



SOUTH BUCKS
District Council

Making the case at local level

Cllr Ralph Bagge

Leader, South Bucks District Council

Vice Chair, PHAC E, NICE

Three Rivers District

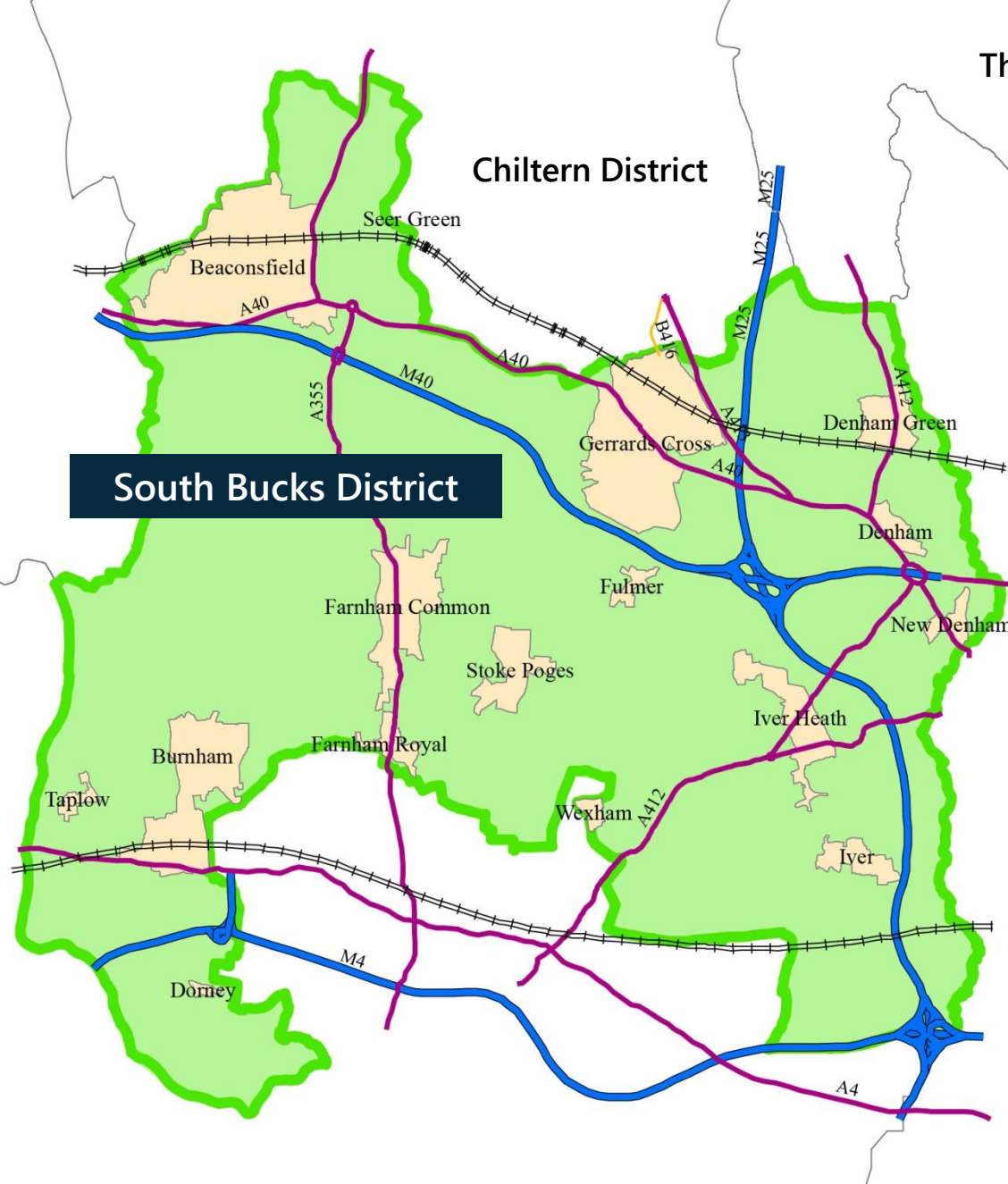
Chiltern District

Wycombe District

South Bucks District

London Borough of Hillingdon

Royal Borough of Windsor & Maidenhead



- Know your local hot spots
- Importance of measurement and data
- Engagement of EH officers
- Securing political support
- Councils leading by example – think AQ impacts across the business

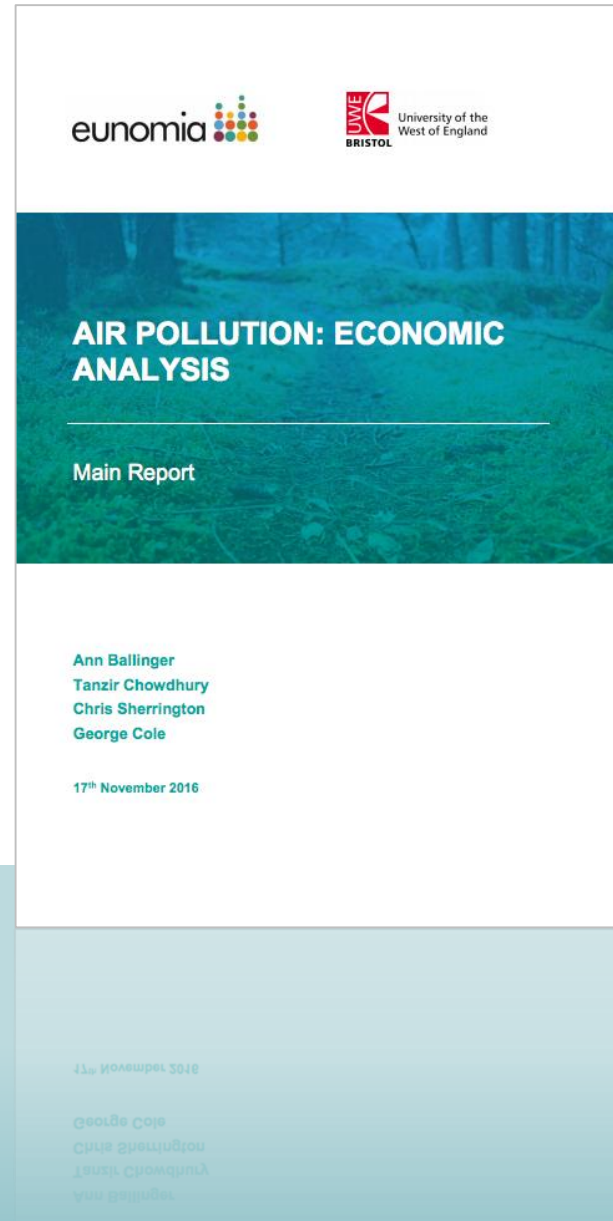
Some measures are very local

- No-idling zones outside schools, residential homes and hospitals
- Improving walking and cycling
- Provision for electric vehicles



Economic Analysis

- Measures recommended in the guidance
- Outline scheme costs
- Benefit to cost ratios



	Indicative financial costs in first year	Total indicative benefits in first year	Indicative case study cost benefit ratio	Indicative cost per QALY gained	Case study verdict	Applicability to typical UK local authority
Off road cycle paths	£61,100	£853,236	14	£5,075	Cost effective	Optimistic scenario modelled ¹
Bypass construction	£265,250	£2,620,276	10	£6,971	Cost effectiveness uncertain due to data quality issues	Highly dependent on local circumstances
Motorway barriers	£240,985	£626,883	3	£25,199	Cost effectiveness uncertain due to data quality issues	Optimistic scenario modelled ¹
Street washing and sweeping	£25,825	£3,849,845	149	£441	Cost effective	Optimistic scenario modelled ¹
One off road closures	Unknown	£39,020	N/A	N/A	Cost effectiveness uncertain due to data quality issues	Does not reflect typical closure scenario
Low emission zones	£598,157	£15,939,949	27	£2,465	Long term cost effectiveness uncertain	Some dependency on local circumstances
Speed restrictions	£37,500	£1,905,673	51	£1,293	Cost effective	Optimistic scenario modelled ¹
Vehicle idling (at schools)	£19,000	£830,908	44	£1,572	Cost effective	Optimistic scenario modelled ¹

- Range of measures - all have good BCRs
- Costs per QALY are impressive
- Wider public sector perspective needed for funding
- Importance of working across administrative boundaries at sub-regional level - e.g. Clean Air Zones, Congestion Charging

