



# Electric Vehicle Infrastructure Fund Programme Briefing

29 March & 30 March 2022



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# Briefing Overview



1. Strategic context.
2. New public EV charging fund & draft vision – policy background.
3. How the new fund will work.
4. Q&A

# Strategic Context



- Climate Change Plan update – 75% emissions reduction by 2030 & net zero by 2045.
- Transport biggest emitting sector of greenhouse gases – road vehicles in particular.
- Commitment to phase out need for new petrol & diesel cars & vans by 2030.

# 21.4%

of all new car sales in  
December 2021 in  
Scotland were electric



**The ChargePlace  
Scotland Network now  
provides over 2000  
public charge points.**

It supported almost  
783,000 charging  
events in 2020.



**In January 2022 there were 52 public charge points per 100,000 people in Scotland.**

There were also 12.9 public rapid charge points per 100,000 people – higher than anywhere else in the UK.



# Why a new EV infrastructure programme?

- Pace & scale of investment in public EV charging network will need to accelerate.
- July 2021 – Joint report setting opportunities & challenges for growing public EV charging network.
- Extensive engagement with local authorities and private sector over 18 months.



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Electric Vehicle Charging  
Infrastructure Report  
July 2021

# Joint report findings

- Unsustainable to grow the public EV charging network (at scale & pace required) on a predominantly public funded model.
- Increasing constraints on local authorities owning, operating & replacing a growing (& ageing) asset base & keeping up with shifts in technology.
- Lack of tariffs acting as a barrier to private sector investment.
- Opportunities to leverage skills, expertise & resources of private sector through partnership working with local authorities – in a way that supports a Just Transition.

# Draft Vision for Scotland's EV charging network

- **People** have access to a well-designed & comprehensive network of charge points.
- The network works for everyone regardless of age, health, income or other needs.
- Scotland has attracted private sector investment to grow the network, ensuring it meets the needs of all people.
- The network is powered by clean, renewable energy & drivers benefit from advancements in energy storage, smart tariffs & network design.
- People's first choice wherever possible is active & public transport with the location of electric vehicle charging points supporting those choices.

# Draft Vision for Scotland's EV charging network

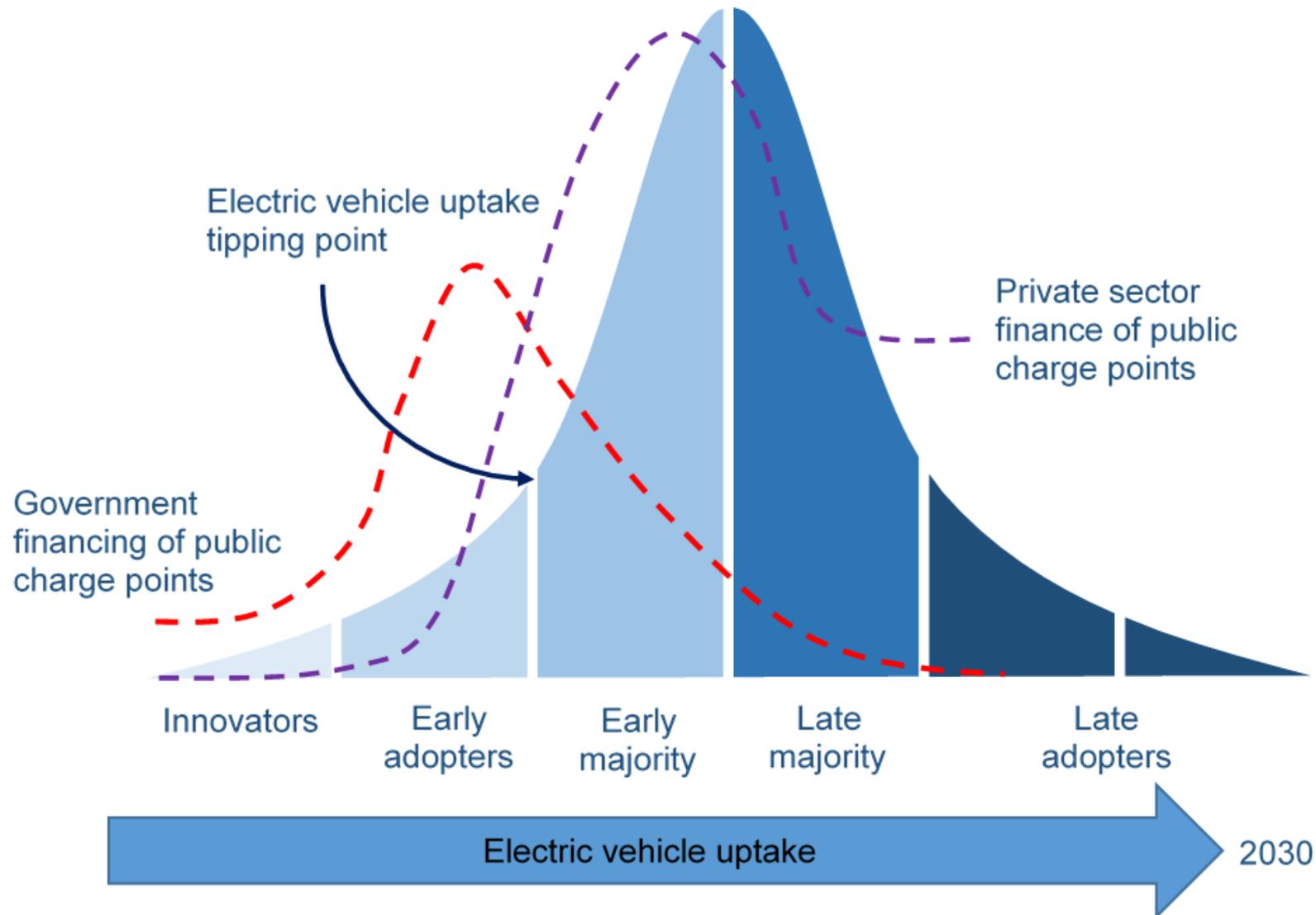


transport.gov.scot

**A Network Fit For The  
Future: Draft Vision for  
Scotland's Public  
Electric Vehicle  
Charging Network**

<https://www.transport.gov.scot/news/a-new-vision-for-electric-vehicle-charging-infrastructure-in-Scotland/>

# Changing subsidy landscape



# Electric Vehicle Infrastructure Fund

- Intends to draw in & smooth out commercial investment across Scotland (aligned with draft vision) - half of £60m funding to be leveraged from private sector over 4 years.
- Supports local authorities to develop & deliver partnerships with private sector in areas where commercial investment on its own would be unviable.
- Neutral on who owns and operates charge points – can be achieved through a variety of potential owner/operator models.
- Local authority commitment to introduce tariffs for charge points they wish to continue to own & operate.

# Electric Vehicle Infrastructure Fund

## How the new fund will work.



1. Outcomes & Priorities
2. Programme Funding
3. Programme Approach
  - *Governance & Programme Team*
  - *Timetable*
4. Strategies & Expansion Plans
5. Possible Delivery Options
6. Support Available
7. Next Steps



# Electric Vehicle Infrastructure Fund Outcomes & Priorities



Accessible  
Reliable  
Affordable



Enable a Just Transition



# Electric Vehicle Infrastructure Fund Funding Available



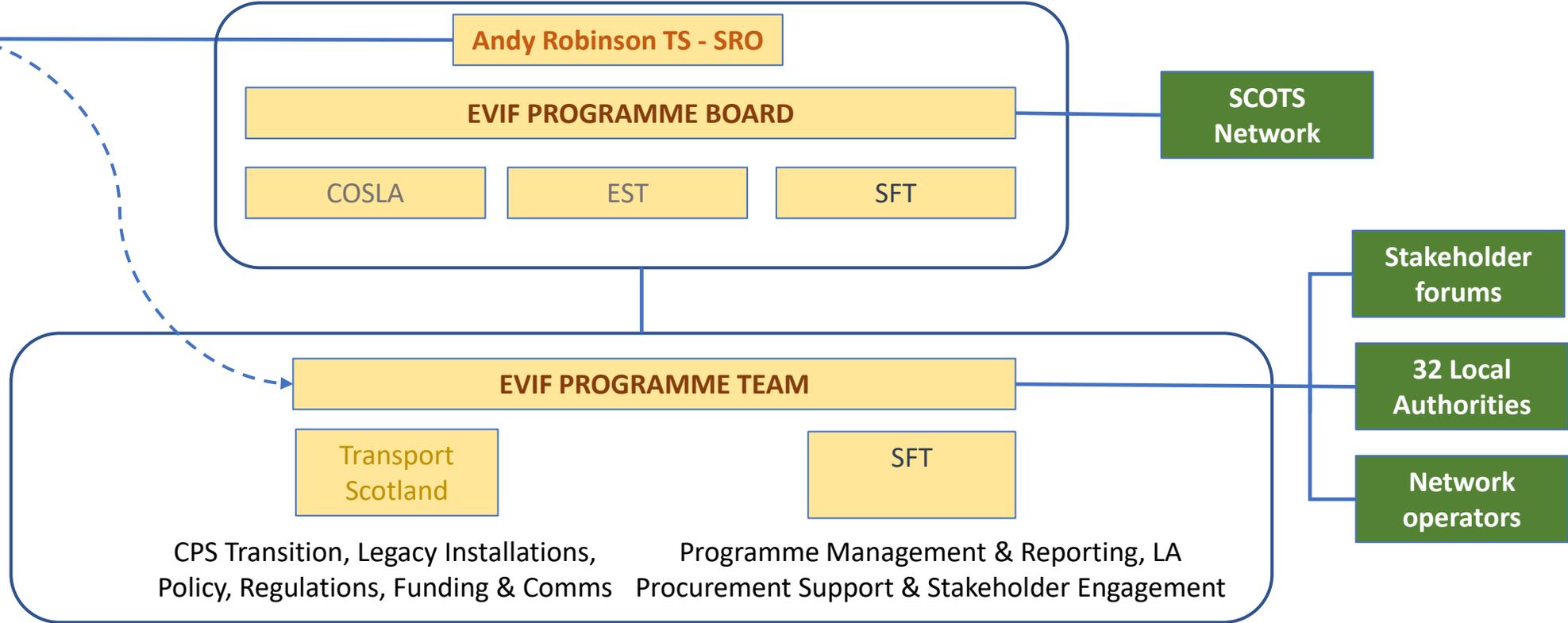
£30m Programme Funding over Four Years  
Leverage at least £30m from the Private Sector

Funding Stream	Strategic Planning and Project Development	Project Delivery
Amount	£140k per Local Authority over four years	Balancing amount from £30m supporting delivery
Profile	£60k available in 2022/23 for early planning	Profiled over Four Years
Outputs	Strategy, Expansion Plan, Procurement, Surveys, etc.	Outcomes & Priorities and enable a Just Transition
Allocation	Additional in-house costs & External Support	Where private investment on its own not viable

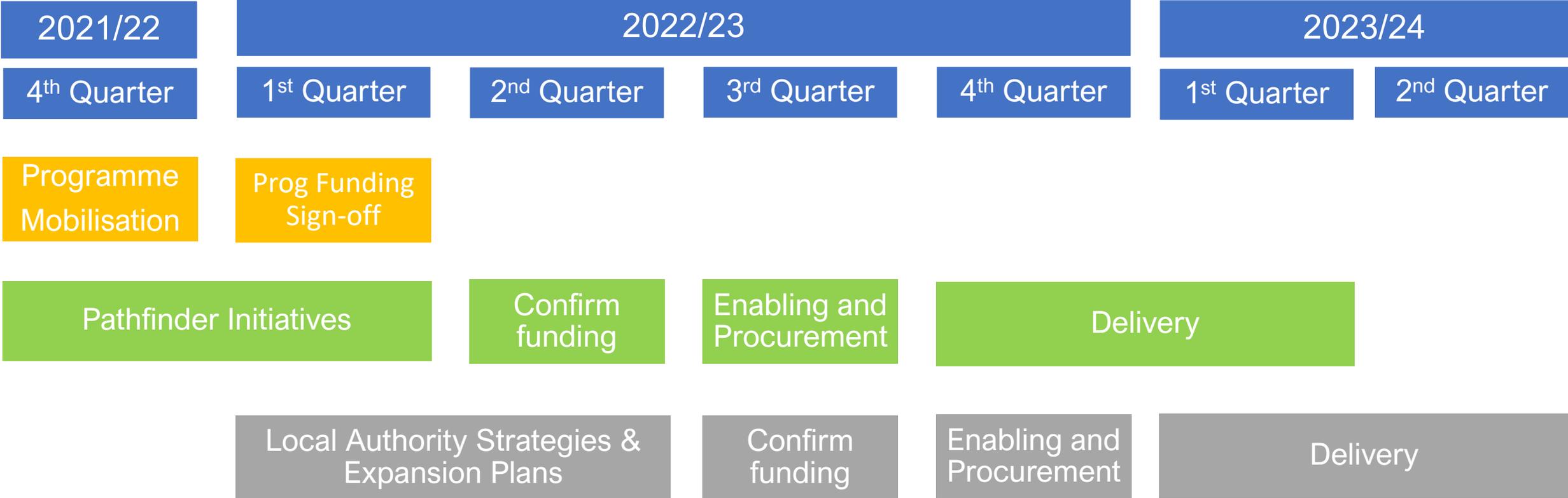
# Electric Vehicle Infrastructure Fund Programme Governance & Team



- TS EV PROJECT WORKSTREAMS**
- Financing and subsidies
  - Regulation, guidance and standards
  - Evidence gathering and dissemination
  - Strategic engagement and communications
  - Transition planning
  - Innovation and Consumer experience



# Electric Vehicle Infrastructure Fund Indicative Programme Timetable



# Electric Vehicle Infrastructure Fund Strategies and Expansion Plans



Strategy and Expansion Plan Template					
Part 1 - Strategy		Part 2 – Expansion Plan			
Local Outcomes & Priorities		Economic Case	Commercial Case	Financial Case	Management Case
Accessibility Reliability Affordability Just Transition Community Benefits Active Travel		Preferred Scope Costs and Funding <b>Project Pipeline</b> Delivery Models Routes to Market Implementation			

# Electric Vehicle Infrastructure Fund

## Possible Delivery Options



Increased Level of Local Authority Involvement & Complexity →

Grant Provider	Landlord	Landlord Plus	Contractual Joint Venture
One-off Capital Grants to Private Sector	Bundling Low & Higher Utilisation Sites	As Landlord but with conditions e.g.	Concession/Service Type Contract.
Initiatives aligned with Outcomes & Priorities	Sites leased to Private Sector	Income share, KPIs	Time limited, new & existing assets, income share, KPIs, etc.
No long term LA role	No long term LA Role	LA oversight	LA oversight

A mix or a variation of the above may be appropriate. Likely to be common themes.

# Electric Vehicle Infrastructure Fund Support Available



## Support Available from SFT

Data & Analytics

Financial Feasibility Model

Procurement Options

Contract Structures

Joint Working

## Shared Learning & Best Practice

Programme Web Page, Themed Workshops, Programme Pipeline

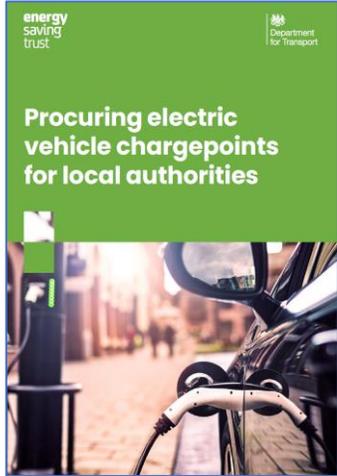
# Electric Vehicle Infrastructure Fund

## Other Support Available



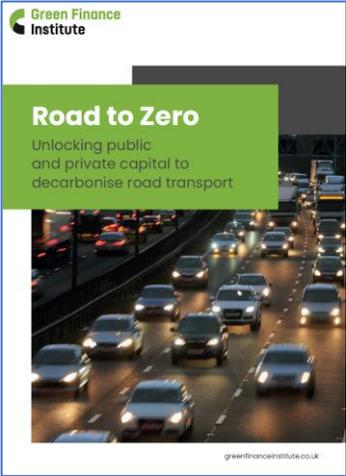
### Other Useful Guidance Available

Energy Savings Trust

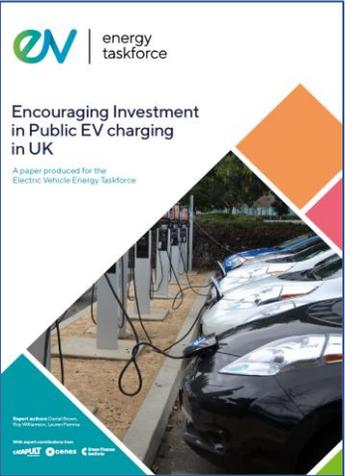


Electric Vehicle Infrastructure Guide (EVIG)  
Due Spring 2022

Green Finance Institute



EV Energy Taskforce



DNOs



# Electric Vehicle Infrastructure Fund

## Next Steps



1. Invite authorities to apply for Strategy & Expansion Plan Funding
2. Programme Web Page goes live
  - *Programme Launch Slide Pack*
  - *FAQ*
  - *Strategy & Expansion Plan Template*
  - *Business Case Financial Model*
  - *Routes to Market Overview*
3. Concluding Pathfinder Initiatives & Share Learning
4. Support the mobilisation of new collaborations



# Electric Vehicle Infrastructure Fund Programme Briefing

## Q&A Session



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