

## Operations (2ZERO Partnership)

### Proposed Approach

BetterFleet will address the integration and optimisation of zero-emission coaches and buses in long-distance (≥500 km) operations, focusing specifically on planning, charging, and system-level performance required for reliable real-world deployment.

- Highly accurate, digital-twin driven fleet–charging–grid modelling for cross-border routes, including energy demand and grid constraints that take into account vehicle load, weather, topography, vehicle-specific dwell times
- Depot + corridor charging design, including shared multi-operator hubs and peak load management
- Operational optimisation (charging schedules, dwell times, routing, utilisation) under real-world constraints
- TCO and business case modelling to ensure commercially viable deployment pathways
- Demonstration support through planning tools, simulation, and performance analysis
- Replication & scaling via toolkits, best-practice guidance, and EU corridor deployment strategies

### Experience

- **Go Ahead Group:** Live management and monitoring of their UK-wide depot charging infrastructure, route modelling, TCO analysis, strategic planning, operation and maintenance service model advisory.
- **Leicestershire County Council (UK):** Fleet transition plan for 277 vehicles, including detailed modelling of vehicle usage, depot constraints, infrastructure needs, and financially viable decarbonisation pathways
- **City of Newcastle (UK):** Developed a data-driven transition plan for 341 vehicles across two depots, including cost, emissions, and infrastructure scenario modelling to support a zero-emissions fleet by 2030
- **Logan City Council:** EV charging roadmap and fleet electrification study; repeat engagement demonstrating delivery quality and stakeholder alignment
- **Fleete (Maquarie Group, UK and AU):** complete development lifecycle for Charging Hubs, encompassing planning and design, implementation, and ongoing management and operation.

### Organisational Capabilities

[BetterFleet](#) is a fleet electrification SME specialising in system-level optimisation.

- Fleet + energy modelling and simulation
- Charging strategy and infrastructure design
- Grid impact and load management
- TCO and commercial strategy
- Global project delivery (EU, NA, APAC)

### Administrative Information

**Role:** Partner (system modelling, planning, and optimisation lead)

#### Contact Details:

Name: Benoit Laflamme

Email: [benoitl@betterfleet.com](mailto:benoitl@betterfleet.com)

Phone: +44 7476 421656

**Country:** UK / Australia / United States / Canada

**Organisation:** BetterFleet (EVenergi LLC)

**PIC:** 864479036