

Infrastructure Planning & the Infrastructure Delivery Plan

9th April 2019

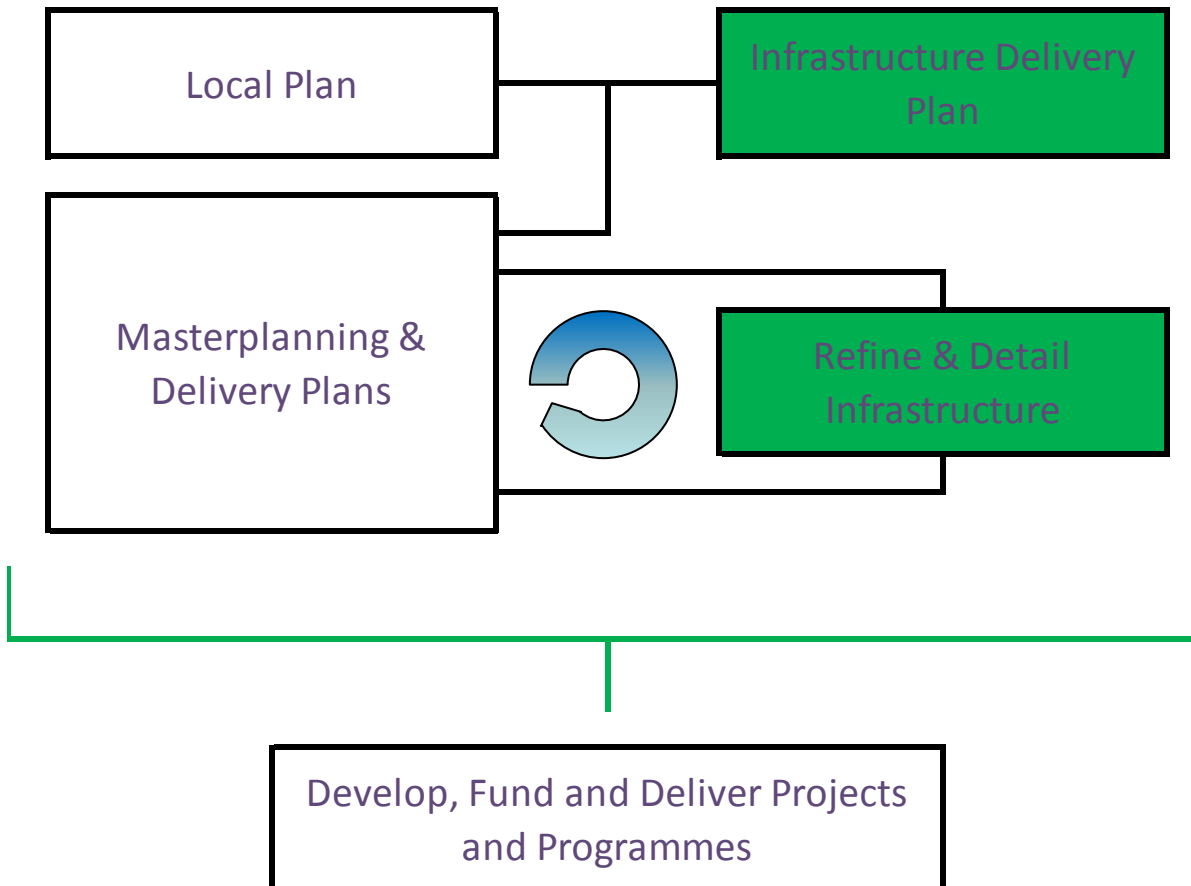


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Planning and Delivering Infrastructure

- **Vision & Strategy** – *Strategic Plan, Local Plan, Council Strategies*
- **Plan** – *Infrastructure Delivery Plan (High Level)*
- **Refine & Detail** – *Detailed data and studies to focus on solutions*
- **Masterplan** – *Regeneration and delivery plans*
- **Develop** – *Development of projects and programmes for delivery*
- **Fund** – *Overarching with solutions needed by this point*
- **Deliver** – *Capital delivery of infrastructure*

Planning and Delivering Infrastructure



Plan – Infrastructure Delivery Plan, 2017 (High Level)

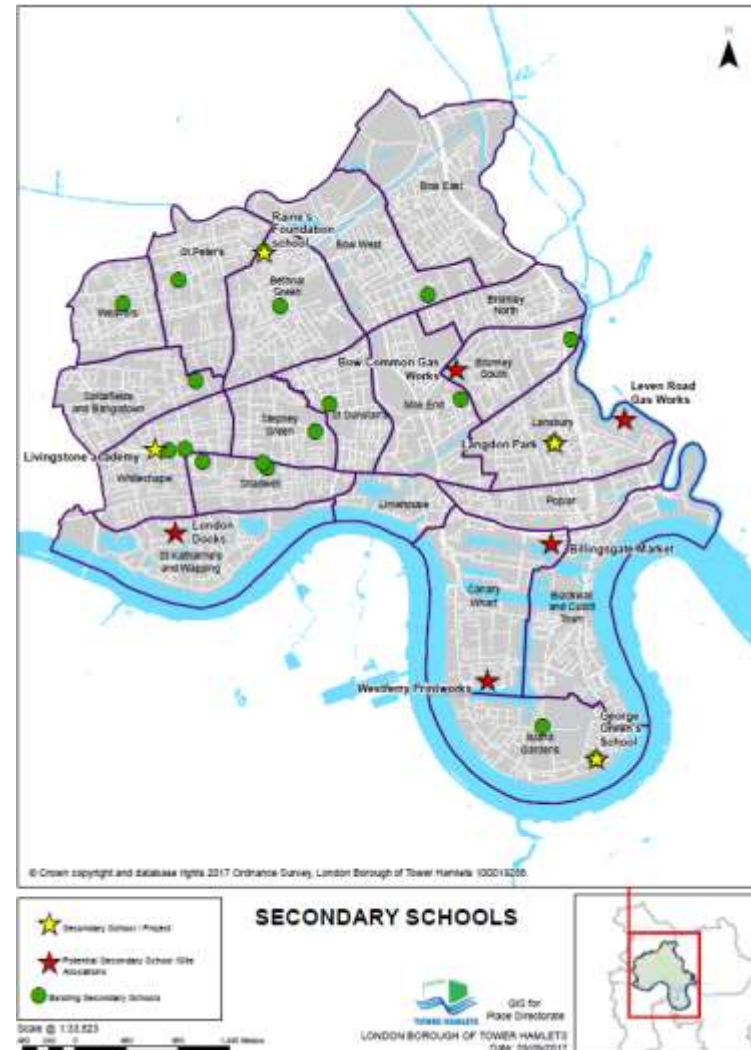
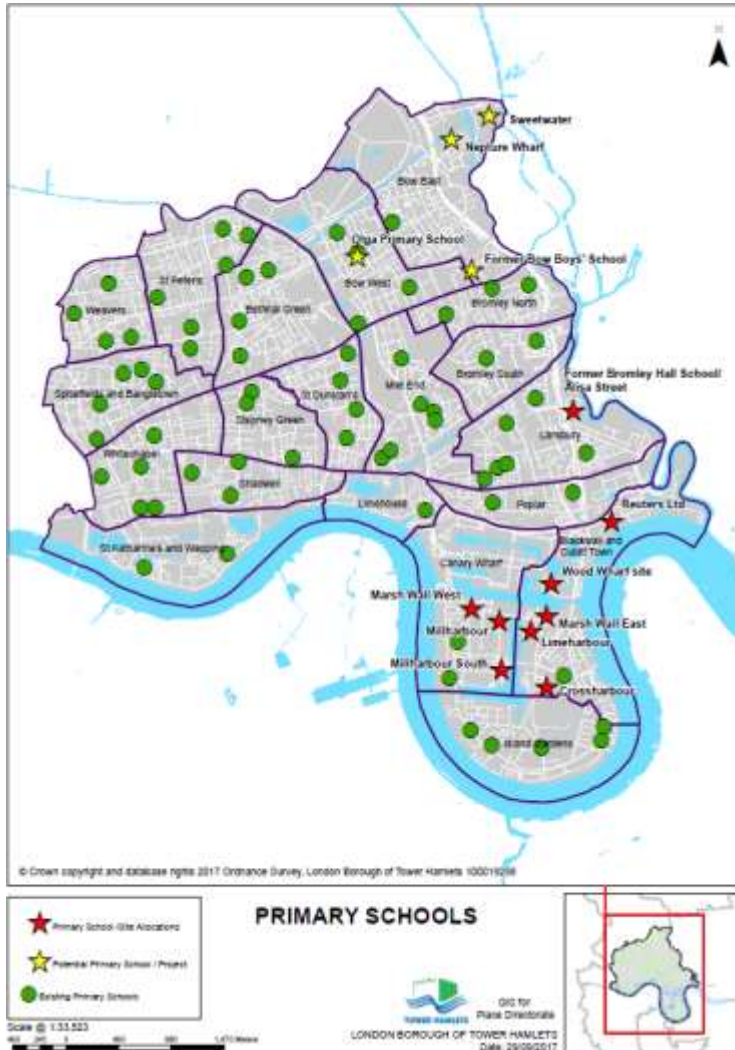
- **Purpose** – *to set out a high level assessment of infrastructure needs at the planning stage to support the Local Plan, Capital Programme and Regeneration, covering a broad understanding of:*
 - *Scope*
 - *Needs – Scale, spatial, phasing*
 - *Known / planned delivery to meet needs*
 - *Known funding sources*
 - *Estimate of funding gap*
 - *Space to deliver – link to Site Allocations in Local Plan*
 - *Estimate of who, where, when.*
- **Responsibility of Infrastructure Planning Service**

Plan – Cumulative housing development by Ward

Appendix A: Cumulative housing development by ward, 2015/16 to 2030/31				
Ward	2015/16	2016/17 to 2020/21	2021/22 to 2025/26	2026/27 to 2030/31
Bethnal Green	20	989	1,424	1,663
Blackwall and Cubitt Town	84	6,197	10,974	12,563
Bow East	258	510	565	627
Bow West	56	134	195	264
Bromley North	35	834	926	1,016
Bromley South	435	1,328	1,516	2,127
Canary Wharf	237	4,732	11,192	14,362
Island Gardens	258	514	652	706
Lansbury	735	2,264	4,049	5,875
Limehouse	8	125	179	285
Mile End	8	913	1,500	1,753
Poplar	106	1,114	1,910	3,571
Shadwell	29	429	643	735
Spitalfields and Banglatown	31	593	1,274	1,677
St Dunstan's	110	396	455	547
St Katharine's and Wapping	8	786	2,189	3,254
St Peter's	76	672	963	1,266
Stepney Green	8	89	199	345
Weavers	8	403	966	1,197
Whitechapel	611	2,643	3,627	3,745
<i>Tower Hamlets</i>	<i>3,121</i>	<i>25,665</i>	<i>45,395</i>	<i>57,576</i>

Source: Infrastructure Delivery Plan, 2017

Plan – Mapping education needs / supply – example education



Source: Infrastructure Delivery Plan, 2017

Plan – Planned and potential projects to meet need – example transport

Project Reference	Ward/ location	Description	Estimated Cost	CIL/S106 Funding required?	Planned Year of delivery
Fish Island - TfL Cycle Hire Scheme Extension/ Enhancement	Bow East	Improvements and enhancements to the TfL Cycle Hire scheme	£40k per station	No	2017
Whitechapel Station Upgrade	Whitechapel	Interchange upgrade and connectivity improvements	£3.7m	TBC	TBC
Hackney Wick Station - Crossrail 2	Bow East	Eastern branch interchange station	TBC	TBC	TBC
Hackney Wick Station Upgrade	Bow East	Upgrade station access.	£1m from LBTH, £25m total.	£1m committed	2018
Bromley by Bow Station - Upgrade	Bromley North	Station upgrade and connectivity improvements	£86.5m	TBC	TBC
South Dock Bridge 1	Canary Wharf	Provision of a second Walking and Cycling Bridge across South Dock	£10m	Yes	2021
South Dock Bridge 2	Canary Wharf	Provision of a replacement of Wilkinson Eyre Bridge pedestrian bridge across South Dock	£10m	Yes	TBC
Public Realm Gateway/ Streetscene Enhancement Programme	Borough-wide	Provision of Public Realm Gateway, 13 yr programme / Upgrading street scene, creating health streets (transforming major street	£15m	Yes	2030

Source: Infrastructure Delivery Plan, 2017

Plan – Costs and Funding Gap

Infrastructure Category	Total Combined Cost of Projects	% of Total Cost	Number of Projects	Number of uncosted projects
Early Years Infrastructure	£1,047,768	0%	18	0
Primary Education Infrastructure	£123,240,000	6%	12	2
Secondary Education Infrastructure	£222,200,000	12%	9	1
Special Education Infrastructure	£15,000,000	1%	2	0
Health Facilities	£14,640,665	1%	21	8
Leisure and Sports Facilities	£550,000	0%	11	10
Idea Stores and Libraries	£38,500,000	2%	7	0
Transportation, Connectivity and Public Realm Infrastructure	£1,319,140,000	69%	72	7
Publicly Accessible Open Space	£74,910,000	4%	38	32
Employment and Enterprise Infrastructure	£40,000,000	2%	3	0
Community Centres	£2,240,000	0%	6	2
Youth Centre Facilities	£350,000	0%	2	1
Strategic Energy and Sustainability	£4,000,000	0%	2	0
Strategic Flood Defence Infrastructure	£1,600,000	0%	2	1
Council Managed Markets Infrastructure	£2,950,000	0%	5	0
Public Safety and Emergency Services Infrastructure	£31,936,000	2%	5	0
Utilities and Telecommunications Infrastructure	£4,500,000	0%	3	2
Waste Management Infrastructure	£4,000,000	0%	3	2
Total	£1,895,604,433	100%	221	68

Source: Infrastructure Delivery Plan, 2017

Known funding sources will provide income of £1.25bn

Current estimated funding gap of £650m

The scale of gap is not unusual at the plan stage and may be tackled by:

- *Further CIL/S106 funding*
- *External funding*
- *Prioritisation*
- *Cost engineering*

Refine & Detail – Detailed data and studies to focus on solutions

- **Purpose** – *to develop understanding and provide focused assessment to enable development of effective solutions and delivery to take place.*
- *Focused intervention, such as:*
 - **Specific infrastructure types** – *Example 1: Utilities in East*
 - **Spatial areas** – *Example 1: Utilities in East*
 - **Additional data** – *Example 2 – New Occupancy Survey*
- *Detailed inputs then refine approach to:*
 - *Scale*
 - *Phasing*
 - *Funding (internal and external)*
 - *Deliverability*
- **Responsibility of Infrastructure Planning / Regeneration Services**

Develop & Deliver

- *Capital Programme – Focus on delivery in next three years.*
- *Regeneration Team being established to support development and delivery of infrastructure*
- *Site allocations process used wherever possible to ensure timely delivery of infrastructure*
- *Partnership working with GLA / TfL*
- *Local Infrastructure Fund to meet local needs*
- **Responsibility of Service Areas, and Regeneration and Capital Delivery Teams**