

Today's Agenda



Trams for Clean Air

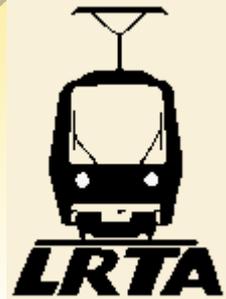
Cities, Towns & Garden Villages

D.A. Giblin, TramForward

*Investing in
Healthy living*

Financing

Strengthening communities



Clean Air

What Crisis?



- Air Pollution-Public Health
- Carbon Dioxide-Climate Change
- Awareness
- Oslo Effect
- Breaches of EC legal limits
- Statute, Sanctions
- New Clean Air Act
- Action plans and KPIs
- Stakeholder involvement

Trams

UK and Europe



- Comparison
- Passenger Requirements
- Mobility and connectivity
- Pollution free Trams, low carbon footprint
- Attract Passengers from cars
- Reduce traffic congestion
- Regeneration
- Technology
- Design solutions

Tram Funding

Expensive Luxury?



- Can afford!
- Management
- Economies of Scale
- Risk Transfer
- Borrowing
- Funding Trials for financing alternatives
- DfT Cost Benefit Ration tool
- Intermediate Rail vehicles
- New Turnkey offers

Trams



Funding Investment

- Change Management
- Financial models for Investment
- Neighbourhood Community Land Trusts
- Local Infrastructure Funding Trusts
- Land Values Rating
- Public Works Loans Board
- Municipal Investment Corporation bonds
- New Towns Act loans
- Community Infrastructure Levy
- Development Corporations
- Short term guarantees and loans
- Taxation of Property
- National Infrastructure Commission

Garden Villages

Their Impact



14 new Garden Villages, 3 New Garden Towns

200,000 new homes

£6m over 2 years Government funding

‘A single new garden village in each rural English local authority would create around a million extra homes’ (Policy Exchange)

Neighbourhood Plans.

‘79% public want a bigger say over the development of their communities’. RTPI 2014

Garden Villages

Location, location, location



- Long Marston in Stratford-on-Avon: **revive the Tram eco-link plan**
- Oxfordshire Cotswold in West Oxfordshire: **nearby Hanborough station**
- Deenethorpe in East Northants: **Rail access at Corby/Kettering**
- Culm in Mid Devon: **reopening of Cullompton station, Devon Metro**
- Welborne near Fareham in Hampshire: **New station and tram opportunity**
- West Carclaze in Cornwall: **St Austell station access**
- Dunton Hills, Essex: **Plan Studies of A127 and the Rail options**
- Spitalgate Heath: **Lincolnshire. Integrated transport Hub with Virgin Rail.**
- Halsnead, Merseyside: **Whiston Rail station nearby and disused rail tracks**
- Longcross in Runnymede. **North of M3, part on green belt**
- Bailrigg in Lancaster: **Council plan out of date, in process of replacement**
- Infinity Garden Village: **South Derby integrated transport link, new station at Stenson**
- St Cuthberts, Cumbria. **Carlisle station, trains. Carlisle District Local Plan 2015-2030**
- North Cheshire in Cheshire East: **Plan enhanced transport links**

The 3 new garden towns are:

- Aylesbury, Buckinghamshire: **Council accessing funding to improve transport links and infrastructure.**
- Taunton, Somerset: **Public against car gridlock, Tram potential**
- Harlow & Gilston, Essex and Herts: **West Anglia Rail, Crossrail**

Garden Villages



The 'Ask'

- Participation: **Individuals' voices to be heard**
- Self sustaining communities: **Groundswell of opinion**
- Transport Plan: **Learn from Tram expertise**
- Stakeholder Engagement: **Plan & Issues log**
- Environmental Policy Objectives: **Economic tools**
- Joint Venture Delivery: **Contracted risk transfer**
- Governance Boards: **Oversight**

Oxford Metro

LRTA/URBED Workshop



Workshop Aim

- Oxford Metro/Cowley Branch test case
- Informed Group to be invited
- Funding and Procurement for Trams/Swift Rail/Tram-Train
- Blueprint funding Prospectus
- Attract global funders
- Demonstrate high return for investors
- Funding Oxford station modernisation

Oxford Metro test



Workshop output

- Deliver an outline financial Prospectus, 2 half day session as start up.
- Sections;
- Introduction and Purpose of the Prospectus, **What is to be funded, cost of detailed preparation, framework**
- Executive summary: **Vision, Policy, Strategy and Mission**
- Masterplan approach. **Route, Schematic of project, Ridership, Land value, Construction costs, Ownership, Planning permissions, optioneering**
- Pre-feasibility outline Business case criteria, **requirements and assessment for viability, then comprehensive Business Plan development**
- Investment Plan concept: **demonstrate benefits and financial returns,**
- Financial Plan methodology: **funding availability fit/international, then release of funds, equity, loan, grant, guarantee**
- Funding Submission: **legal and regulatory compliance guidance, repayments**
- Public Consultation/Secretary of State: **preparation and approach**
- Procurement: **requirements and selection process**
- Design, Build, Operations and Maintenance: **Finances and budgets**

LRTA



More Information

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