

Cross Sector Market Collaboration and Governance Vital for the Transition to EVs

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Necessity Not Just Ambition



The Race is ON

Climate Change isn't waiting and the time to act is now.



Disruptive Innovation



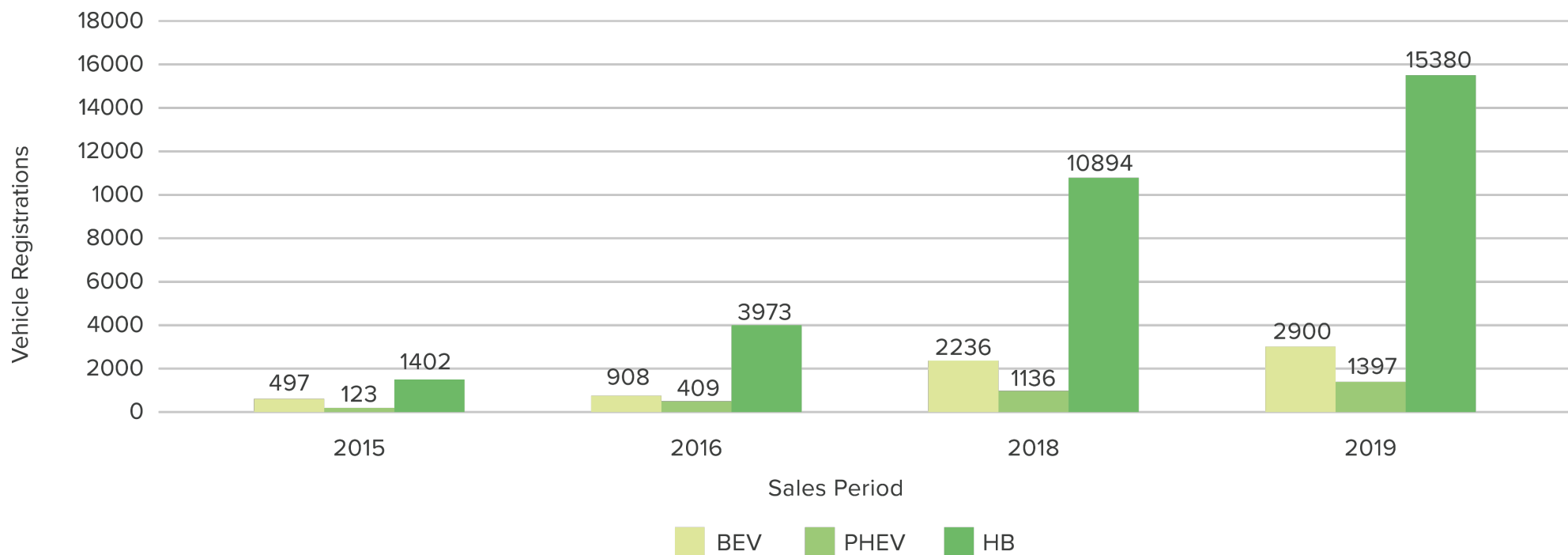
Path of Transition not Progression: Onboard Solar PV, V2X, Autonomous



Reality Check – Ireland STILL RUNNING ON FOSSIL

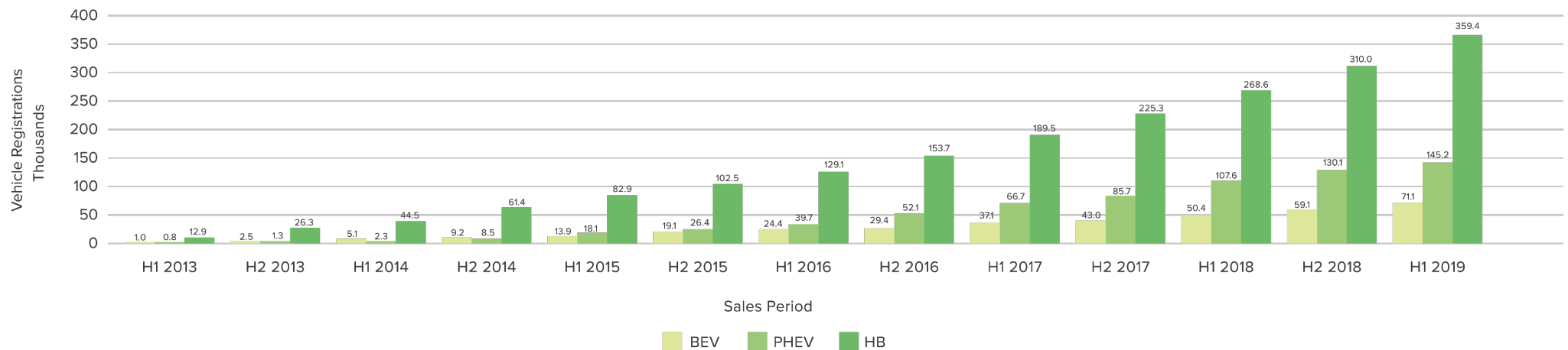


EV Uptake in Ireland



Reality Check – UK STILL RUNNING ON FOSSIL

EV Uptake in the UK



Ireland: EV Uptake vs Policy Ambition



- Approximately 2.68 million vehicles registered on Irish Roads of which 2.1 millions are cars.
- The ambition is to have 1 million electric cars on Irish Roads in 2030.
- This would mean that almost 100% of car sales would need to be EVs from today.

EV Infra-structure Choices: How Many Electric Miles?

Range of Charging Solutions:

- Managed or Unmanaged
- Destination or Enroute
- Low Power or High Power
- Uni-directional or Bi-directional (V2X)
- Plug-in, Pantograph, Battery Swap
- Static Wireless and/or Dynamic Wireless
- With or Without Energy Storage
- Grid and/or Off-Grid

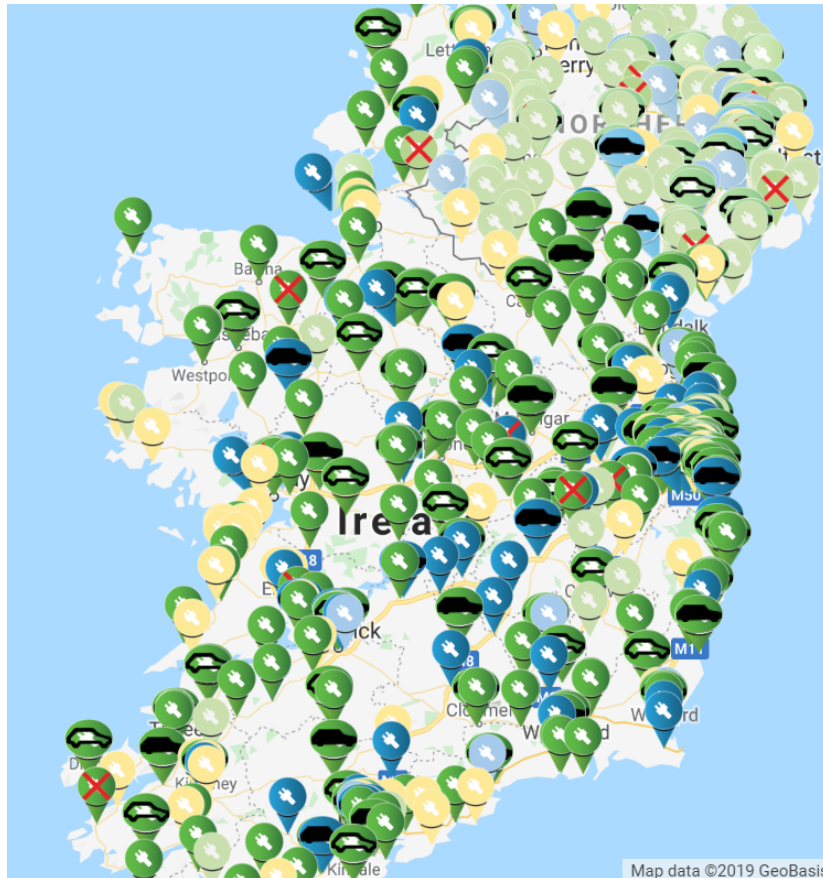


EV Infra-structure Choices

- Hydrogen – only a handful in the UK
- Not available in Ireland



Charging Infra-structure Ireland



almost 1,100 public charge points across the island of Ireland



Very few are in use

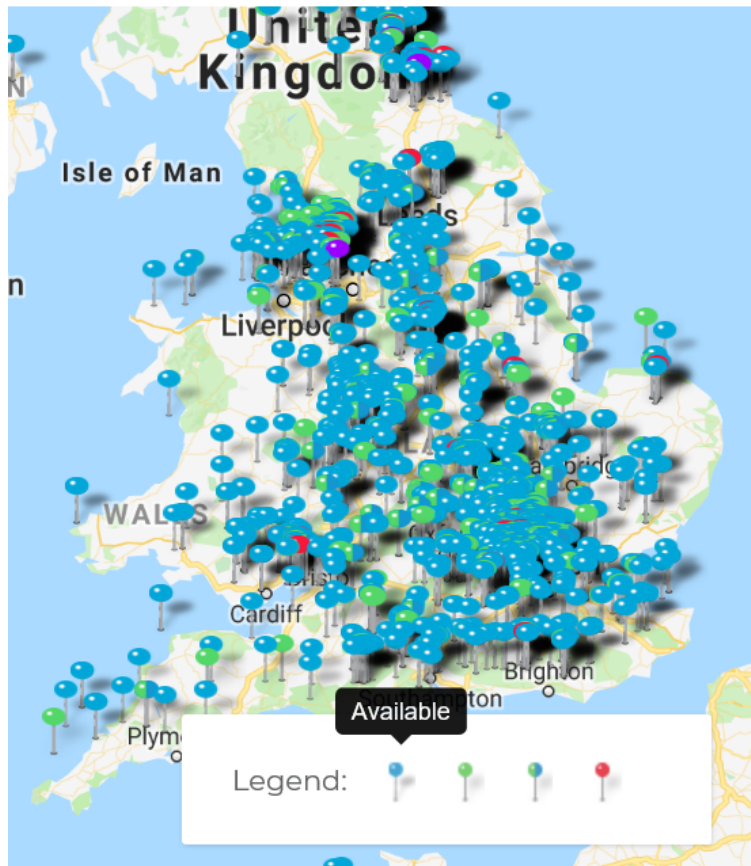


Quite a few are broken or have no status






Majority are not in use

Charging Infra-structure UK



Public Charging on a typical afternoon:

-  Some are in use
-  Few are broken
-  Majority is not used

Global Challenge: No Quick Fix Without a Plan



EVGF: The Need for Market Governance – Top 4 Priorities



1. Coordinated Charging Infra-structure Development



2. Whole System Benefits and Value Pools

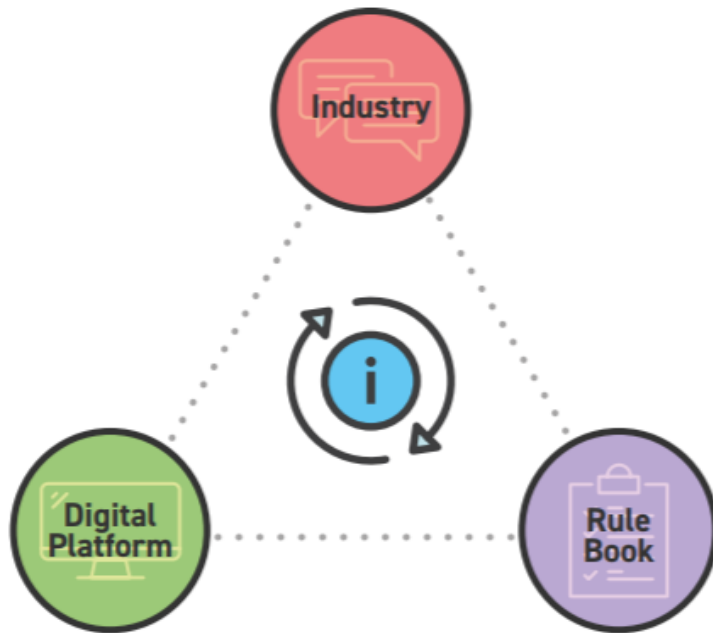


3. Customer Engagement and Protection



4. Level Playing Field for all Market Participants

Making the Market Work for Everyone



Empowering the Transition to Electric and Autonomous Vehicles

- Cross-sector coordination all transport modes
- Applicable best practises and rules structured by use cases
- Digital access for market engagement and service provision

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Thank you

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