

From: Barbara Cooper, Corporate Director of Growth, Environment and Transport
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To: Health and Wellbeing Board 20 May 2015

Subject: Kent and Medway Growth and Infrastructure Framework

Classification: Unrestricted

Past Pathway of Paper: Information item for Environment and Transport Cabinet Committee, 9 April 2015 and Cabinet, 27 April 2015

Future Pathway of Paper: Information item for Environment and Transport Cabinet Committee, 21 July 2015

Electoral Division: Countywide

Summary:

The objective of a Growth and Infrastructure Framework for Kent and Medway is to set out the growth planned across Kent and Medway to 2031 along with infrastructure that will be needed to facilitate this growth. The framework will also provide an estimate of the associated infrastructure costs (including health), an assessment of available funding and identify the funding gaps faced by KCC and partners in delivering sustainable growth over the next 20 years.

The purpose of the work is to provide an evidence base for the start of a dialogue with the new Government on how we begin to close this infrastructure funding gap in order for growth to be delivered. It will also provide a valuable tool in the forthcoming debate with London on how the capital plans to meet its future housing growth requirements.

The report also seeks advice on how best to engage with the 'health sector' in the debates both about how health will be delivered in the future and the costs of that provision.

Recommendation:

That the Health and Wellbeing Board note the progress being made to establish a Growth and Infrastructure Framework for Kent and Medway and provide comment on how best we engage with the health sector in debates about growth; about future health provision; and funding for health.

1. Introduction

- 1.1 KCC commissioned AECOM in December 2014 to carry out the first stage of developing the Kent and Medway Growth and Infrastructure Framework (GIF). This work was completed within a very short timescale of less than 8 weeks and presented an overarching baseline of growth patterns, infrastructure projects and cost requirements and gaps. It was produced drawing upon information obtained through Kent County Council officers in a short time-scale. It was completed as a starting point for wider engagement with Medway, the district local authorities and infrastructure providers and is now subject to further review in order to gain a greater level of accuracy drawing upon different sources of information.
- 1.2 Through the project process, a number of 'Stage 2' workstreams were identified that will assist in ensuring the framework is completed to a greater level of detail and accuracy. The completion of these tasks will ensure that the GIF is developed into a comprehensive and robust framework that fully represents the infrastructure requirement to support growth across the County. An update on the second stage of this work is provided below.
- 1.3 The areas of work are nearing completion with a view to the document being finalised by mid May 2015. The workstreams include:

Stage 2 Workstreams	Overview of Tasks
Partner Validation and Engagement	13 x Local Planning Authority (LPA) verification meetings KCC Departments and Officers to review Topic Specific Details Wider Infrastructure partners: NHS, Highways England, Network Rail etc.)
Data Documents Verification	Data gathering completion Integration of latest Integrated Development Plans and Integrated Development Strategies from Local Plans Housing and employment trajectories and specific sites verified to match latest LPA position and sense checked.
Population Forecast Review	Baseline Population forecast Update – Integrated Infrastructure Funding Model (IIFM) Forecast to be re-run based on latest verified housing trajectories and sense checked Review of latest Office for National Statistics population forecasts and Communities and Local Government household forecasts at LPA and County level. Forecast comparisons with rest of South East Counties (Total population growth / migration / age profile change etc.).
Migration and Wider Growth Review	Historic Growth pattern and planning policy review (South East Plan, 2006 Structure plan etc.) Greater London Authority Further Alterations to the London Plan Review and potential impacts on growth across Kent. Options for a 'green belt' type policy for Kent to protect countryside from urban sprawl. Commercial space planned for each district.
Infrastructure Analysis Review	Detailed Scrutiny of KCC Strategic Project Update Database (SPUD) to sense check and remove duplications / inapplicable / delivered projects.

	Identification of gaps in project list for all services and districts. Modelling for longer term infrastructure requirements.
Infrastructure Cost Review	Continuation of stage 1 costing approach of projects where possible. High level costing sense check exercise across topics and districts based on typical development benchmark costs.
Viability Consideration	Consideration of potential developer contributions across Medway and Districts (where data allows) and geographical variation in land values / developer costs.
Infrastructure Funding & Delivery	Review existing project funding assumptions (differentiating developer contributions and other funding sources). Present the existing delivery/funding landscape and emerging changes. Set out the potential funding sources outside developer contributions to bridge the funding gap. Highlight alternative / emerging infrastructure delivery models.
Document Finalisation	Draft Document production and review by client group. Local Authority specific spreads to be shared for review and comment. Document finalisation.

AECOM have engaged with KCC's Public Health team and have shared their technical work at senior management level; good levels of engagement to date.

Engagement has been sought with the CCGs and is important to develop further.

District IDPs have also been used to inform the healthcare provision within the GIF where these identify specific healthcare projects as agreed with service providers.

The subsequent sections refer to emerging figures as follows

2 Health Infrastructure – Primary Care Services

2.1 The Health and Social Care Act 2012 has radically changed the way that primary care services are planned and organised. This has facilitated a move to clinical commissioning, a renewed focus on public health and allowing healthcare market competition for patients. The work undertaken by AECOM to date has provided the following headlines:

2.2 GP's – 1040 across Kent and Medway

- Tunbridge Wells has greatest surplus in patient capacity with 32,000 surplus spaces
- There is additional surplus in Ashford, Canterbury, Dover, Maidstone, Sevenoaks, Shepway
- Medway has a 32,000 space deficit in patient capacity
- There are significant capacity issues in Dartford and Gravesham
- There is a lack of provision in proposed growth areas

2.3 Dentists – 833 across Kent and Medway

- The poorest provision in Kent is in Swale with 2,800 people per dentist. Dover also has limited capacity
- Medway has most capacity at present with 1,680 people per dentist. Canterbury, Dartford, Shepway and Tunbridge Wells also have good provision

2.4 Future requirements to meet growth

- 105 additional GP's and associated premises
- 91 additional dentists and associated premises

2.5 Costs and funding

AECOM has estimated costs based upon a standard multiplier and benchmark costs. This assumes all costs will be met by the NHS. It identifies the following costs (February 2015) for Kent and Medway: **£40,870,000**

3 Health Infrastructure – Hospitals and Mental Health

3.1 Kent and Medway include nine acute NHS trust hospitals, 12 community hospitals, one NHS independent sector hospital, nine private hospitals and seven A&E departments. These are all commissioned by NHS England and the eight CCG's, except the private hospitals. Mental health trusts provide community, inpatient and social care services for psychiatric and psychological illnesses. The work undertaken by AECOM to date has provided the following headlines:

3.2 Hospitals and Mental Health – 3,115 NHS and 502 mental health hospital beds across Kent and Medway

- West Kent has the most acute hospital beds (30%), followed by East Kent (28%), North Kent (23%) and South Kent (18%)
- 96% of hospital and mental health beds were utilised in Kent and Medway according to 2014 data, compared to 90% in England and Wales
- Dartford, Gravesham and Canterbury are all near capacity in bed provision, despite facing significant housing growth
- Higher capacity of beds appears to be available in Sevenoaks, Tunbridge wells and around Faversham

3.3 Future requirements to meet growth

- 455 additional hospital beds required for Kent and Medway, with 73 additional mental health beds
- Dartford will require 98 additional hospital and mental health beds
- Additional requirements largely match future housing growth across the county

3.4 It is acknowledged that the health service is in the process of change and that future secondary care is more likely to be provided away from acute settings and within the community at local points of contact such as primary care and intermediate facilities. This will have major implications on local healthcare infrastructure.

3.5 Costs and funding

AECOM has estimated costs based upon a standard multiplier and benchmark costs. This assumes all costs will be met by the NHS. It identifies the following costs (February 2015) for Kent and Medway: **£68,240,000**

- 3.6 In order to achieve a robust assessment of the health needs to accommodate growth to 2031, greater engagement of the many parts of the health sector needs to occur. The Health and Wellbeing Board are asked to consider and advise on the most effective ways to achieve this, either through CCG's, by local Health and Wellbeing Boards, on a geographical basis or a combination of these.

4 Financial Implications

- 4.1 The work to produce the Kent and Medway Growth and Infrastructure Framework is funded through existing revenue budgets. This work is important as it will identify future pressures for KCC funding of essential infrastructure such as schools and transport.

5 Policy Framework

- 5.1 The Kent and Medway Growth and Infrastructure Framework is relevant to all 3 strategic outcomes in KCC's Strategic Statement 2015-2020: Increasing Opportunities, Improving Outcomes, but in particular Strategic Outcome 2: Kent communities feel the benefit of economic growth by being in work, healthy and enjoying a good quality of life.
- 5.2 In addition, the work contained within the GIF will be integrated and aligned with the emerging Kent and Medway Growth Strategy.

6 Next steps

- 6.1 Once completed, the document will paint a strategic picture of the price of, and risks to, growth. It aims to:
- Collate and summarise population / housing growth projections across districts within Kent.
 - Set out a combined understanding of capacity within current infrastructure provision and pipeline infrastructure projects being taken forward by KCC and other infrastructure providers.
 - Highlight cumulative costs, funding streams and gaps in infrastructure funding.
- 6.2 The GIF has been produced for the following audiences:
- Officers and Members within KCC.
 - Government and infrastructure providers – to demonstrate the requirement and distribution of growth, infrastructure requirements and funding gaps
 - Medway council, district and parish councils and communities to provide a countywide view of development and infrastructure requirements and the opportunities and challenges in delivering infrastructure across the county.

6.3 In addition, the GIF takes into consideration external factors affecting growth and infrastructure provision in Kent in relation to the wider London and south east growth requirements.

6.4 Of particular relevance is the recent Inspector's Report on the Further Alterations to the London Plan which highlighted the lack of capacity in Greater London to meet growth requirements with some of the identified 6,300 homes per annum shortfall likely to be met in areas outside London, including Kent and Medway.

7 Conclusions

7.1 The objective of a Growth and Infrastructure Framework for Kent and Medway is to set out the growth planned across Kent and Medway to 2031 along with infrastructure that will be needed to facilitate this growth. The framework will also provide the associated infrastructure cost, an assessment of available funding and identify the funding gap we face in delivering sustainable growth.

7.2 The purpose of the work is to provide an evidence base for the start of a dialogue with the new Government on how we begin to close this infrastructure funding gap. It will also provide a valuable tool in the forthcoming debate with London on how the capital plans to meet its future growth requirements.

8. Recommendation:

That the Health and Wellbeing Board note the progress being made to establish a Growth and Infrastructure Framework for Kent and Medway and provide comment on how best we engage with the health sector in debates about growth; about future health provision; and funding for health.

9. Background Documents

9.1 Kent and Medway Growth and Infrastructure Framework discussion draft
February 2015, AECOM

10. Contact details

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