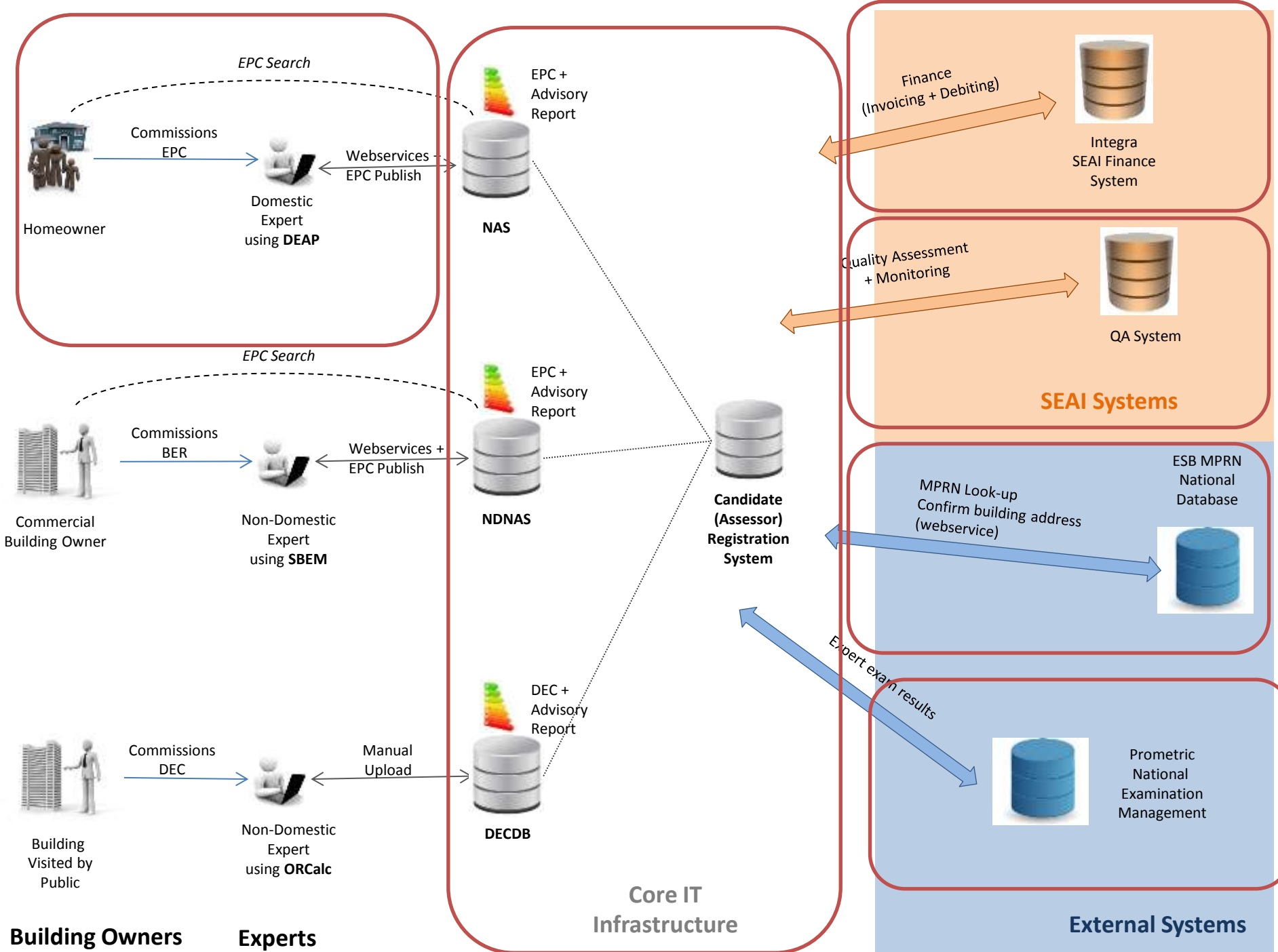
# EPC Administrator View



You are here: [NAS](#) > [Ratings](#) > [Search Ratings](#) > [Search Results](#)

**Search Results**

BER Number	MPRN	Assessor	Result ID	Address	County	Processed/ Issued	Type Of Rating	Errors/ Notices	XML	BER Cert	Advisory Report	Status
<a href="#">105249015</a>	0	[100025] SEAI Internal	10000	TEST DUBLIN 15	Dublin 15	03/05/2013 15:27	New - Provis.	x 4				<a href="#">Published</a>
<a href="#">104359369</a>	0	[100025] SEAI Internal	10000	TEST DUBLIN 15	Dublin 15	03/05/2013 15:21	New - Provis.	x 5				<a href="#">Rejected</a>
<a href="#">105066567</a>	0	[100025] SEAI Internal	10003	1 LOUGH VILLAS CO. C...	Cork City	11/03/2013 12:57	New - Provis.	x 10				<a href="#">Rejected</a>
<a href="#">105066542</a>	0	[100025] SEAI Internal	10001	1 LOUGH VILLAS CO. C...	Cork City	11/03/2013 09:30	New - Provis.	x 10				<a href="#">Rejected</a>
<a href="#">105048524</a>	0	[100025] SEAI Internal	10003	1 LOUGH VILLAS CO. C...	Cork City	05/03/2013 10:23	New - Provis.	x 9				<a href="#">Withdrawn</a>
<a href="#">104804018</a>	0	[100025] SEAI Internal	10010	AAAAAA BBB CCC CO. S...	Co. Sligo	11/12/2012 09:34	New - Provis.	x 4				<a href="#">Withdrawn</a>
<a href="#">104513916</a>	0	[100025] SEAI Internal	10523	UNIT 2 THE HYDE BUIL...	Dublin 18	02/10/2012 09:11	New - Provis.	x 8				<a href="#">Rejected</a>
<a href="#">104513916</a>	0	[100025] SEAI Internal	10020	UNIT 2 THE HYDE BUIL...	Dublin 18	21/09/2012 13:04	New - Provis.	x 9				<a href="#">Rejected</a>
<a href="#">104513916</a>	0	[100025] SEAI Internal	10523	UNIT 2 THE HYDE BUIL...	Dublin 18	21/09/2012 13:04	New - Provis.	x 8				<a href="#">Rejected</a>
<a href="#">104513254</a>	10009679276	[100025] SEAI Internal	10004	AA A CO. CORK	Co. Cork	05/09/2012 13:20	New - Final	x 9				<a href="#">Repairable</a>



EPC Search

Commissions EPC

Webservices EPC Publish

Domestic Expert using DEAP

EPC + Advisory Report

NAS

Finance (Invoicing + Debiting)



Integra SEAI Finance System

Quality Assessment + Monitoring



QA System

SEAI Systems

EPC Search

Commissions BER

Webservices + EPC Publish

Non-Domestic Expert using SBEM

EPC + Advisory Report

NDNAS

Candidate (Assessor) Registration System

MPRN Look-up Confirm building address (webservice)

ESB MPRN National Database



DEC + Advisory Report

DECDB

Expert exam results



Prometric National Examination Management

Core IT Infrastructure

External Systems

Building Owners

Experts

# EPC Public View

**seai** SUSTAINABLE ENERGY AUTHORITY OF IRELAND

National BER Register

Facilitating Ireland's transition to a society based on sustainable energy structures, technologies and practices

To find a BER assessment, please enter either the BER number or the MPRN for the relevant building, then press Search.

BER Number:  **1** BER number is assigned to a building when the first BER is published. It is a 9 digit number printed on the BER Certificate.

MPRN:  **2** Meter Point Reference Number (MPRN) is the ESB meter number for the building. It is an 11 digit number printed on your electricity bills.

[Search](#) [Contact SEAI](#)

**seai** SUSTAINABLE ENERGY AUTHORITY OF IRELAND

National BER Register

Facilitating Ireland's transition to a society based on sustainable energy structures, technologies and practices

BER Details - Dwelling [Contact SEAI](#) [Search Again](#)

BER

Address	Date of Issue	Type Of Rating
TEST DUBLIN 15	03-05-2013	New Dwelling (Provisional)
Building Energy Rating	Date Valid Until	DEAP Version
E1 331.67 (kWh/m <sup>2</sup> /yr)	03-05-2015	3.2.1
CO2 Emissions Indicator	BER Number	<a href="#">Download Advisory Report</a>
70.58 (kgCO <sub>2</sub> /m <sup>2</sup> /yr)	105249015	
	MPRN	
	0	

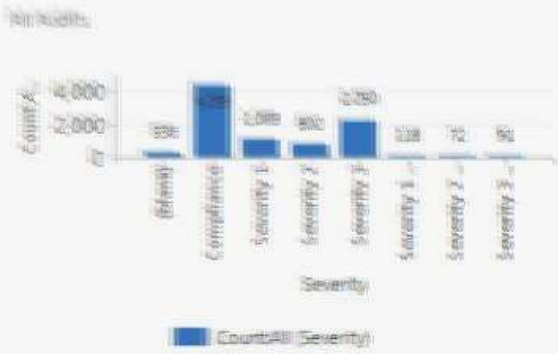
Dwelling Details

Dwelling Type:	Floor Area:	Main Space Heating Fuel:
Semi-detached house	132.25 (m <sup>2</sup> )	Gas
No. of Storeys:	Wall Type:	Main Space Heating Efficiency:
2	Masonry	76.7%
Year of Construction:	Glazing Type:	Main Water Heating Fuel:
2010	Single / Double Glazing	Gas
	% Low Energy Lighting:	Main Water Heating Efficiency:
	50%	76.7%

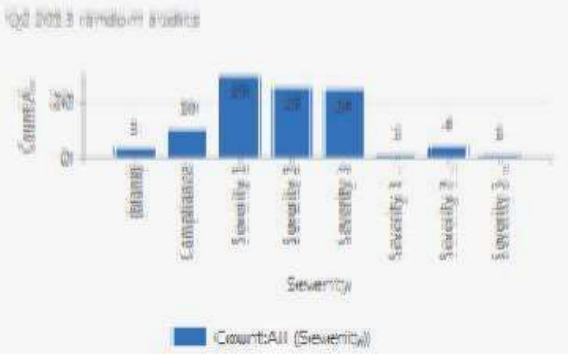
# Quality Assurance

Dashboard: BER QA Dashboard

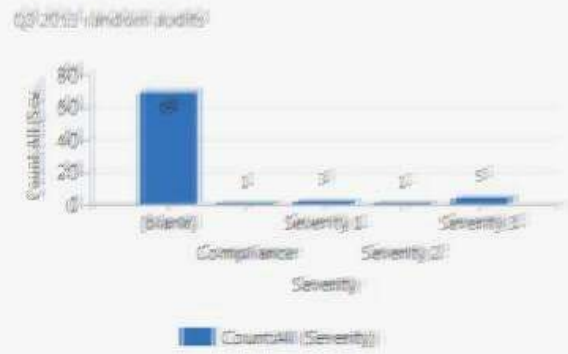
Audits by Severity



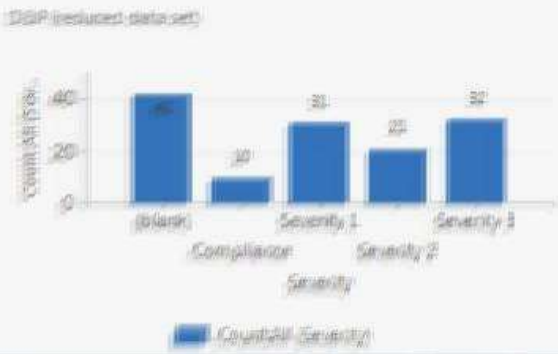
Audits by Severity



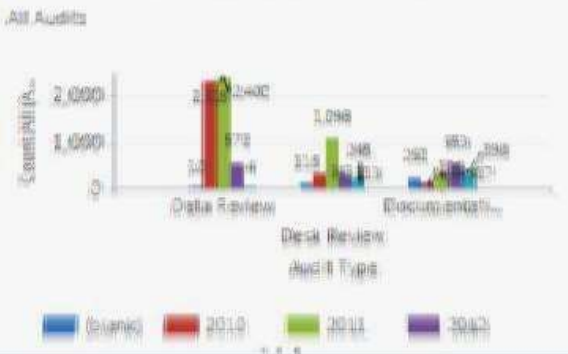
Audits by Severity



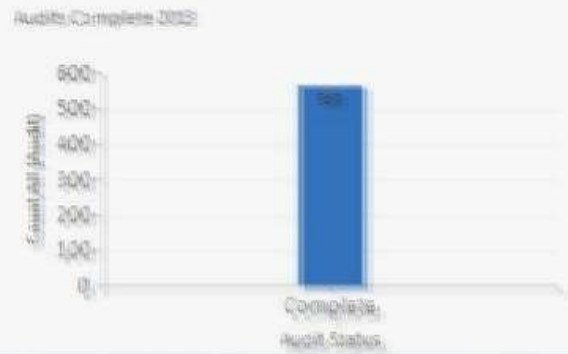
Audits by Severity



Audit by Audit Type and Date Audit Report...



Audit by Audit Status



- > Public Sector Programme
- > Energy Performance of Buildings Directive (EPBD)
- > **Building Energy Rating**
  - > Householders
  - > Non Domestic Building Owners
  - > Large Public Buildings Owners
  - > Domestic BER Assessors
  - > Non Domestic BER Assessors
  - > Display Energy Certificates (DEC) Assessors
  - > National Register of BER Assessors
  - > National BER Register
  - > Advertising of BER
  - > **National BER Research Tool**
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  - > Disclaimer
  - > BER Contact Info
  - > Whistleblower Policy

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## National BER Research Tool

The BER Research Tool gives researchers access to statistical data from the Building Energy Rating (BER) scheme which is administered by the Sustainable Energy Authority of Ireland. The BER certificate indicates the annual primary energy usage and carbon dioxide emissions associated with the provision of space heating, water heating, ventilation and lighting to the dwelling. This tool provides access to information on all aspects of construction that affect the energy performance of dwellings. Results can be viewed on screen or downloaded in the form of a Microsoft Excel spreadsheet.

<https://ndber.seai.ie/BERResearchTool/ber/search.aspx>

Data is updated nightly, so search results represent an up-to-date summary of certified residential Building Energy Ratings.

A user information guide is available for download following registration. Users are encouraged to read the detail provided in the guide in the context of interpretation of the information made available via the tool. Specific queries can be forwarded to [info@seai.ie](mailto:info@seai.ie)

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# Revenue Neutral Model

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- Self-financing model
- Revenues received from:
  - EPC expert registration and annual renewal fees
  - Registration levy for each EPC published
- Revenues used for:
  - Systems design & development - technical methodologies and software, codes of practice, rules and procedures (complaints, disciplinary etc.), finance and business process software, website, etc.
  - Ongoing support and maintenance - staffing, licenses, helpdesk, legal advice, etc.
  - Quality assurance - auditing systems and personnel, examinations
  - Marketing & promotion – advertising, industry engagement, media

# Thank You



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Ireland's EU Structural Funds  
Programmes 2007 - 2013

Co-funded by the Irish Government  
and the European Union

*The Sustainable Energy Authority of Ireland is partly  
financed by Ireland's EU Structural Funds Programme co-  
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