

Thurrock Green & Blue Infrastructure Strategy

4th November 2019



Presentation content



1. Work done to inform Green & Blue Infrastructure (GBI) Strategy
2. Overview of GBI proposals
3. Next steps

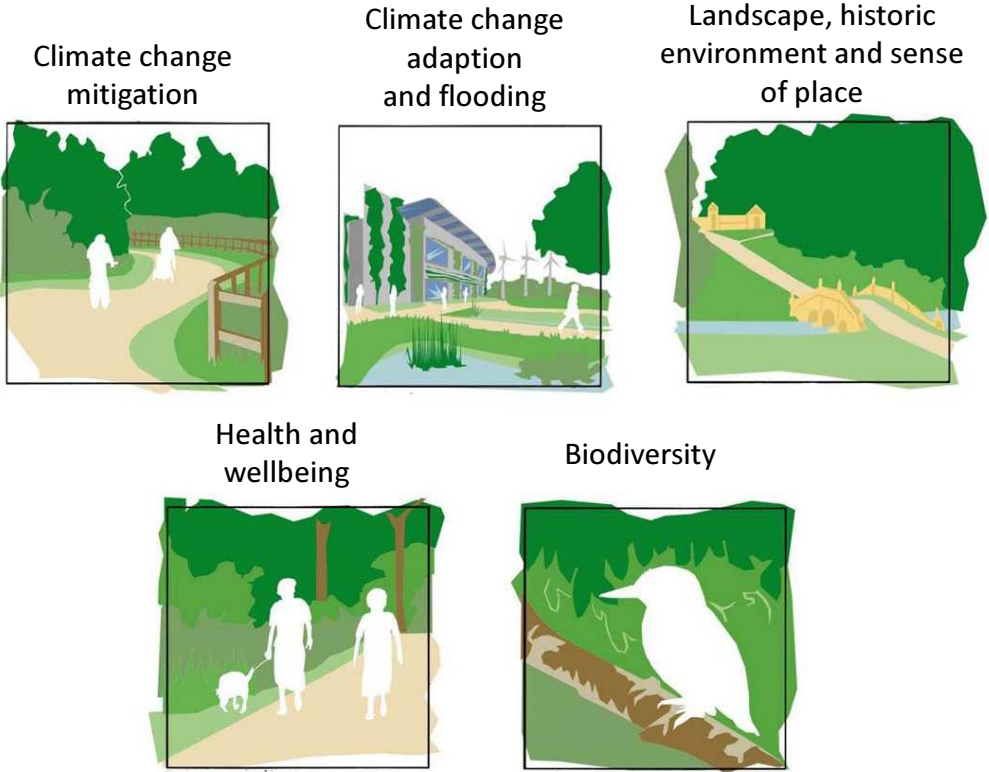


Moat at Coalhouse Fort

What is Green & Blue Infrastructure?



Green and Blue infrastructure: A network of multi-functional green space and water space, urban and rural, which is capable of delivering a wide range of environmental and quality of life benefits for local communities.



Strategy development



Page 4

- Understand issues and drivers
- Analyse existing assets
- Identify gaps and opportunities
- Consultation with stakeholders
- Develop GBI projects



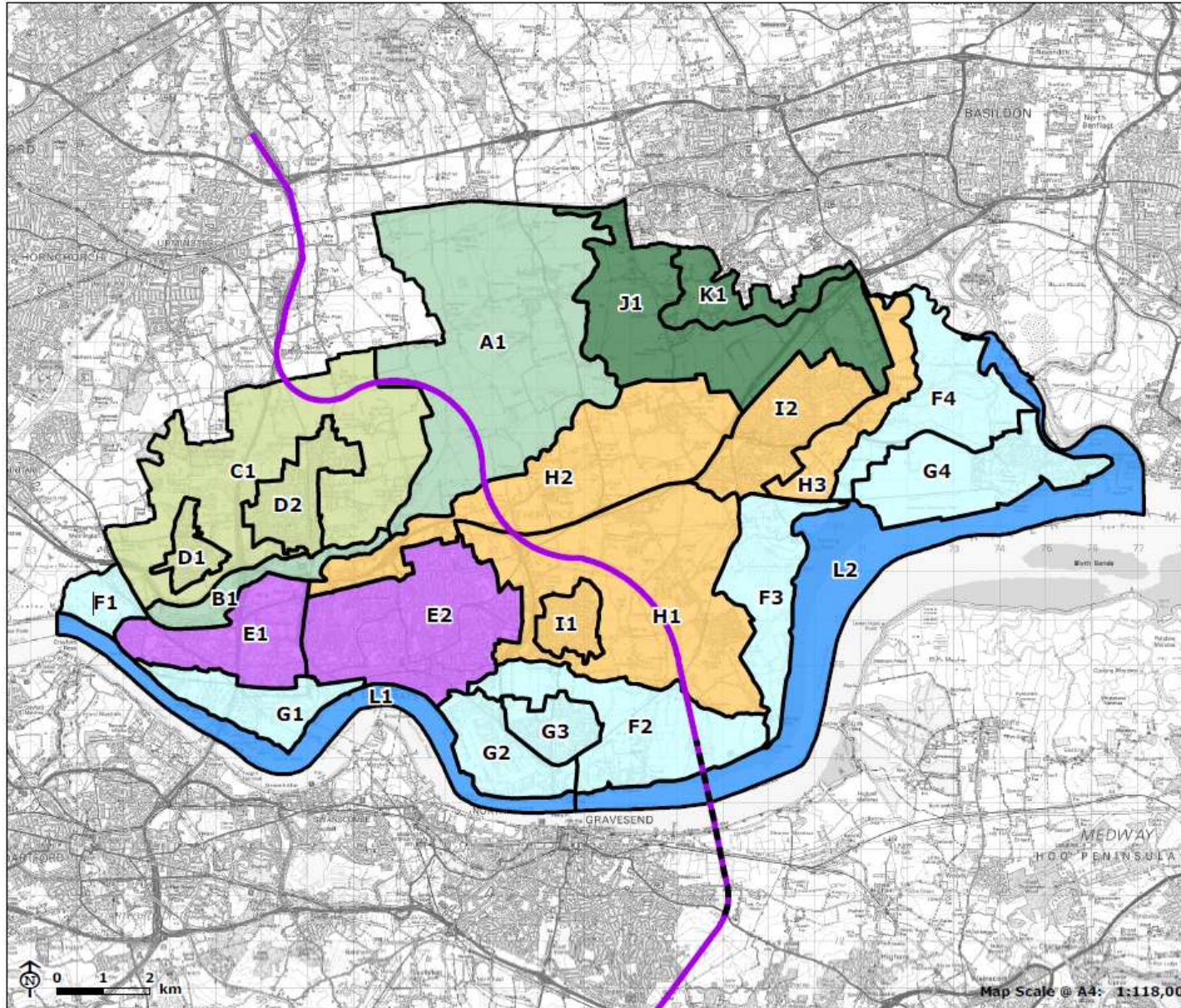
Davy Down Riverside Park

Existing assets: landscape character



Thurrock Local Plan Green Infrastructure

Figure 5.1: Landscape Character



Legend

- Thurrock
- Neighbouring authority
- Lower Thames Crossing
- Lower Thames Crossing tunnel

Local Type

- A: Fenland
- B: River Valley
- C: Farmed River Terrace Gravels
- D: Towns on River Terrace Gravels
- E: Settled Chalk Ridge
- F: Undeveloped Marsh
- G: Developed Marsh
- H: Open Undulating Farmland
- I: Towns on Farmland
- J: Lower Hill Slopes
- K: Higher Hills
- L: Local River Reaches

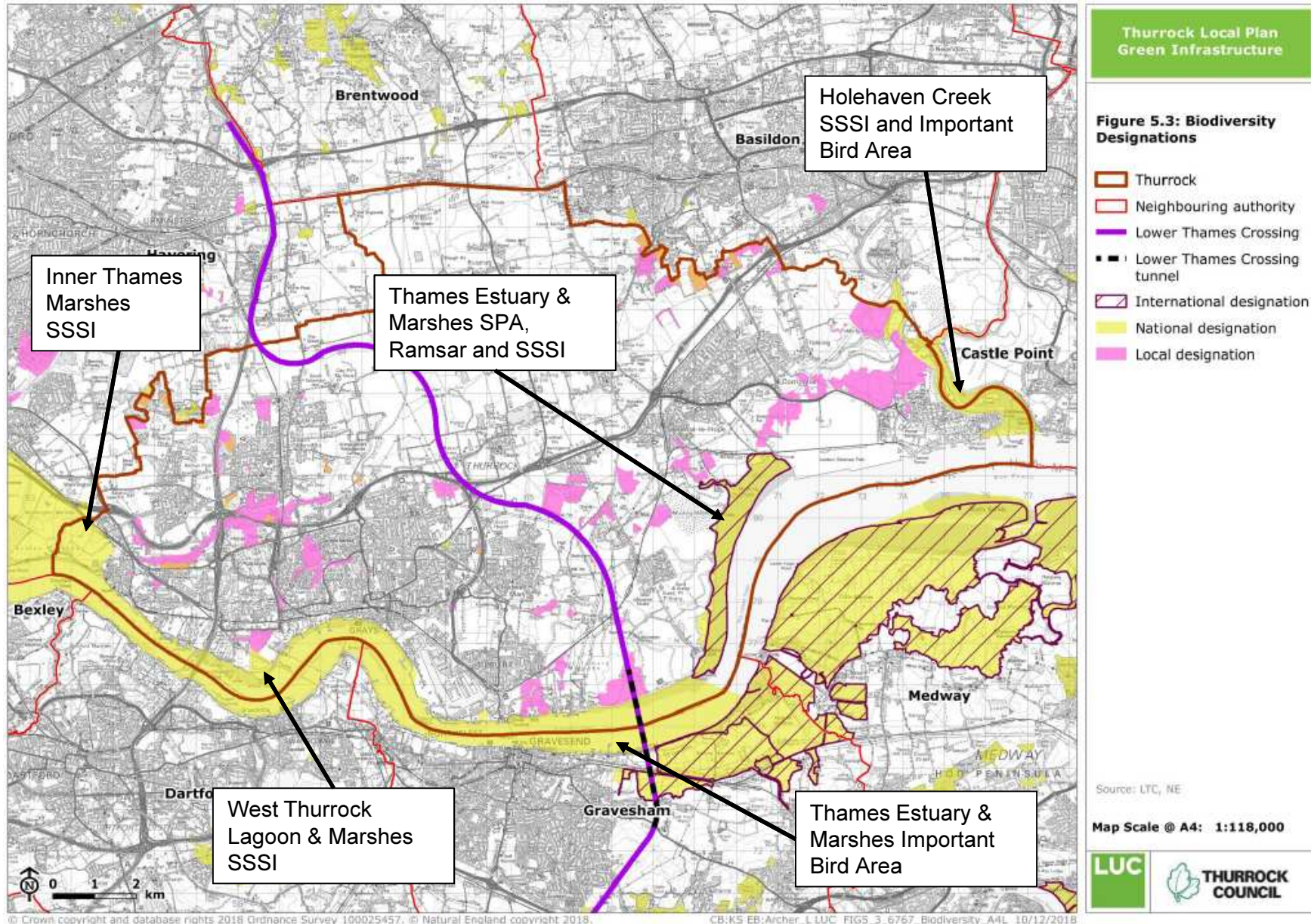
Local Area

- A1: Bulphan Fenland
- B1: Lower Mar Dyke River Valley
- C1: Belhus Farmed River Terrace Gravels
- D1: Aveley
- D2: South Ockendon
- E1: West Thurrock, Lakeside & Purfleet
- E2: Grays, Chafford Hundred & South Stifford
- F1: Aveley Marshes
- F2: Tilbury Marshes
- F3: Mucking Marshes
- F4: Fobbing Marshes & Haven Creek
- G1: West Thurrock Marshes
- G2: Tilbury Docks
- G3: Tilbury
- G4: London Gateway Port
- H1: East & West Tilbury Open Undulating Farmland
- H2: Orsett & Horndon on the Hill Open Undulating Farmland
- H3: Fobbing Ridge Open Undulating Farmland
- I1: Chadwell St Mary
- I2: Stanford-le-Hope & Corringham
- J1: Langdon Lower Hill Slopes
- K1: Langdon Higher Hills
- L1: Long Reach to Northfleet Hope
- L2: Gravesend Reach to Sea Reach
- M1: Long Reach to Northfleet Hope
- M2: Gravesend Reach to Sea Reach

Map Scale @ A4: 1:118,000

LUC THURROCK COUNCIL

Existing assets: biodiversity



Existing assets: biodiversity



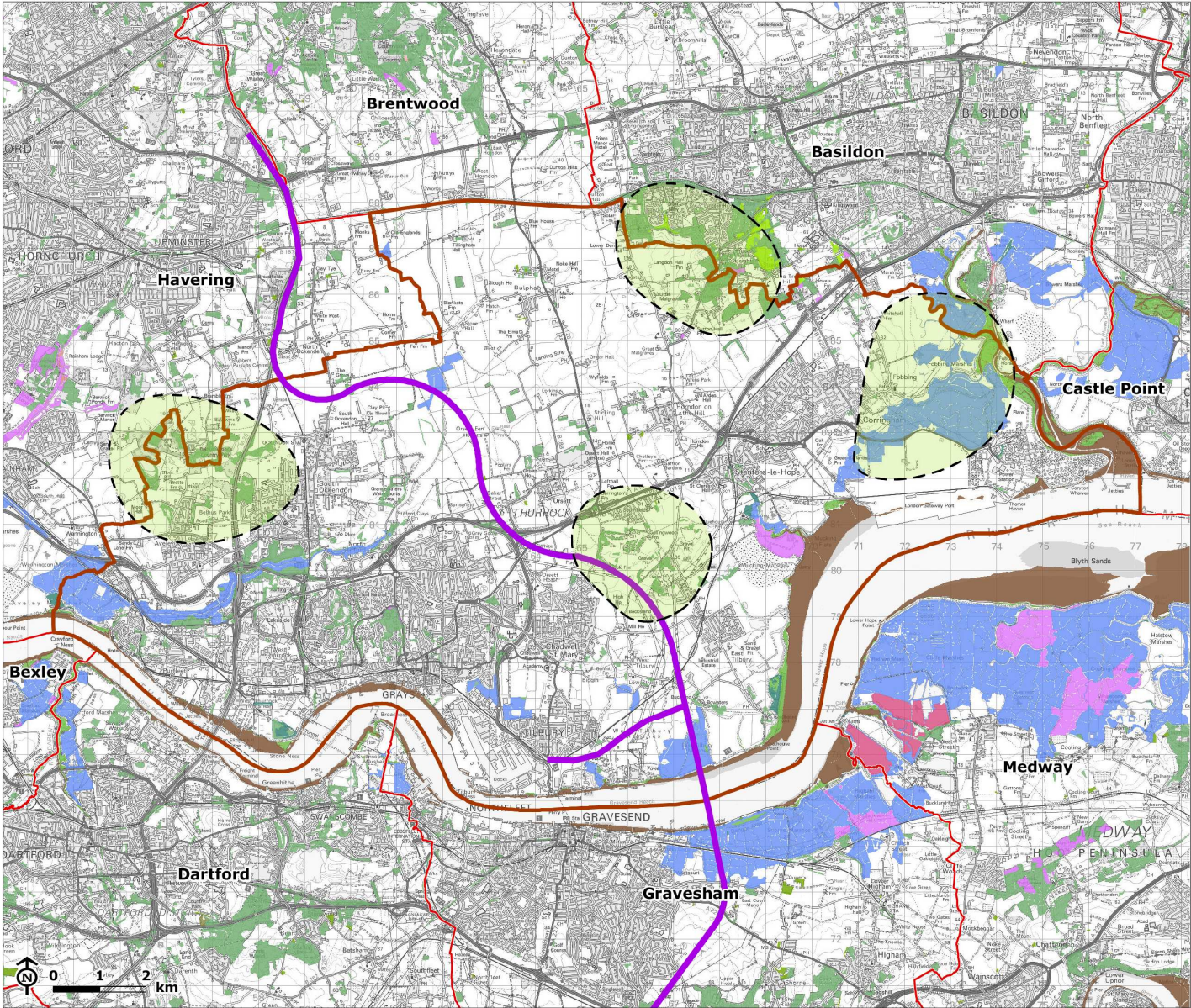
Thurrock Local Plan Green Infrastructure

HWBa: Priority Habitat

- Thurrock
- Neighbouring authority
- Lower Thames Crossing

Priority habitat inventory

- Coastal and floodplain grazing marsh
- Coastal saltmarsh
- Deciduous woodland
- Good quality semi-improved grassland
- Lowland calcareous grassland
- Lowland dry acid grassland
- Lowland fens
- Lowland heathland
- Lowland meadows
- Mudflats
- Reedbeds
- Saline lagoons
- Traditional orchard
- Area with fragmented priority habitat

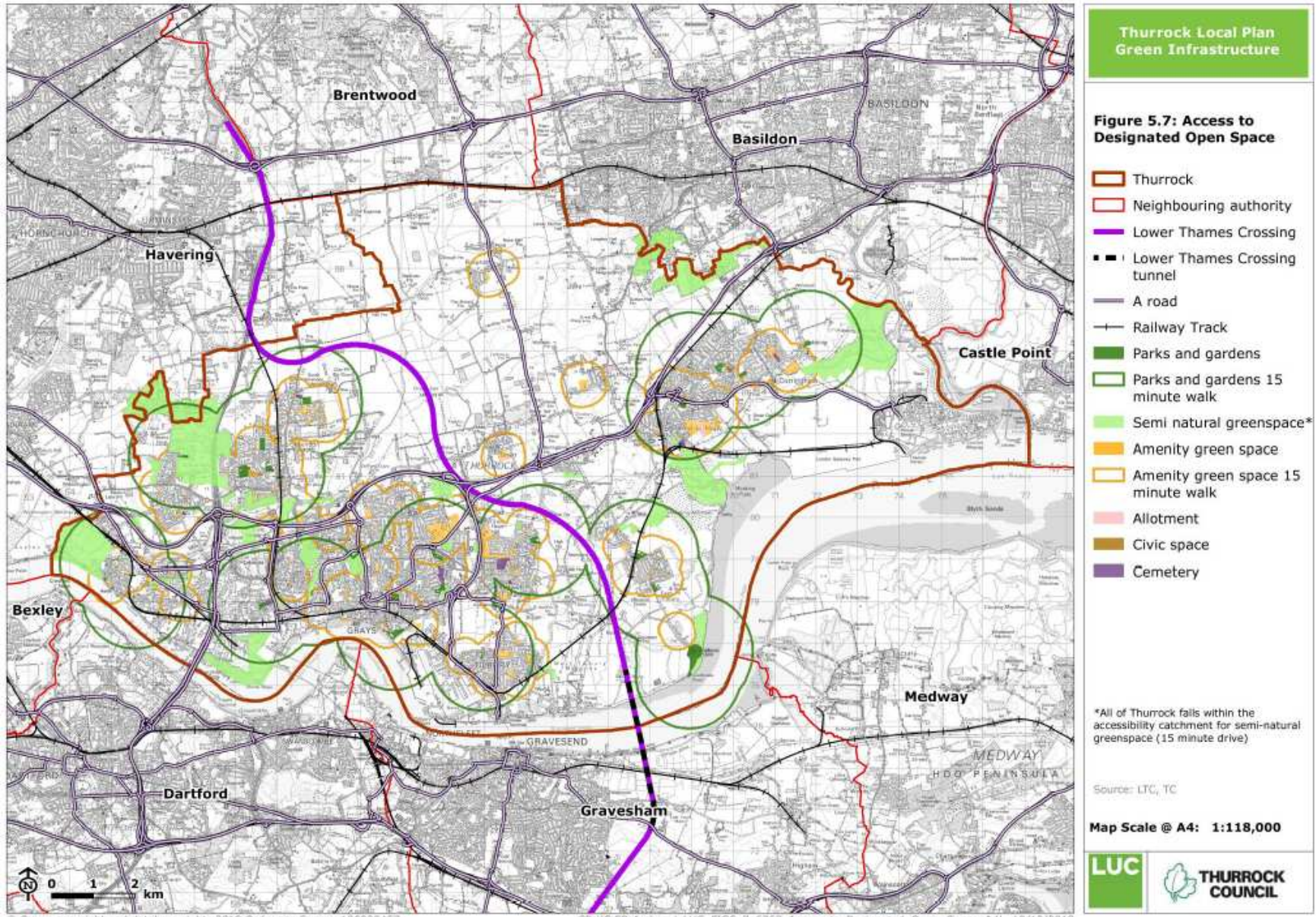


Source: LTC, NE

Map Scale @ A4: 1:118,000



Existing assets: access to green space



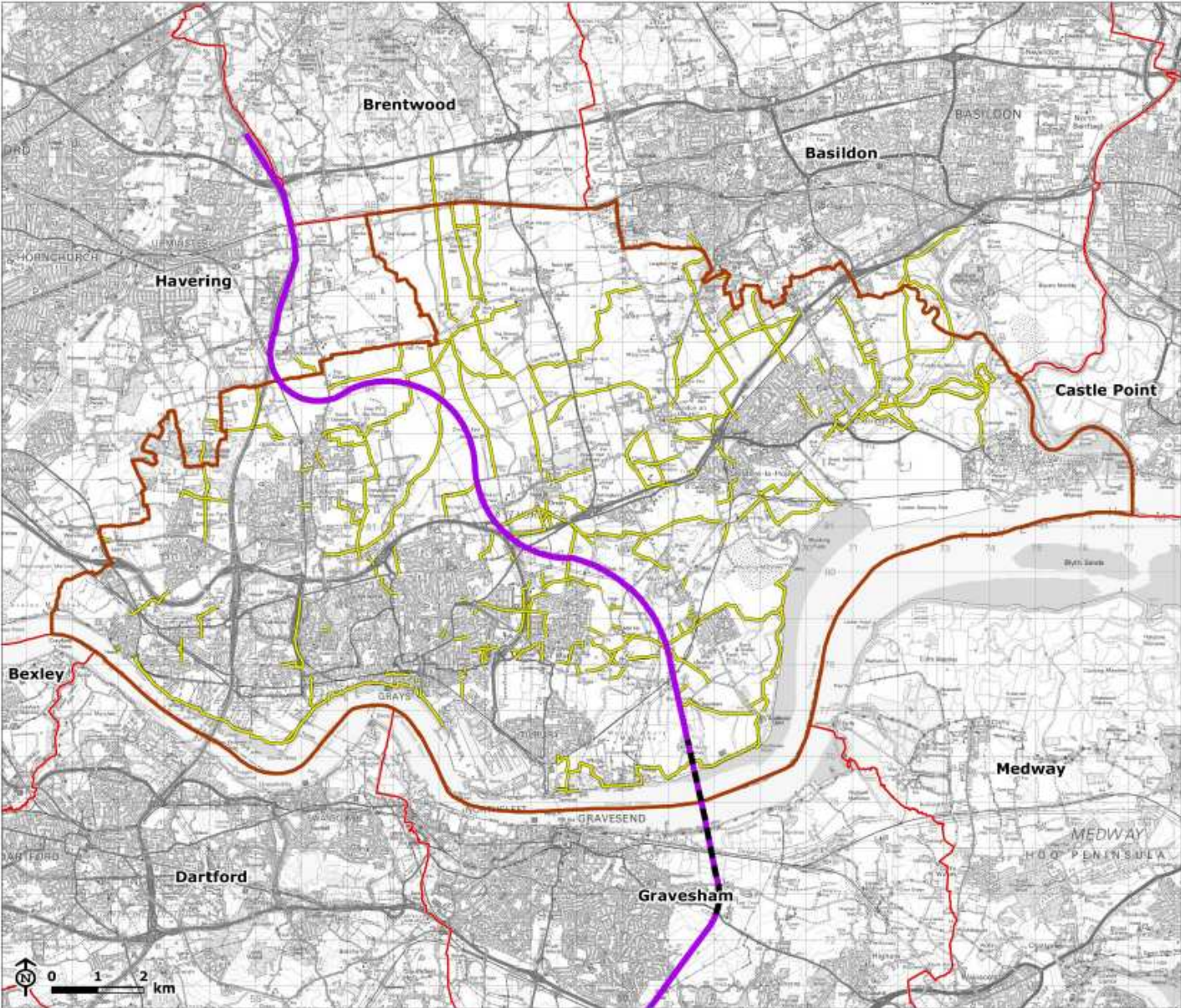
Existing assets: footpaths



Thurrock Local Plan Green Infrastructure

Figure 5.8: Public Rights of Way

-  Thurrock
-  Neighbouring authority
-  Lower Thames Crossing
-  Lower Thames Crossing tunnel
-  Public Rights of Way



Source: LTC, Sostrans, TC

Map Scale @ A4: 1:118,000



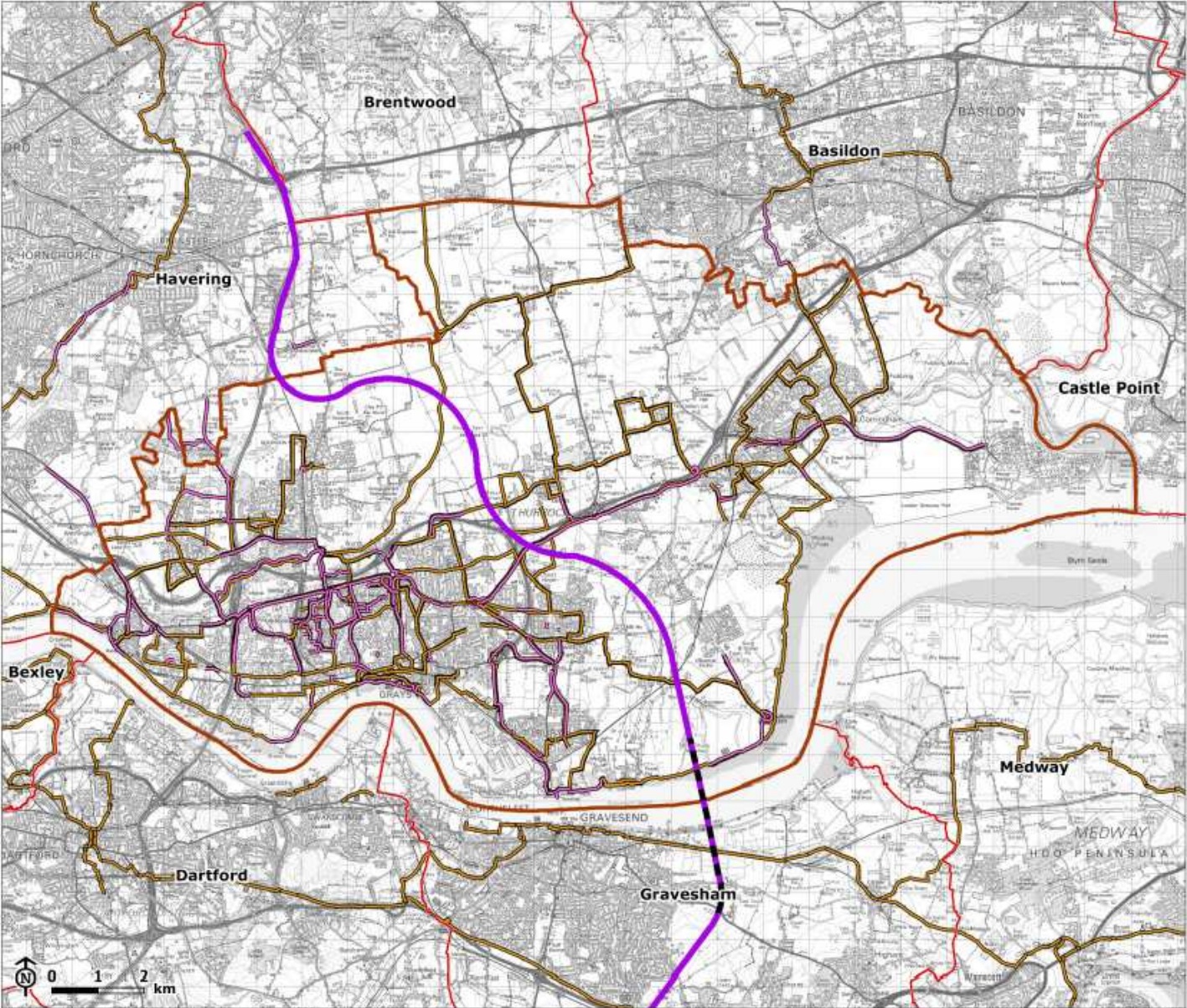
Existing assets: cycle routes



**Thurrock Local Plan
Green Infrastructure**

Figure 5.9: Cycle Paths

- Thurrock
- Neighbouring authority
- Lower Thames Crossing
- Lower Thames Crossing tunnel
- Traffic free cycle route
- Other cycle route



Source: LTC, Sustrans, TC

Map Scale @ A4: 1:118,000



Existing assets: historic environment



Thurrock Local Plan Green Infrastructure

Figure 5.2: Historic Environment



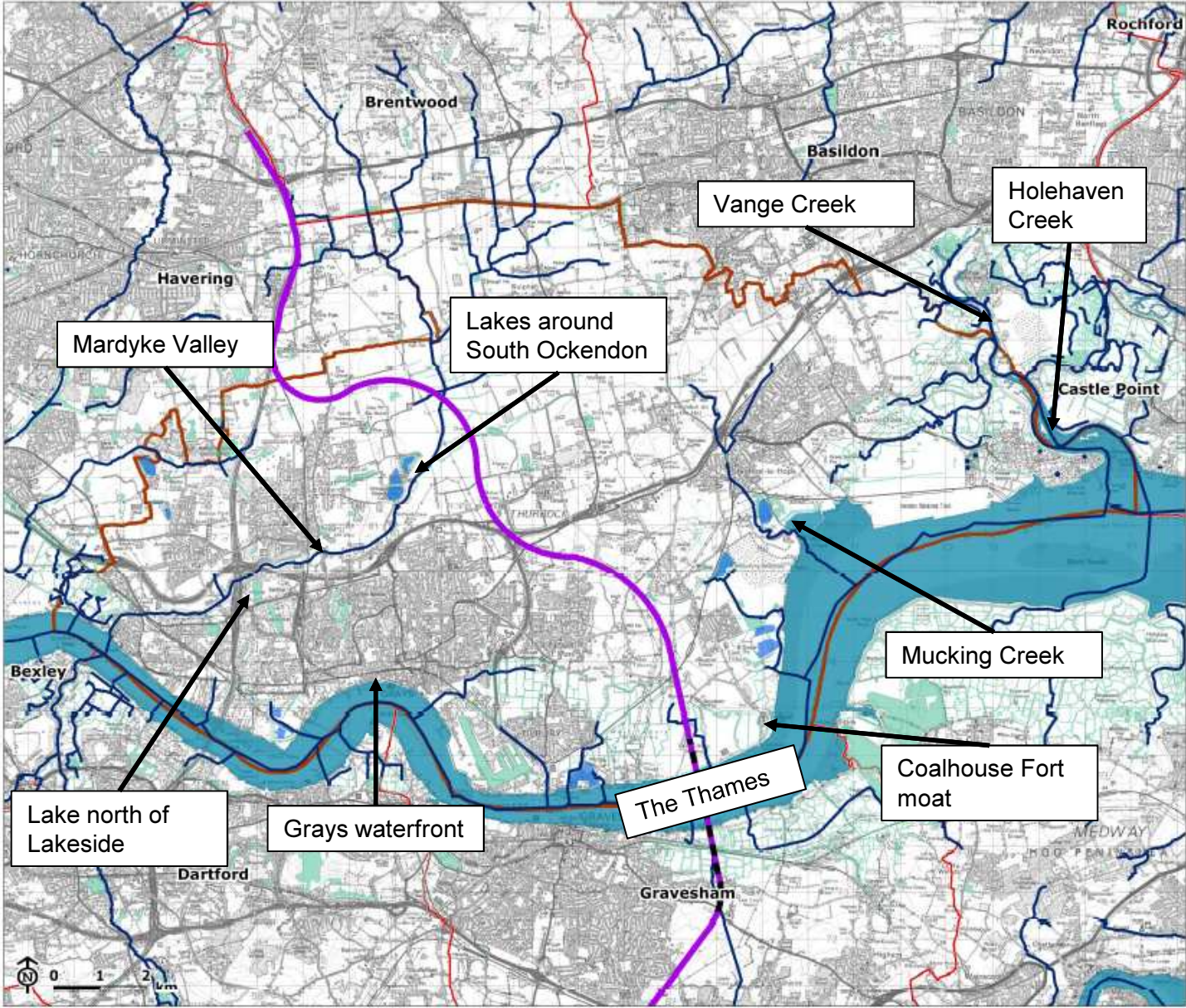
- Thurrock
 - Neighbouring authority
 - Lower Thames Crossing
 - Lower Thames Crossing tunnel
- Listed building**
- Grade I
 - Grade II*
 - Grade II
 - Conservation areas
 - Scheduled Monument
 - Heritage at Risk

Source: HE, LTC

Map Scale @ A4: 1:118,000



Existing assets: blue infrastructure



**Thurrock Local Plan
Green Infrastructure**

Figure 5.10: Blue Infrastructure

- Thurrock
- Neighbouring authority
- Lower Thames Crossing
- Lower Thames Crossing tunnel
- Rivers and streams
- Lakes
- Tidal water
- Surface water

Source: OS

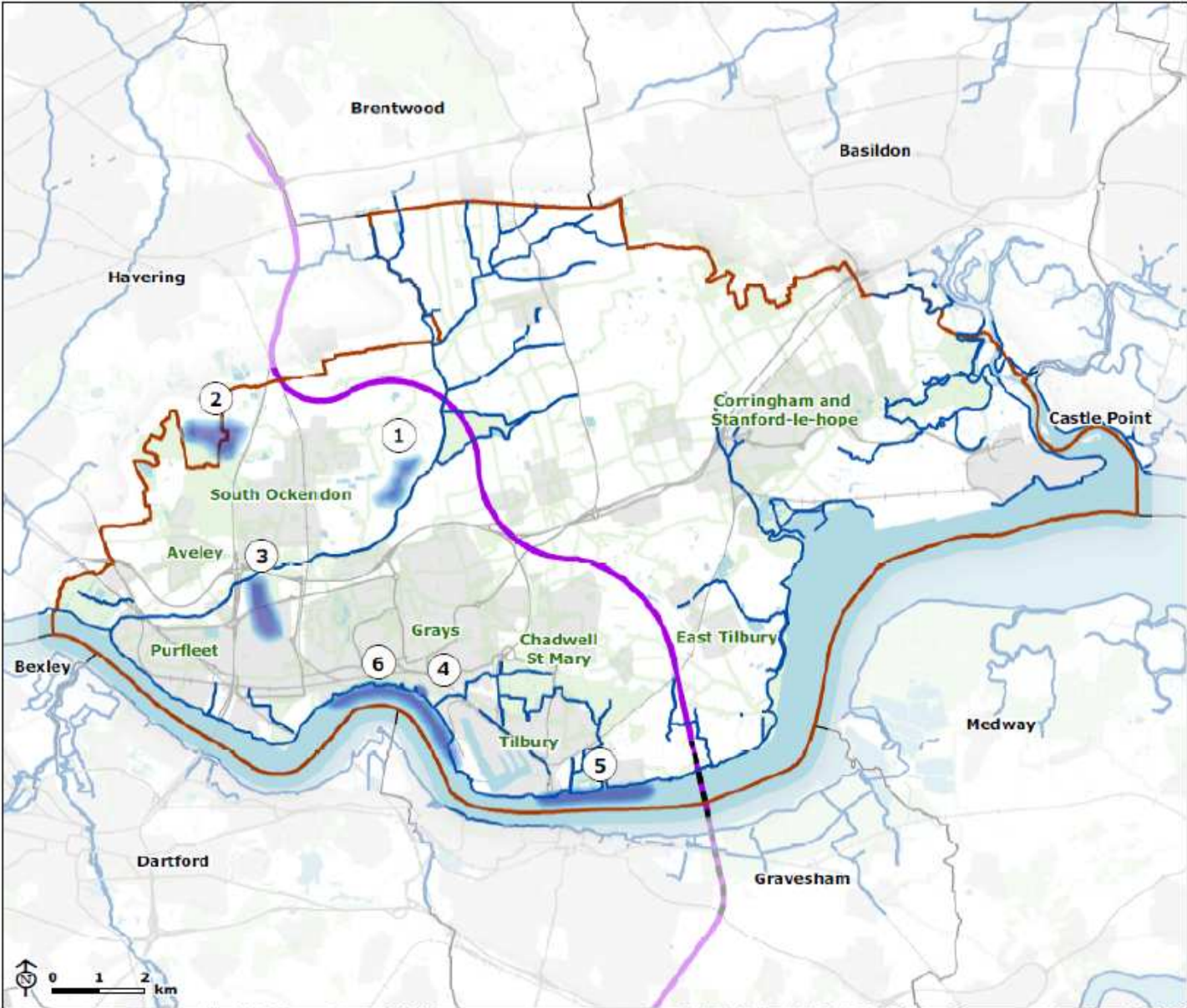
Map Scale @ A4: 1:118,000



Proposals: blue infrastructure



Page 13



**Thurrock Local Plan
Green Infrastructure**

Figure 7.2: Strategic Blue Infrastructure Projects

- Thurrock
- Neighbouring authority
- Lower Thames Crossing
- Lower Thames Crossing tunnel
- Blue Infrastructure Opportunities**
 1. Grangewaters
 2. Lakes at Belhus Country Park
 3. Lakeside
 4. Thurrock Yacht Club
 5. Enhanced access for river transportation
 6. Additional Leisure Moorings
- 7. EA Flood Defence Infrastructure

Source: LUC, LTC

Map Scale @ A4: 1:118,000

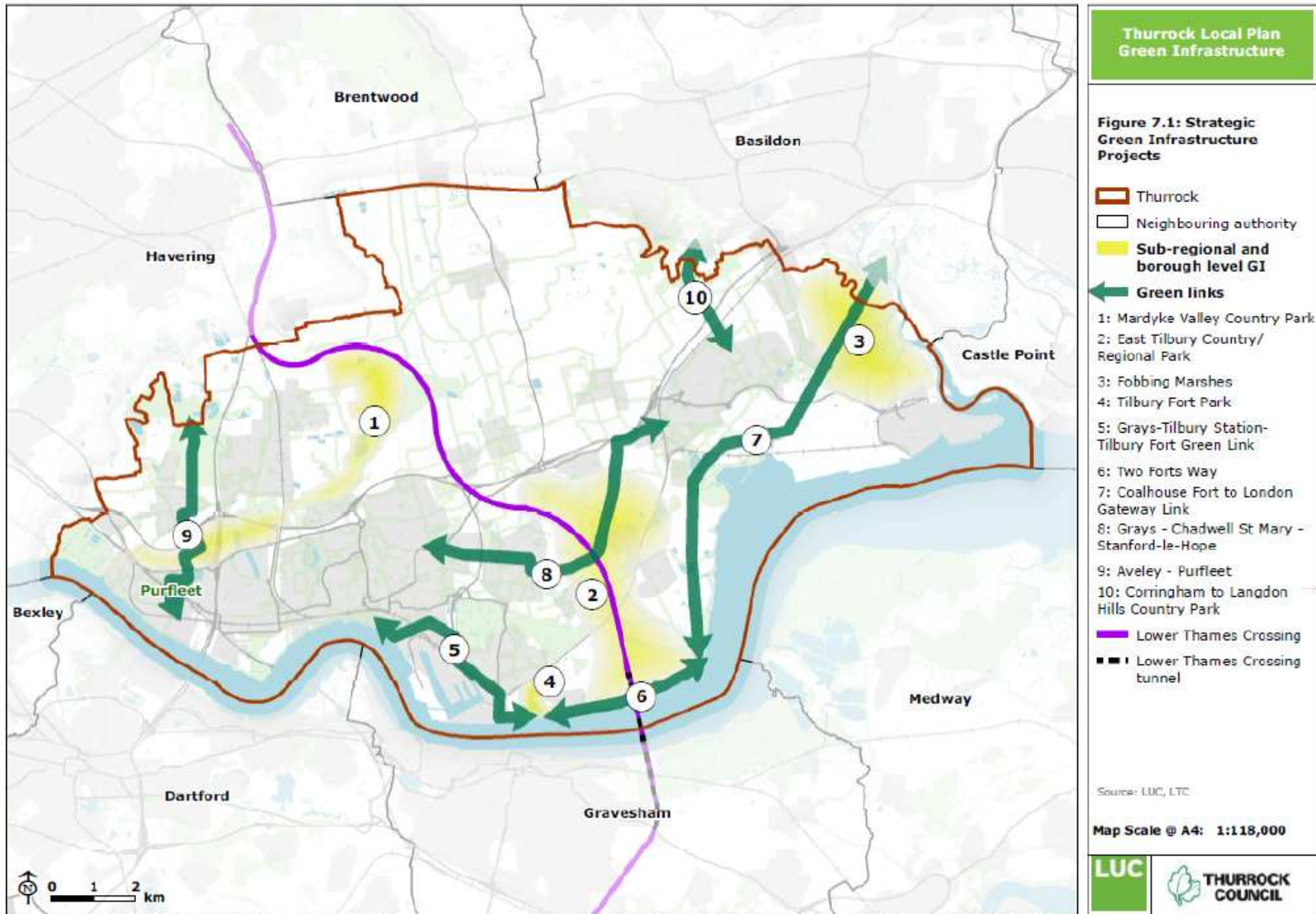


Proposals: green infrastructure

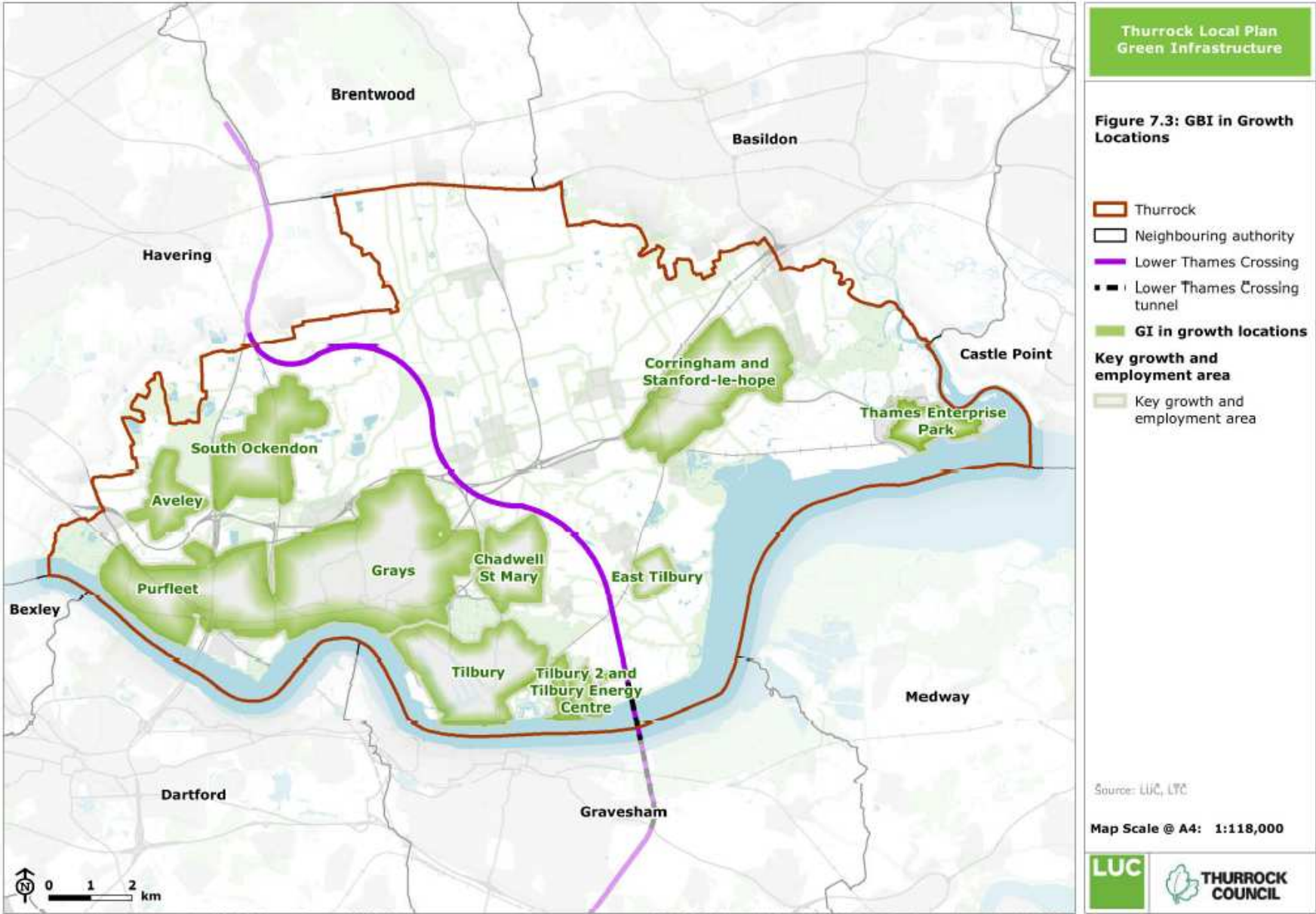
Sub-regional and borough level GI & green links



Page 14



Proposals: GBI in growth locations



Delivery mechanisms



- Embed the proposals in the Local Plan
- Mitigation for NSIPs (LTC and Tilbury Energy Centre)
- Establishing partnerships and dedicated delivery bodies
- Biodiversity net gain / offsetting / SANGs

Funding



- Funding through CIL / s106
- Landfill Communities Fund
- Countryside Stewardship
- Carbon offsetting
- Capital Programmes
- The National Lottery
- Environment Agency funding
- Charitable trusts
- Endowments
- Local business sponsorship

Next Steps



Finalise GBI Strategy

- Ensure baseline information is up to date.
- Co-ordinate with mitigation proposals for Lower Thames Crossing, once more details are known.
- Give greater consideration to how proposals can help address the climate crisis.

Take forward GBI Strategy

- Identify the best means of delivery
- Work with stakeholders to develop GBI projects
- Engage with NSIP consultation process
- Feasibility studies
- Training on GBI for members and officers
- Workshop to consider how the GBI strategy relates to other strategies
- Monitoring