

Public Sector Energy Conference



Leadership in Action **towards 2030**

#ReduceYourUse



Rialtas na hÉireann
Government of Ireland

How we light Ireland is changing for the better

Information on the National Public
Lighting Energy Efficiency Project





Do Chomhairle:
ag lasadh ár bpobal –
ag cosaint ár n-aeráid
Your Council:
lighting our community –
protecting our climate

About the project

- 21 local authorities
- Together they will upgrade apx. 210,000 public lights through an investment of apx. €150 million.

Once complete, the project will:

- Avoid c. 22,000 tonnes of CO2 emissions each year
- Save c. 68 million kWh in energy
- Save local authorities €12m in energy and maintenance costs each year.





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About the project – nationally

- It is being rolled out on a regional basis with a lead authority managing the roll out and in each of three regions.
- The national project is being coordinated and supported operationally by the Road Management Office (RMO), a shared service of the local authorities.





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Southern Region

The southern region is managed by **Cork County Council** and includes c. 75,000 lights across the following local authority areas:

- Clare County Council
- Cork County Council
- Kerry County Council
- Limerick City and County Council
- Waterford City and County Council



Southern Region



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Authority	Start	Completion	Energy Saving kWh	Tonnes CO2/year
Cork	April 2022	Jan 2024	8,307,476	2457
Clare	May 2023	August 2024	2,603,852	770
Kerry	Jan 2023	April 2024	3,086,619	913
Limerick	April 2023	August 2024	4,668,364	1381
Waterford	Jan 2023	June 2024	4,400,395	1302
Totals			23,066,706	6,823



Southern Region



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- Luminaires to be retrofitted: 77,162
- Luminaires to be Surveyed: 95,652
- Budget **€53.7M** incl. VAT
- up to 18 crews at peak (surveying, Col replacement and Retrofitting)



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Eastern Region

The eastern region is managed by Kilkenny County Council and includes 83,000 lights across the following local authority areas:

- Carlow County Council
- Kildare County Council
- Kilkenny County Council
- Louth County Council
- Meath County Council
- Offaly County Council
- Tipperary County Council
- Westmeath County Council
- Wicklow County Council



Eastern Region



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Authority	Start	Completion	Energy Saving kWh	Tonnes CO2/year
Carlow	Feb 2023	Oct 2023	1,375,936	407
Kildare	Sept. 2023	July 2024	5,099,079	1,508
Kilkenny	Jan 2023	Sept 2023	1,638,342	484,
Louth	May 2024	Jan 2025	3,943,794	1,166
Meath	Jan 2024	Oct 2024	5,328,413	1,576

Authority	Start	Completion	Energy Saving kWh	Tonnes CO2/year
Offaly	March 2023	Nov 2023	1,605,920	475
Tipperary	May 2023	Feb 2024	4,389,624	1,298
Westmeath	Dec 2023	Aug 2024	2,279,199	674
Wicklow	July 2023	May 2024	3,843,081	1,136,
Totals			29,503,389	8,727



Eastern Region



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- Luminaires to be retrofitted: 83,556
- Luminaires to be Surveyed: >120,000
- Budget **€56.5** incl. VAT
- up to 14 crews at peak (surveying, col replacement and Retrofitting)





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North-west region

The north-west region is managed by **Mayo County Council** and includes 45,000 lights across the following local authority areas:

- Cavan County Council
- Donegal County Council
- Galway County Council
- Leitrim County Council
- Mayo County Council
- Roscommon County Council
- Sligo County Council



North Region



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Authority	Start Provisional	Completion Provisional	Energy Saving kWh	Tonnes CO2/year
Cavan	Q2 2023	Q3 2025	811,630	249
Donegal			2,240,748	670
Galway County			2,993,057	892
Leitrim			980,159	299
Mayo			3,264,050	973
Roscommon			1,197,223	363
Sligo			1,754,039	526
Totals			13,240,906	3,972

Northwest Region



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- Luminaires to be retrofitted: 45,728
- Luminaires to be Surveyed: 73,948
- Budget **€37.5** incl. VAT
- up to 10 crews at peak (surveying, col replacement and Retrofitting)



Value of working together

Communications

- Consistent messaging
- Engagement with stakeholders

Legal Advice

- Consistent across 21 authorities and three regions

Specifications and Contract

- Standardised approach
- Derogation received from OGP to use NEC 4 Option C

Engagement with Stakeholders

- ESNB, NSAI a single voice for the sector

Access to funding

- Climate Action Fund
- Horizon 2020

Ancillary benefits

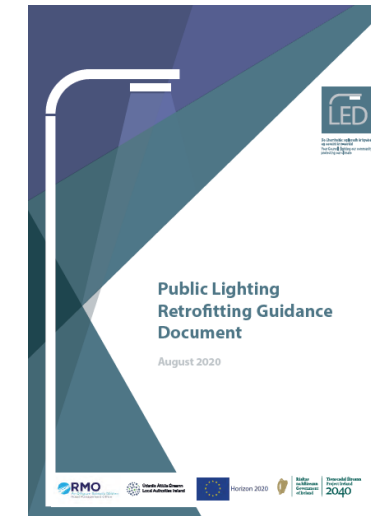
- Asset Management
- Software supports
- Networking



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Climate Action Fund
Guidelines Applying to the
Payment of Financial Support
from the Climate Action Fund
June 2021

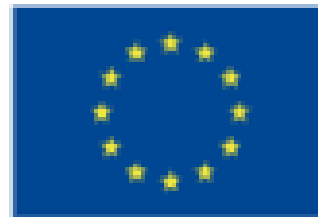


ELENA & Horizon 2020



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- ELENA provides technical assistance for energy efficiency and renewable energy investments targeting buildings and innovative urban transport
- The project is “Co-funded by the Horizon 2020 Programme of the European Union”



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of the European Union





Thank you