



TESIAC

MOBILITY | TECHNOLOGY | ENERGY

Bringing “Infrastructure-as-a-Service” to the Public & Private Sectors

Combining Project Ownership with Advanced Technology & Asset Management

At the intersection of mobility, technology, energy, and related infrastructure, TESIAC delivers an integrated solution to address environmental, social, and economic challenges faced by public and private sectors.



TESIAC helps communities achieve their goals...



* Chart represents selected United Nation Foundation Sustainable Development Goals

...by delivering integrated infrastructure with an ROI...

Through creative financial structuring, holistic planning and phased integration for infrastructure components, TESIAC unlocks long term value and provides advantages to disadvantaged communities, including safety, security, resilience, and reliability; aligning interests to make Smart City developments attractive to stakeholders and investors.



A growing pipeline of high potential pilot projects



Mobility as a Service

TESIAC leverages a strong network of capital and technology partners, shifting from CAPEX to OPEX for public and private fleet operators looking to “go green”. Our “Mobility as a Service” (MaaS) model delivers multiple benefits including:

Capital Partners



Ability to deliver flexible private capital, transfer project operational risks, and improve viability.

Fleet Conversion



Prioritizing principles of the circular economy to repower existing assets.

Zero Emissions

Accelerate path to climate goal mandates

Intelligent Fleets

Future proof infrastructure with connectivity

Better Performance

Connectivity leads to more efficient and effective fleets

Better Experience

Data empowered customer service delivers value to the end users

MaaS enables TESIAC's core business segments



Advanced Vehicle Assembly



Digital Managed Services



Project Development & Management

TESIAC's Managed Services Platform starts with MaaS as the foundation of essential services to deliver more broadly "Infrastructure as a Service" to the public and private sector.

Advanced Vehicle Assembly

TESIAC engineers and executives have designed, developed and deployed electric vehicles for decades.

Financed by flexible project capital, the profitable assembly activities will deliver high quality, data-enabled buses and multi-passenger vehicles.

TESIAC will enable fleets with advanced data analytics/AI capabilities, further differentiating our market position by providing efficiencies and unlocking TESIAC's **digital asset management capabilities**.



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graph TD; A[Flexible Private Project Capital] --> B[Advanced Vehicle Assembly]; B --> C[Bus Repower]; C --> D[Accessible Cutaways]; D --> E[LSEVs];
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Flexible Private Project Capital

Advanced Vehicle Assembly

Bus Repower

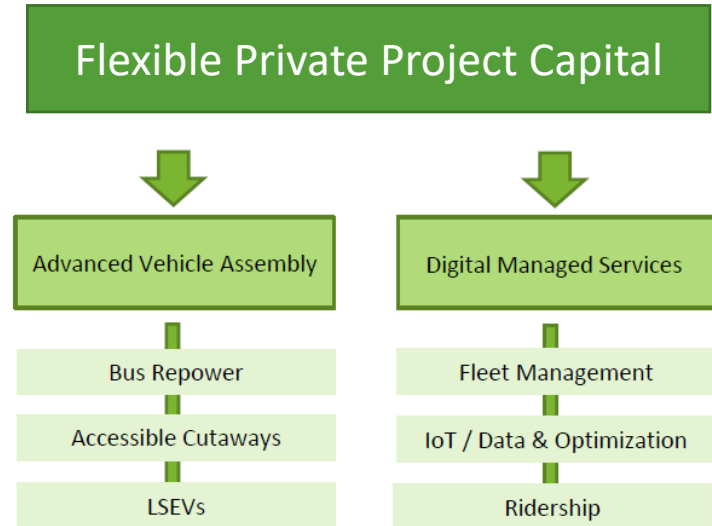
Accessible Cutaways

LSEVs

Digital Managed Services

TESIAC assembles intelligent capable vehicles with open architecture data analytics/AI capable of communicating with smart city infrastructure. These abilities are designed to deliver important data and insights to multiple stakeholders in order to service a range of community-based needs.

By properly combining advanced assembly with digital elements, TESIAC can be a significant force as markets shift to an **“as-a-service” model**.



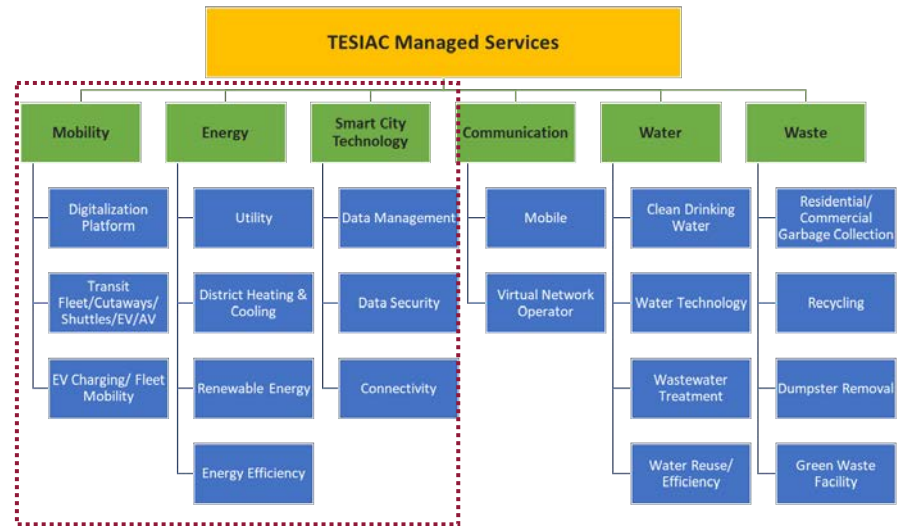
Project Development & Management

Flexible project capital facilitates TESIAC's delivery of Infrastructure as a Service.

Municipalities, fleet operators, and private enterprises are being pressured to modernize and align fleets with sustainability mandates, but the CAPEX required to do so is prohibitive and difficult to pass through bureaucracy.

TESIAC can deliver private financing to enable the retrofitting of existing diesel buses to zero-emission fleets, EV upfit cutaways, charging/refueling, utility infrastructure, and on-site energy generation where necessary.

Flexible Private Project Capital



How we make it possible

Our network provides access to key decision makers, combined with a highly collaborative “Art of the Possible” (AOP) engagement framework typically allows TESIAC to bypass barriers and fast track engagements with the public and private sectors. Removing siloed approach and capital restraints to deliver holistic project development including mobility, diversified fleet charging, IoT technologies, and integrated infrastructure.

Key Network Contacts



Strong stakeholder network and highly respected expertise .

A Collaborative Approach



AOP approach identifies pain points and creates stakeholder centric solutions.



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Appendix: Example Models

Thank you

Mission Based Ecosystem Development – Oliver Wyman

“A network of **diverse players** (e.g., industry leaders, policymakers, non-commercial players) bound by a **shared mission**...

...to tackle a specific **complex problem** that lacks single-entity accountability...

...by **co-creating a product or service solution** that cannot be created as effectively in silos...

...through seamless collaboration enabled by **sharing of assets, data, knowledge and value**”

2. Supply chain participants

Manufacturers

Suppliers

Distributors

4. Investors

3. Solution partners

Academia

State and supranational collaborators

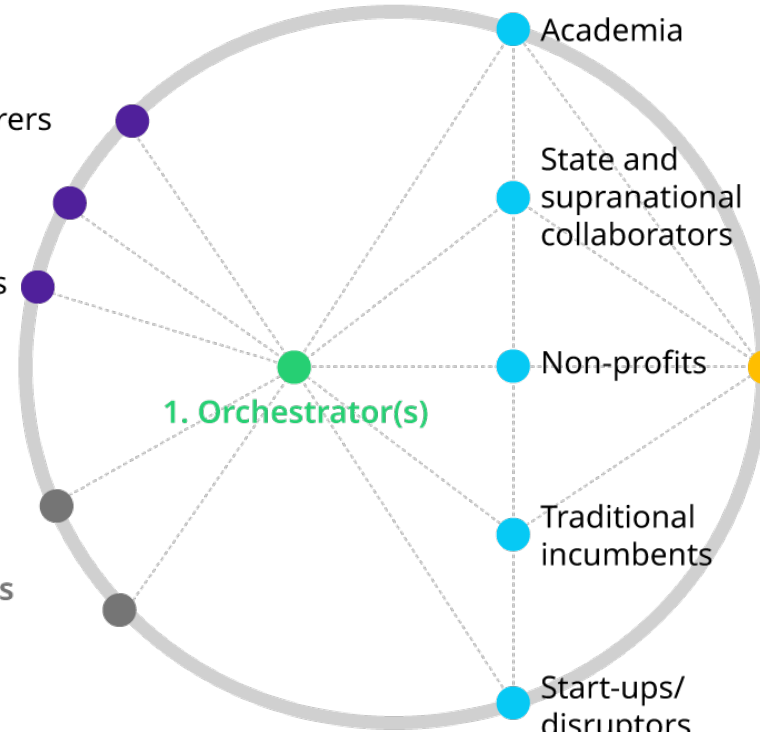
Non-profits

Traditional incumbents

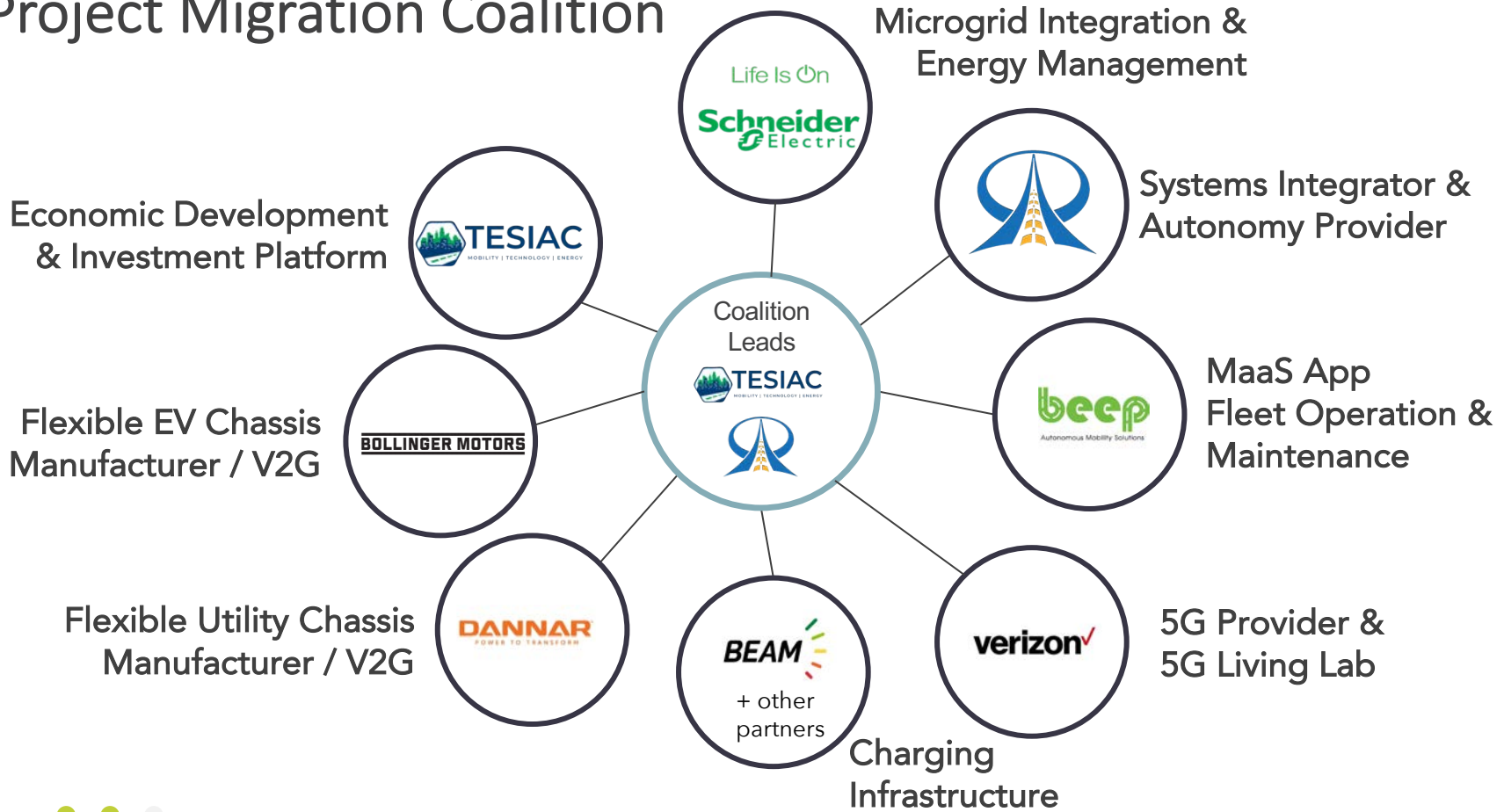
Start-ups/ disruptors

5. Customers

1. Orchestrator(s)



Project Migration Coalition



The Mill – Scotland’s Smart Mobility Test Bed

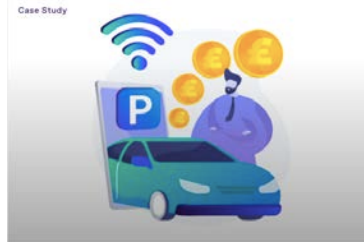
An innovation centre to make Dundee a **global test bed for advanced transport technologies and services**

The MILL is transforming Dundee into a real-world test and experimentation environment for **innovative mobility solutions**.

Facilitates collaborations, helps to **scale solutions to other Scottish cities and creates opportunities to promote innovations to global markets**.

The aim of is to demonstrate how innovations in transport technologies, business models and data can improve quality of life, such as **connecting people with essential services and enhancing economic opportunities**.

The first wave of projects to be run through The MILL are called **ShareMORE (Shared Mobility and Resource Efficiency)** examples include:



Case Study
Mobile Payments for Multi-storey Parking

[View Project](#)



Case Study
Fleet Sharing

[View Project](#)



Case Study
Mobility as a Service App

[View Project](#)



Case Study
Shared Community Minibuses

[View Project](#)