

Electric Vehicle Infrastructure Fund**XXXX Initiative****Feedback against Transport Scotland's EVIF Assessment Framework [Updated March 2023]**

S&EP Version	Date	Initial Reviewer	Checked by	Model Checked by	Model Filename	Comments
V1.0	XXXX					Initial comments by SFT following submission of draft business case.

Strategic Approach	
A comprehensive network of public charge points.	
Access, fairness and need.	
Leveraging private investment and approach to enabling this investment	
Enabling wider sustainable transport outcomes	
Scope. Funding, Delivery	
Project Scope	
EVIF funding being requested	
Method(s) of delivery to be deployed	
Timetable	

1.0 Introduction

The tables below capture, in summary form, the relevant elements of the initiative as taken from the Electric Vehicle Infrastructure Study which has been prepared by XXXX on behalf of XXXX, following the template issued by SFT. The approach below has also been informed by discussions with SFT which has been helpful in providing a fuller understanding of the overall strategy and intended delivery models.

Transport Scotland's Draft Vision, which forms the basis of this assessment, [can be viewed here](#).

2.0 Vision, Outcomes and Priorities

EVIF Assessment Framework Criteria	Intended Approach	SFT Comments and Observations
A well-designed network		
A comprehensive network		
A people-focused network		
An accessible network		
A reliable network		
Supports a Just Transition		
Convenient access for homes without parking		
Tariff Principles; Fair, Sustainable & Enabling		

EVIF Assessment Framework Criteria	Intended Approach	SFT Comments and Observations
Attracts Private Sector Investment		
Supporting active travel, shared and public transport		
Energy Systems (renewable energy, battery storage, smart tariffs etc.)		

3.0 Demand Forecasting & Forecast Outcomes for the Study Area Over the Programme Period – April 2022 to March 2030

Metric/Outcome	2022/23	2023/24	2024/25	2025/26	2030/31
Forecast Plug in Vehicle ("PIV") uptake					
Number of public charge points (all networks).					
Charge point split – Fast/Rapid (all networks)					
LA / Private Network Split					
Charge points per 100,000 population (all networks)					
EV to Charge Point Ratio (all networks)					
Homes without off-street parking (Number & Percentage)					
Max distance for homes ex parking to public network.					
Max distance between rapid charge points (all networks).					

Metric/Outcome	Comments and Observations
Forecast Plug in Vehicle ("PIV") uptake	
Number of public charge points (all networks).	
Charge point split – Fast/Rapid (all networks)	
Authority / Private Network Split	
Charge points per 100,000 population (all networks)	
EV to Charge Point Ratio (all networks)	
Homes without parking (Number & Percentage)	
Max distance for homes ex parking to public network.	
Max distance between rapid charge points (all networks).	

4.0 Expansion Plan and Approach to Delivery

EVIF Assessment Framework Criteria	Intended Approach	Comments and Observations
Number, type, and envisaged localities of additional charge points		
Phasing of capital investment and the forecast spend profile		
Major one-off costs (e.g., network upgrades, site enabling works, etc.)		
Preferred contract structure(s)		
Envisaged approach(es) to procure new delivery models		
Attracts private sector investment		
Quantum and timing of capital subsidy being sought from TS		
Proposed tariff regime for any retained EVI and new EVI		

EVIF Assessment Framework Criteria	Intended Approach	Comments and Observations
Approvals Secured		
Next steps and key activities prior to commencing procurement		
CPS Transition		
Approach to KPIs and ongoing maintenance		
Incorporation of accessibility standards		
Community benefit / community wealth building		
Interoperability & ease of use		

5.0 Consultation and Engagement

Stakeholder	Intended Approach	Comments and Observations
Neighbouring local authorities		
The market		
DNOs		
Public – EV & non-EV drivers		
Fleet managers		

6.0 Suggested Recommendations and Next Steps

[TBC]

7.0 Funding Conditions:

[TBC]

Appendix 1 – Modelling Assumptions Check Sheet v Planning Assumptions

Key Assumption	SFT	LA	Comments
PIV Uptake			
Electricity Utilisation Yr 1			
Electricity Utilisation Growth			
Electricity Rate			
Transaction Costs			
Planned Maintenance Costs			
Capital Enabling Cost			
Capital Installation Costs Ex-major DNO costs Based on 2022 prices			
Inflation			
Material DNO costs			
EVCP Useful Asset Life			
EVCP Replacement Cost Factor			
Concession Start Date			
Construction Term			
Operating Period			
Target Equity IRR			