



An Roinn Iompair
Department of Transport

zevi
Zero Emission
Vehicles Ireland

Implementation Plan *Update July 2024*

Implementation Plan

July 2024 Update

This Implementation Plan outlines the set of actions and deliverables that support the delivery of the Electric Vehicle Charging Infrastructure Strategy, spanning charging schemes, policies, and strategy-related work. The Implementation Plan consists of four sections: National EV Charging Network Plan, Schemes (particularly funding), Policy & Strategy, and Communications and Reporting.

Overview of the Implementation Planning Process

The Implementation Plan, in its current and future iterations, will provide a comprehensive range of new and expanded measures to support the delivery of electric vehicle charging infrastructure. In turn, this infrastructure will support the Climate Action Plan ambition that nearly 1 in 3 private cars will be an electric vehicle by 2030.

The outcomes of the plan will be supported by complementary actions from other relevant national policies and strategies, which will support delivery of the Climate Action Plan goals.

The Implementation Plan will be reviewed on a regular basis (at least annually) up to 2025 to measure how we are delivering our goals. This will allow us to adopt any lessons learned into any revisions in relation to new or updated plans as we progress to 2025.

The strategy will be implemented in collaboration with other public agencies including Transport Infrastructure Ireland, the National Transport Authority, the Sustainable Energy Authority of Ireland, ESB Networks, the Commission for Regulation of Utilities, and local authorities, as well as private stakeholders.

The implementation actions listed below comprise of priority activities for 2024, with some high-level activities for 2025 also specified.

Specifically, scheme development and capital-funding support for infrastructure for 2025 will be reviewed and considered at the end of 2024.

Actions Delivered in 2023 – Q1 2024

Infrastructure

- The Government, through Zero Emission Vehicles Ireland (ZEVI), is investing €100 million between 2023-2025 in EV infrastructure as we look to accelerate the delivery of EV charging across our national road network and local and regional networks.
- Since late 2022 the number of publicly available charge points has increased from 1,700 in September 2022 to 2,400. In order to achieve our targets, it is expected that we will require between 3,200 – 6,210 public chargers nationally depending on need.
- The €21 million LDV scheme is the first of a number of schemes planned under the National Road Network EV Charging Plan which will see chargers installed every 60km on major roads and is expected to be followed by a second scheme before the end of the year to target the main national road network.
- There are pilot projects currently ongoing with chargers to be installed across Limerick and Dublin with the installation of 30 EV chargers at 15 neighbourhood and destination locations across Limerick City and County and a live Procurement for 200 Charge Points at 50 Locations across the 4 Dublin Local Authorities.
- The FASTER Project has delivered 27 high-powered EV charge points at 14 locations across the counties of Louth, Meath, Monaghan, Cavan, Leitrim, Sligo and Donegal and 1800 kW of charging capacity, delivered across the region.
- €15m is being invested to support the Shared Island Sports Scheme which will look to deliver up to 200 fast chargers in sports clubs across the island.

- A further €15 million is being invested to support EU Just transition Fund scheme, which is planned to install 60-80 chargers in community facilities across Laois, Longford, Offaly, Westmeath, Roscommon and the Municipal Districts of Ballinasloe (Co. Galway), Athy, Clane-Maynooth, (Co. Kildare), Carrick-on-Suir and Thurles (Co Tipperary).

Vehicles

- Irish drivers are also accelerating the switch to electric vehicles, with over 120,000 EVs now on our roads (end March 2024), representing c.4.5% of the national fleet, and of which almost 67,000 are fully battery electric.
- Current Government supports available for vehicles include:
 - A purchase grant for battery electric vehicles (BEVs) of €3,500.
 - An apartment charger scheme.
 - Benefit-in-Kind tax relief for battery electric vehicles.
 - VRT relief of up to €5,000 for BEVs.
 - eSPSV grant scheme – a grant for taxi drivers to make the switch to an EV.
 - ZEHDV grant scheme – a grant for HDVs to bridge the gap between a low emission vehicle.
 - Low rate of annual motor tax.

Stakeholder Engagement

- In the development of the Regional and Local charging Network Plan a working group was established consisting of representatives from select local authorities, ESB, TII, Failte Ireland, NTA and SEAI. This group provided feedback and input throughout the development of the plan.
- In June a conference was held in Athlone for energy and infrastructure groups, while the vehicles group met in Dublin. The infrastructure workshop focused on universal design guidelines and the vehicles workshop covered barriers to owning an EV and an update from SIMI on sales figures.
- The End of Year Stakeholder event took place in the Aviva Stadium in Dublin and it involved both vehicles and infrastructure stakeholders. Some of the general key themes raised across both groups were Grants, En-Route Charging, Funding/Budgeting and Interoperability.
- In the development of the Universal Design Guidelines over 45 different stakeholders were engaged, either through one-to-one calls, survey, or both. The public consultation provided an opportunity for the public and stakeholders to have their say and to identify any additional best practices which may not have been considered. Following the consultation and feedback the guidelines have been updated for publication.

The Implementation Plan

1. National EV Charging Network Plan:

The focus of this section is to produce a national EV charging network plan, made up of the National Road Network EV Charging Plan and the Regional and Local EV Charging Network Plan. The plans and associated initiatives and targets will drive the delivery of charging infrastructure for Ireland giving reassurance and certainty for EV drivers and will also help deliver on Ireland's requirements under the European Union's Alternative Fuel Infrastructure Regulation (AFIR).

The plans involve engagement with stakeholders including Transport Infrastructure Ireland (TII), regional assemblies/local authorities (RAs/LAs), charge point operators, and ESB Networks (ESBN), as well as key industry

stakeholders such as the freight and logistics sector. The list of milestones below covers the first phase/iteration of the planning exercise. The milestones for subsequent phases will be contained in future editions of the Implementation Plan and will reflect feedback from the previous planning phase.

As part of the planning process, the risks identified in the EV Charging Infrastructure Strategy (electricity grid capacity, site availability, resources, and funding) will be considered along with associated dependencies and actions to mitigate those risks. In addition, other risks that are identified as part of the process will be managed.

Reference Number	Category	ZEVI Workstream	Milestone/KPI	Owner	Support	Timeline	Outcome / Details
1.	National EV Charging Network Plan	National Road Network EV Charging Plan	Delivery of the final version of the National Road Network EV Charging Plan to meet user needs and deliver AFIR TEN-T requirements for both LDVs and HDVs by 2025, 2027 and 2030.	ZEVI	TII, RAs/LAs, ESBN, Charge Point Operators, Freight Sector	Q2 2024	Final version of the National Road Network EV Charging Network Plan, incorporating the feedback received through the public consultation process.
2.	National EV Charging Network Plan	Regional and Local EV Charging Network Plan	<p>Publish The Draft Regional and Local EV Charging Network Plan for consultation.</p> <p>Final Draft Regional and Local EV Charging Network Plan following public consultation</p>	ZEVI	Regional Leads/ Local Authorities, public bodies, ESBN, and Charge Point Operators, SEAI	<p>Q2 2024</p> <p>Q4 2024</p>	This plan lays out a pathway to sustainably deliver charging infrastructure at destination and neighbourhood locations to meet national and EU targets. By taking a regional and local approach to implementation driven by the local authorities, this plan aligns with national and local plans and strategies and addresses potential gaps in the local network, including in remote areas.
3.	National EV Charging Network Plan	Regional and Local Authority Strategies	Commencement of 31 local Authority strategies through the 10 Regional Leads and 3 city Councils	ZEVI	Regional Leads, LAS	Q3 2024	Local Authorities through regional leads to procure a consultant to develop their EV strategies in Accordance with the Regional and Local EV charging Network Plan and EV Strategy guidelines. LAs to commence their strategies in Q2/Q3 2024.
4.	National EV Charging Network Plan	Local Authority Guidelines	Site selection guidelines for delivery of charging infrastructure	ZEVI	Regional Leads/ Local Authorities,	Q3 2024	These guidelines aim to empower LAs to align their policy objectives with effective infrastructure planning, ensuring equitable access and sustainable growth.

2. Schemes

This section provides details on schemes delivered and planned to support increased EV charging infrastructure.

All key strategy principles underpin the development of these schemes, namely:

- Principle 1: EV infrastructure will form part of a wider sustainable transport network;
- Principle 2: EV charging infrastructure will work for everyone, regardless of age, health, income, or other needs;
- Principle 3 For the majority of EV users, home charging will remain the main solution;
- Principle 4: Options will be provided for those who cannot charge at home;
- Principle 5: Across the EV charging network, EV charging systems will be interoperable and as simple as possible to use.

Reference Number	Category	ZEVI Scheme	Milestone	Owner	Support	Timeline	Outcome / Details
5.	Scheme	Shared Island Sports Club Scheme (€15M)	Final List of Selected Sites Published	Pobal	ZEVI	Q3 2024	Site inspections started March 24. Following technical site visits and based on an additional data driven assessment, a final list of successful sites will be published.
			2nd Procurement of Installer CPOs			Q4 2024	Final list of sites agreed following 2 nd Procurement.
			Installation of EV Chargers to commence			Q2 2025	Agreements in place between Clubs and CPOs and commence Installation of EV Chargers to be rolled out across all selected sports club sites.
6.	Scheme	Shared Charging Scheme Pilot	Procurement completed	ZEVI	Local Sustainable Energy Communities and SEAI	Q4 2024	Provision of another option for base charging in the community for those who cannot charge at home
7.	Scheme	European Union Just Transition Framework Community Centre Charging Scheme (€15M)	Final List of Selected Sites Published	ZEVI	Pobal	Q4 2024	Site selection process for destination charging infrastructure at community centres in the midland's region.

Reference Number	Category	ZEVI Scheme	Milestone	Owner	Support	Timeline	Outcome / Details
8.	Scheme	Motorway / Dual Carriageway Passenger/ LDV Competitive Grant Aid Scheme (€21M)	Schemes Launched Sites Selected Funding Awarded	TII	ZEVI	Q1 2024 Q3 2024 Q3 2024	Scheme Launched 14th February Successful applicants to be informed by end June (1200kW charging every 60KM).
9.	Scheme	National Road Ten-T Comprehensive Single Carriage Network Passenger/LDV Scheme (€TBC)	Scheme launched Sites Selected Funding Awarded	TII	ZEVI	Q3 2024 Q1 2025 Q1 2025	This scheme will aim to deliver 300 kW @ 60 km in each direction on the TEN-T Comprehensive Single Carriageway Network.
10.	Scheme	Primary and Secondary (non-Ten-T) Network Passenger/LDV Scheme (€TBC)	Scheme launched Sites Selected Funding Awarded	TII	ZEVI	Q4 2024 Q2 2025 Q2 2025	This scheme will aim to deliver 100 kW @ 30 km Primary and Secondary non-Ten-T National Roads.
11.	Scheme	Mobility Hubs (€TBC)	Business Case Finalised Scheme launched	DoT/ZEVI/SM MID	SMMID, Department of Transport, NTA, Local Authorities, and Private Sector	Q4 2024 Q4 2025	Provision of funding in support of the development of e-mobility hubs. The Preliminary Business case for the scheme was completed in Q1 2024.
12.	Scheme	Residential and Destination - Local Authorities' support package (€TBC)	Design local authority support package	ZEVI	Local Government Management Agency (LGMA), Regional leads/Local Authorities/ TII	Ongoing	Provision of a support package to Local Authorities in developing and implementing their strategies for destination and neighbourhood charging. It is envisaged this support scheme would include capital funding for sites that are identified as optimum locations to meet user needs

Reference Number	Category	ZEVI Scheme	Milestone	Owner	Support	Timeline	Outcome / Details
13.	Scheme	Innovation	Identify pilot projects to support the rollout of innovative EV charging solutions	ZEVI	LGMA, Local Authorities, Private and Public Sector, SEAI	Ongoing	Identify, trial and implement innovative solutions to the provision of charging infrastructure.
14.	Scheme	EV Home Charging Grant Scheme	Continued delivery & review of 'Electric Vehicle Home Charger Grant' scheme	SEAI & ZEVI		Ongoing	Operation & periodic review of the EV home charger grant scheme & standards for smart home charging.
15.	Scheme	Apartment Charging Grant	Continued Delivery of 'Electric Vehicle Apartment Charger Grant'.	SEAI & ZEVI		Ongoing	This scheme was launched by ZEVI in July 2022 and is delivered by SEAI. The scheme assists residents and owners of apartments and other multi-unit developments to install EV home chargers.
16.	Scheme	Destination Charging Schemes	Alignment of schemes delivered through SEAI and ZEVI funding	SEAI & ZEVI		Ongoing	Structured liaison to co-ordinate grants for destination chargers and SEAI community and business grants

3. Policy & Strategy

This section includes deliverables and related milestones for delivering the necessary policies in support of the expansion of EV charging infrastructure, together with policies related to electric vehicles and EV transition. Some of the ZEVI policy/strategy deliverables will cover the appropriate governance of the implementation of the AFIR in Ireland. The new regulation was published in the EU's official journal in September 2023 entered into force the twentieth day after this publication. The new rules will apply from six months after the date of entry into force of the regulation.

The main principle (from Chapter 2 in the strategy document) underpinning the development of these actions is:

Principle 5: Across the network, EV charging systems will be interoperable and as simple as possible to use.

Reference Number	Category	ZEVI Workstream	Milestone	Owner	Support	Timeline	Outcome / Details
17.	Policy	Accessibility and Safety	Publication of final Universal Design Guidelines for Electric Vehicle Charging Infrastructure	ZEVI	Charge Point Operators, Charge Point User Groups, the National Standards Authority of Ireland	Q2 2024	Final version of the EV Charging Infrastructure Universal Design Guidelines incorporating the feedback received through the Public Consultation process
18.	Policy	Accessibility and Safety	User Testing of Universal Design Guidelines	ZEVI	Disabled Person Organisations	Q3 2024	Carry out user testing of existing charge infrastructure to establish the level of conformity with the Universal Design Guidelines and identify potential issues and possible updates that maybe required.
19.	Strategy	Data Strategy / Interoperability	Data Strategy / Interoperability publication	ZEVI	ZEVI / TII	Q3 2024	The strategy represents Ireland's response to the AFIR on the management and distribution of current and projected data demands within the Alternative Fuel for EV Users and Charge Point Operators.
20.	Strategy	AFIR Implementation: Overarching National EV Policy Framework	Support the DoT Publication of Draft National EV Policy Framework (for consultation and EU consideration)	DoT	ZEVI & All Stakeholders	Q4 2024 Q4 2025	Contribute EV input to the National Policy Framework for the development of the EV market and the deployment of the relevant infrastructure

			Support National Policy Framework (With EU feedback)				
21.	Policy	AFIR Implementation	Establish an Identification Registration Organisation ('IDRO')	ZEVI	TII	Q2 2025	An Identification Registration Organisation ('IDRO') to issue and manage unique identification ('ID') codes to identify operators of recharging points and mobility service providers
22.	Data & Interoperability	AFIR Implementation	Deliver the Data Exchange Platform.	TII	ZEVI / TII	Q4 2024	A Data Exchange Platform that amalgamates Charge Point data supplied by CPOs and makes this data available on an open basis, via API and National Access Point, to all interested entities.
23.	Strategy	Research & Innovation	Comparative report on UK's Zero Emission Vehicles Mandate	ZEVI		Q2 2024	Ongoing comparative research on other international papers and strategies relating to EV infrastructure to inform approach. Staying informed of EU innovations via attendance at key international conferences & networking opportunities
24.	Policy	Taxation Measures	Budget 2025 Submission	DoT	ZEVI	Q3 2024	Submission to D/Finance on several measures to support EV transition for consideration ahead of Finance Bill
25.	Standards	Charge Point Reliability	Develop standards and KPIs for minimum performance standards for charge point operators. Develop regulatory regime for monitoring and compliance.	ZEVI	ZEVI	Q2 2026	To ensure a quality experience for the public when using Charge Point infrastructure

26.	Policy	Legislative Review	Establish and assess the current and future legislation concerning EV and EV Infrastructure	ZEVI	ZEVI	Q3 2024	Where identified as necessary for performance of ZEVI functions, draft amendments to or any additional legislation required to meet future need and organisational responsibilities, to include considerations of AFIR and CAP as well as any ancillary or parallel legislative requirements.
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4. Communications & Reporting

This section includes deliverables that support reporting and communications (on the progress being made in expanding EV charging infrastructure in Ireland) to the public and to the European Union under AFIR regulations.

Reference Number	Category	ZEVI Workstream	Milestone	Owner	Support	Timeline*	Outcome / Details
27.	Communications and Reporting	Engagement and Collaboration	Engagement and collaboration with international counterparts including the Northern Ireland Executive & United Kingdom Office for Zero Emission Vehicles (OSEV)	ZEVI	Collaboration with other international bodies as meetings are scheduled	Ongoing	Meetings to commenced in 2023 at agreed intervals
28.	Communications and Reporting	Engagement and Collaboration	Engagement and collaboration with stakeholders through delivery groups.	ZEVI	All Stakeholders	Ongoing	Extensive collaboration and knowledge sharing to deliver solutions and overcome barriers to the common goal of delivering the EV Charging Infrastructure Strategy and Implementation Plan
29.	Communications and Reporting	Principle 2: EV charging infrastructure will work for everyone, regardless of age, health, income, or other needs	AFIR Implementation Progress Tracking	ZEVI	RAs/LAs, CPO's, SEAI, Mobility Service Providers	Q1 2025	Support annual reporting for the EU Commission, including: <ul style="list-style-type: none"> The total aggregated charging-power output The number of charge points The number of battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs)
30.	Communications and Reporting	Engagement and Collaboration	ZEVI report to Government in Q4 annually supporting Department of Transport Annual Report	ZEVI		Q4 annually	Part of the ZEVI Governance programme

