

Community Conference

4th September 2009



**&ALDE
&ORE
FUTURES**



Welcome

Cllr Andy Smith

Chair of Suffolk Coast Futures



ALDE
& ORE
FUTURES

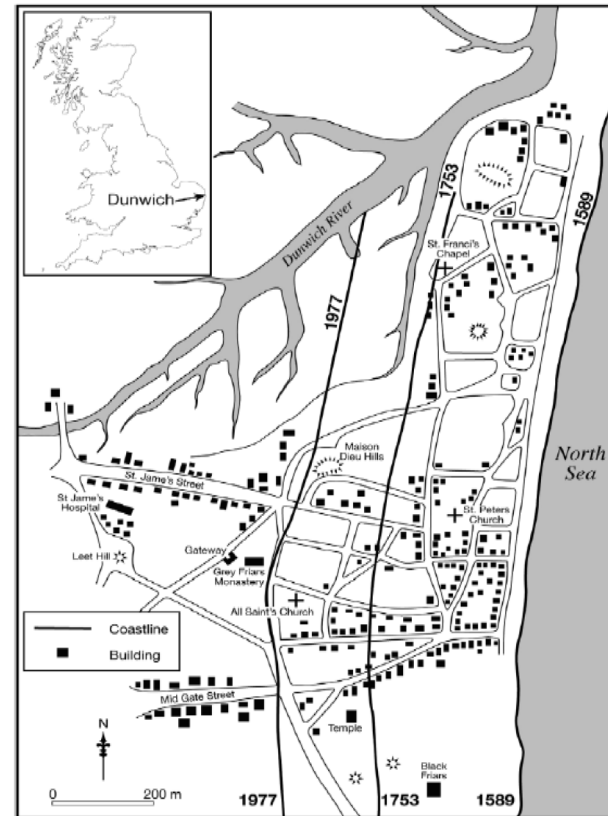
Facing Challenge Together Alde and Ore Futures

Jeremy Schofield

Strategic Director, Suffolk Coastal DC



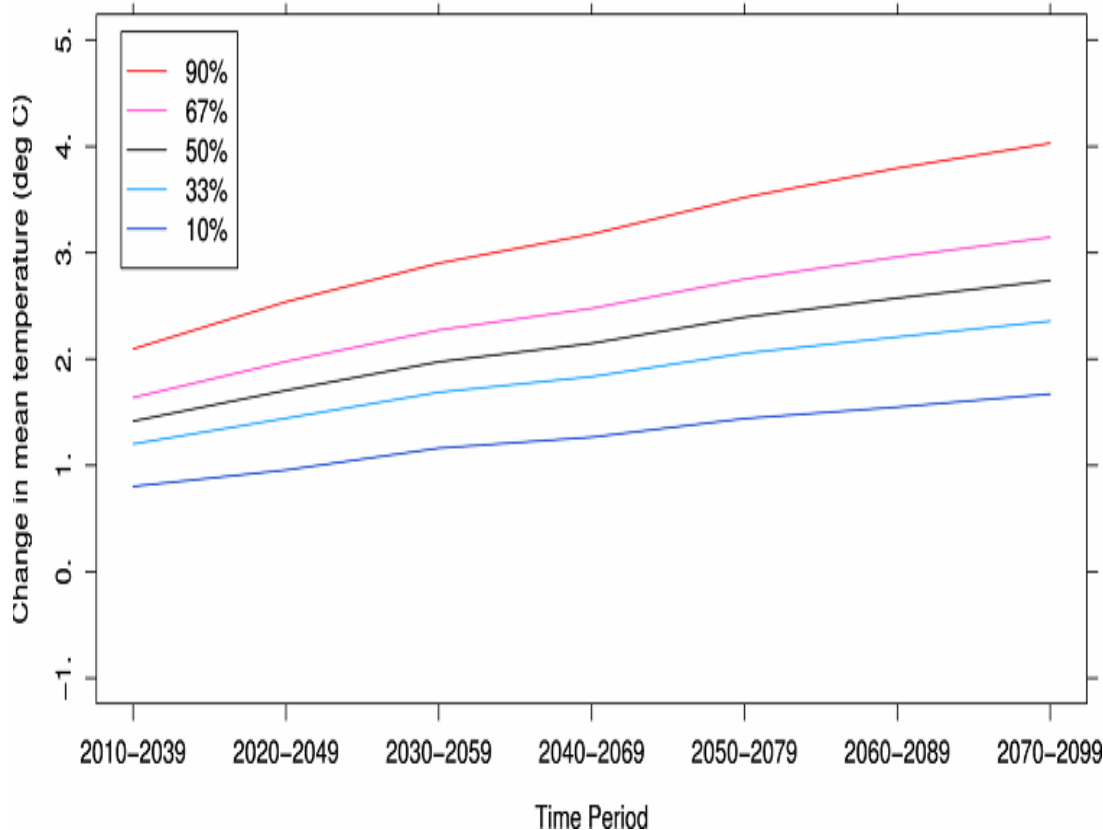
DUNWICH



CLIMATE CHANGE



Temperature Prediction (UKCIP) (Low Option)



Data Source: Probabilistic Land

Future Climate Change: True

Variables: temp_dmean_tmean_abs

Emissions Scenario: Low

Time Period: 2010-2039, ..., 2070-2099

Temporal Average: ANN

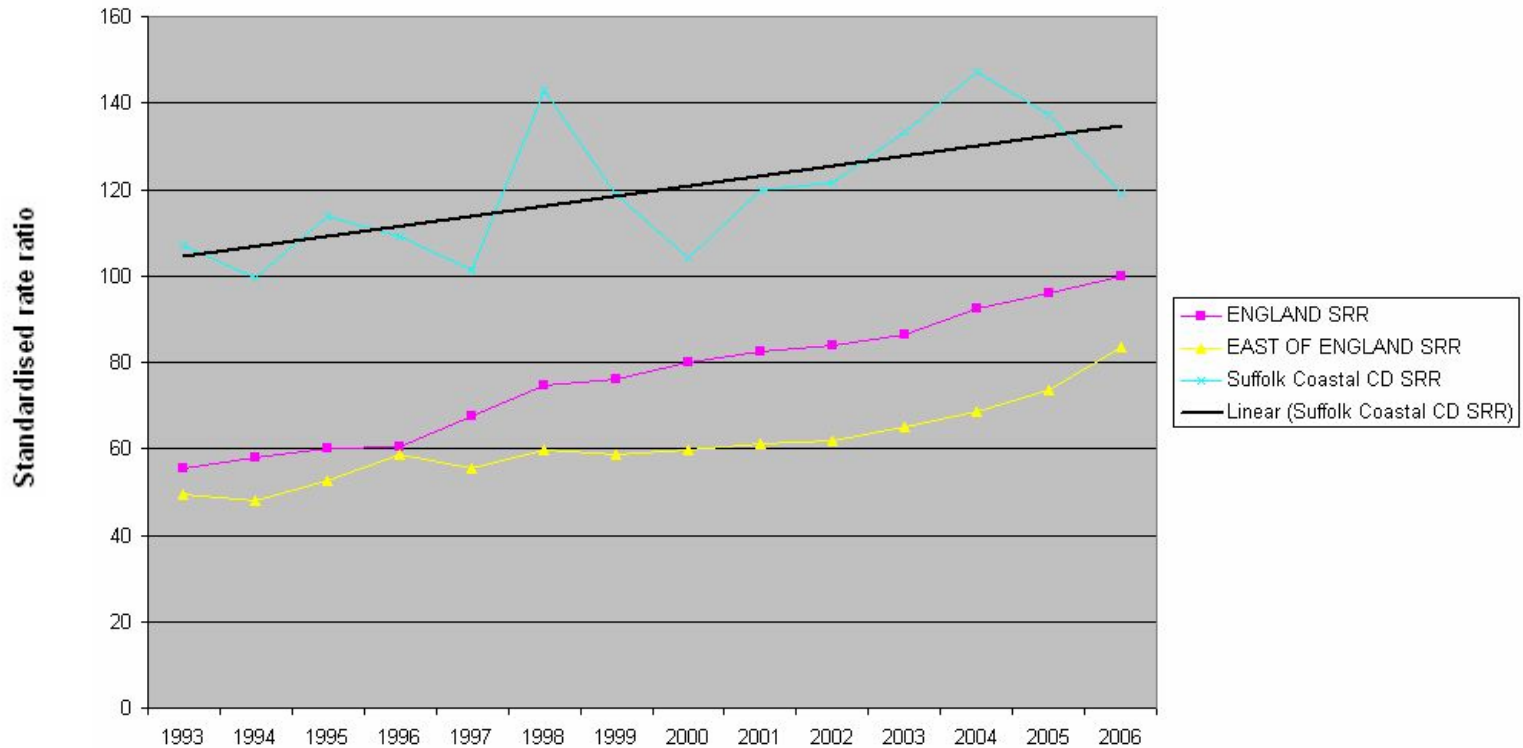
Spatial Average: Region

Location: East Of England

Probability Data Type: cdf



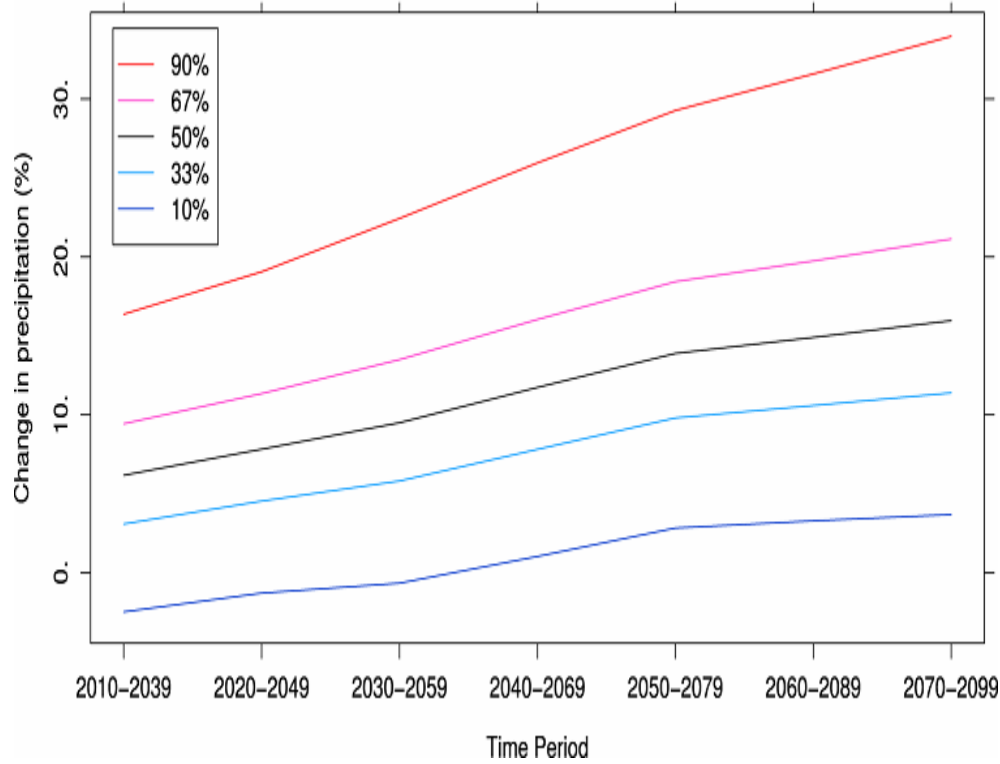
Skin Cancer Statistics



Tourism



Winter Precipitation Prediction (UKCIP) (Low Option)



Data Source: Probabilistic Land

Future Climate Change: True

Variables: precip_dmean_tmean_perc

Emissions Scenario: Low

Time Period: 2010-2039, ..., 2070-2099

Temporal Average: DJF

Spatial Average: Region

Location: East Of England

Probability Data Type: cdf



Farming in the AONB



Potential Baseline Erosion Rates: Suffolk SMP2 Sub-cell 3c

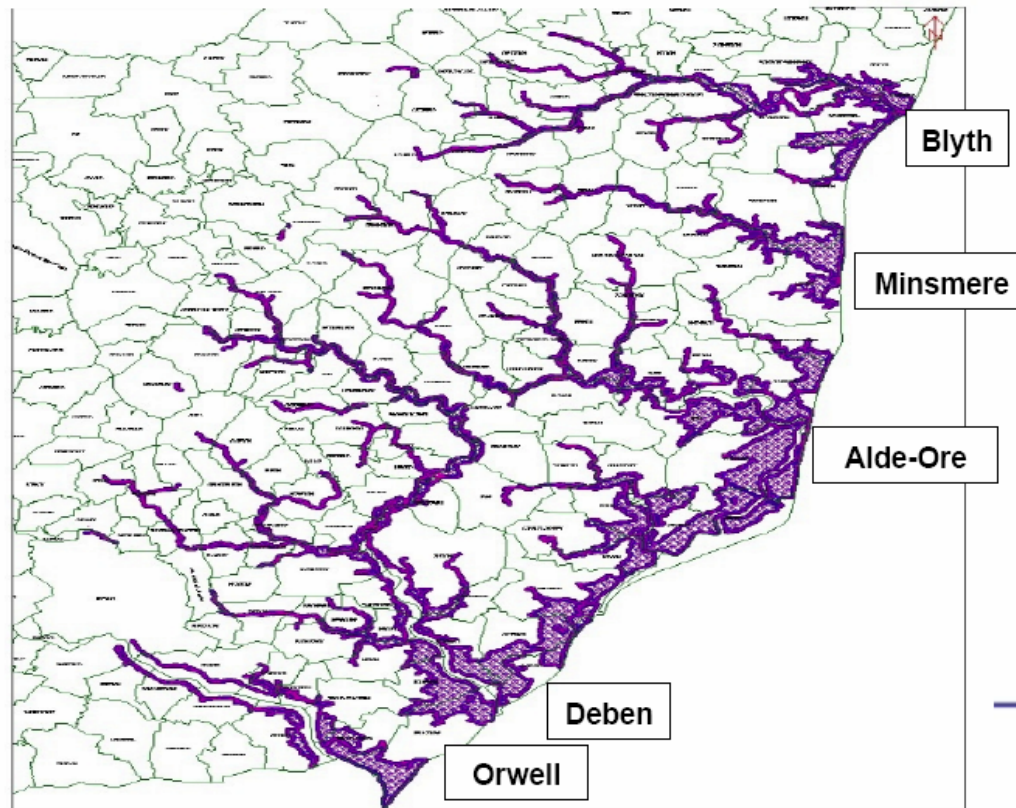
Location	Base Rate	Notes	100yr. Erosion range (m)
Thorpe Ness	0.1m/yr	Influenced by nearshore feature.	10m to 30m
Thorpeness	0.1m/yr	Influenced by exposure of the headland to the north.	10m to 30m
Thorpeness Haven	0m/yr	Still affected by sea level rise.	10m to 20m
Aldeburgh	0.2m/yr	Area generally protected by beach and control to the south.	10m to 20m
Slaughden	0.5m/yr	Held by defences or erosion through to estuary.	0m
Orford North	0.7m/yr	Protected by Benacre Ness and progression of Ness.	30m to 120m
North of Ness	0.3m/yr	Held by bank.	10m to 25m
Orford Ness	1m/yr	Dependent of occasional feed from the north.	33m to 186m

Sea Level Rise assumed rates: 0.06m to year 2025; 0.34m to year 2055; 1m to year 2105



Cumulative Impact for Flood Risk Areas

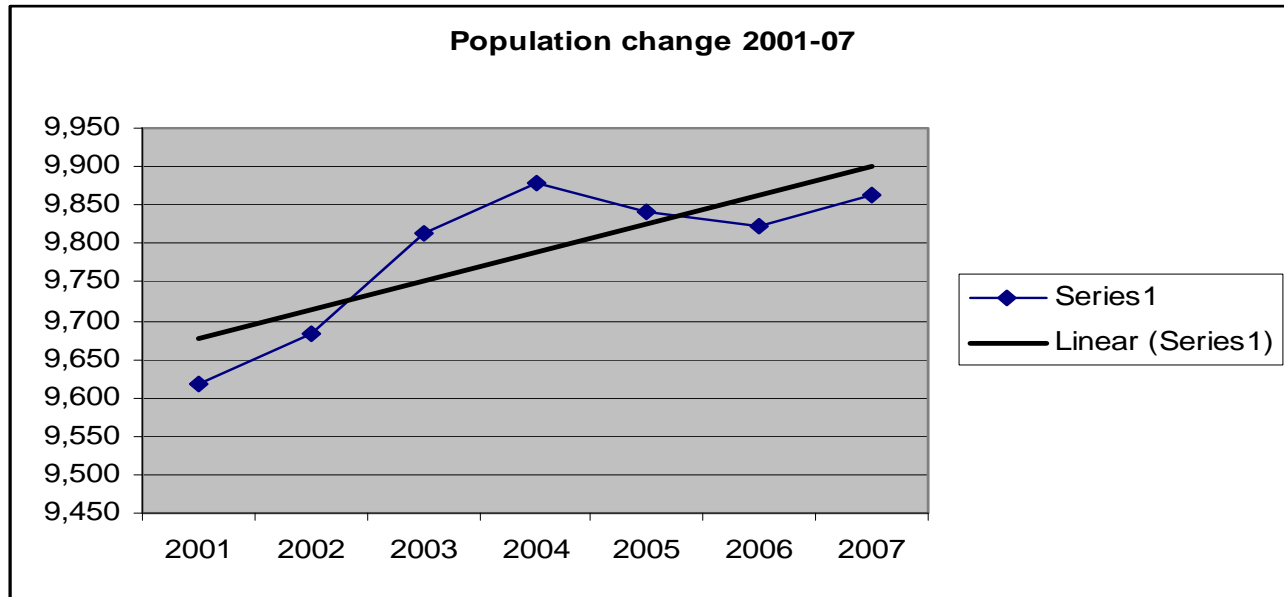
Cumulative Impact for Flood Risk Areas



SOCIAL / ECONOMIC CHALLENGES



Population Change 2001-07

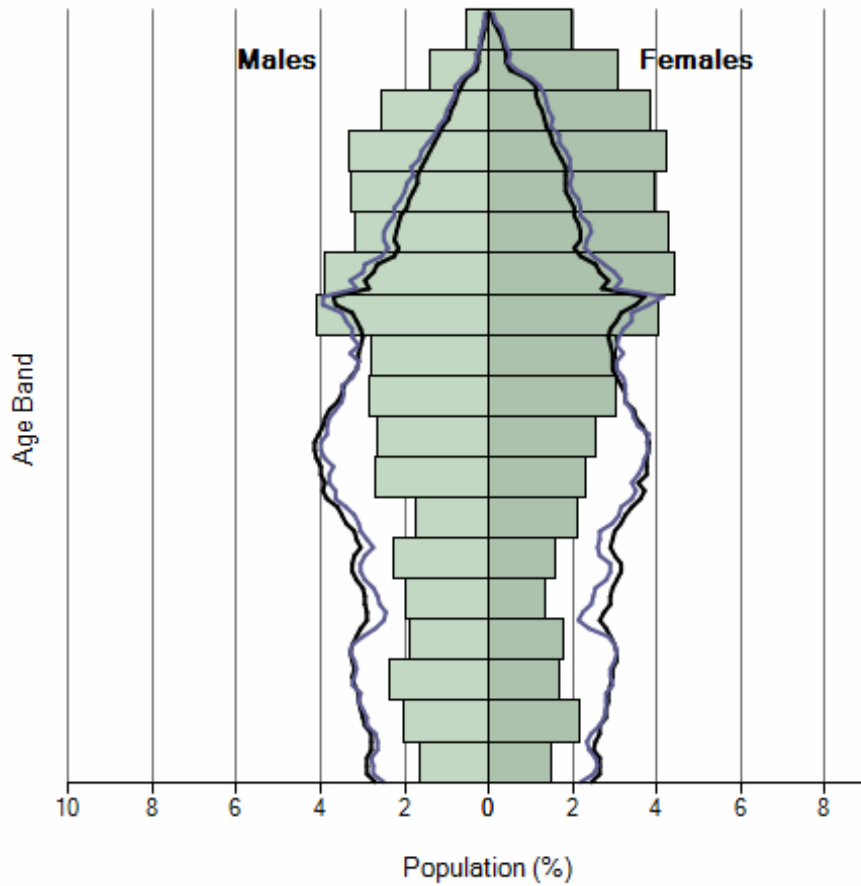


Source: Office of National Statistics

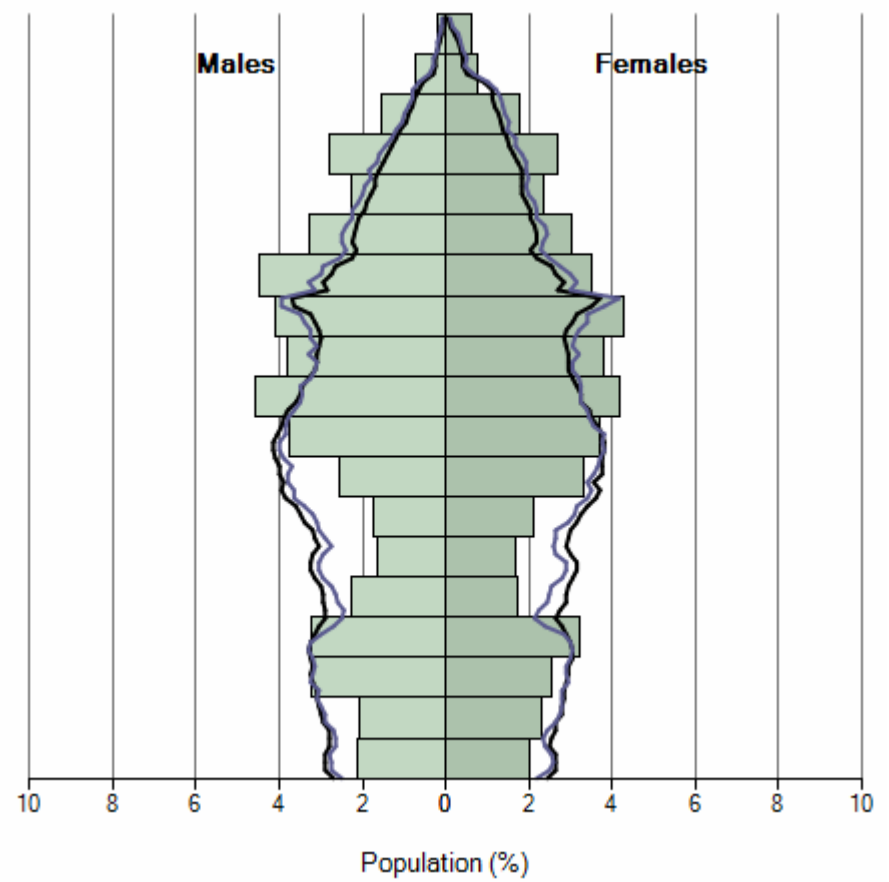
- Population change in the following Wards:
 - Aldeburgh
 - Hollesley with Eyke
 - Orford & Tunstall
 - Snape



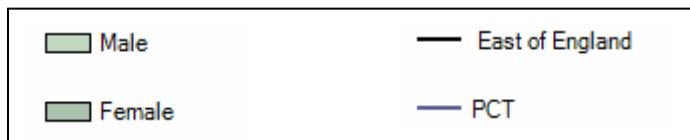
Age Structure



Aldeburgh Surgery

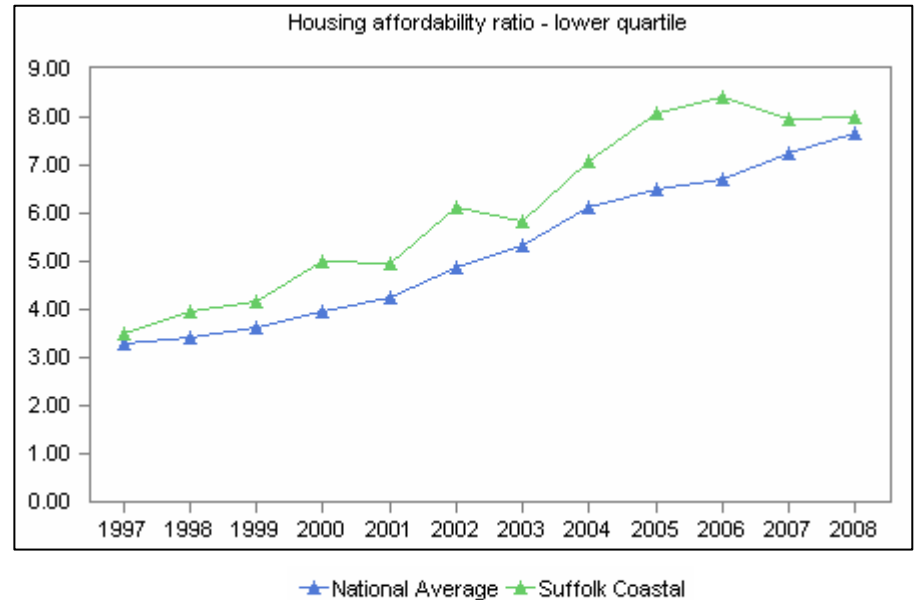


Alderton Surgery



Housing Affordability

Ward	Affordability Index 2002 (GB=100)
Aldeburgh	77.89
Hollesley with Eyke	92.36
Orford and Tunstall	83.96
Snape	92.37



Source: Local Futures

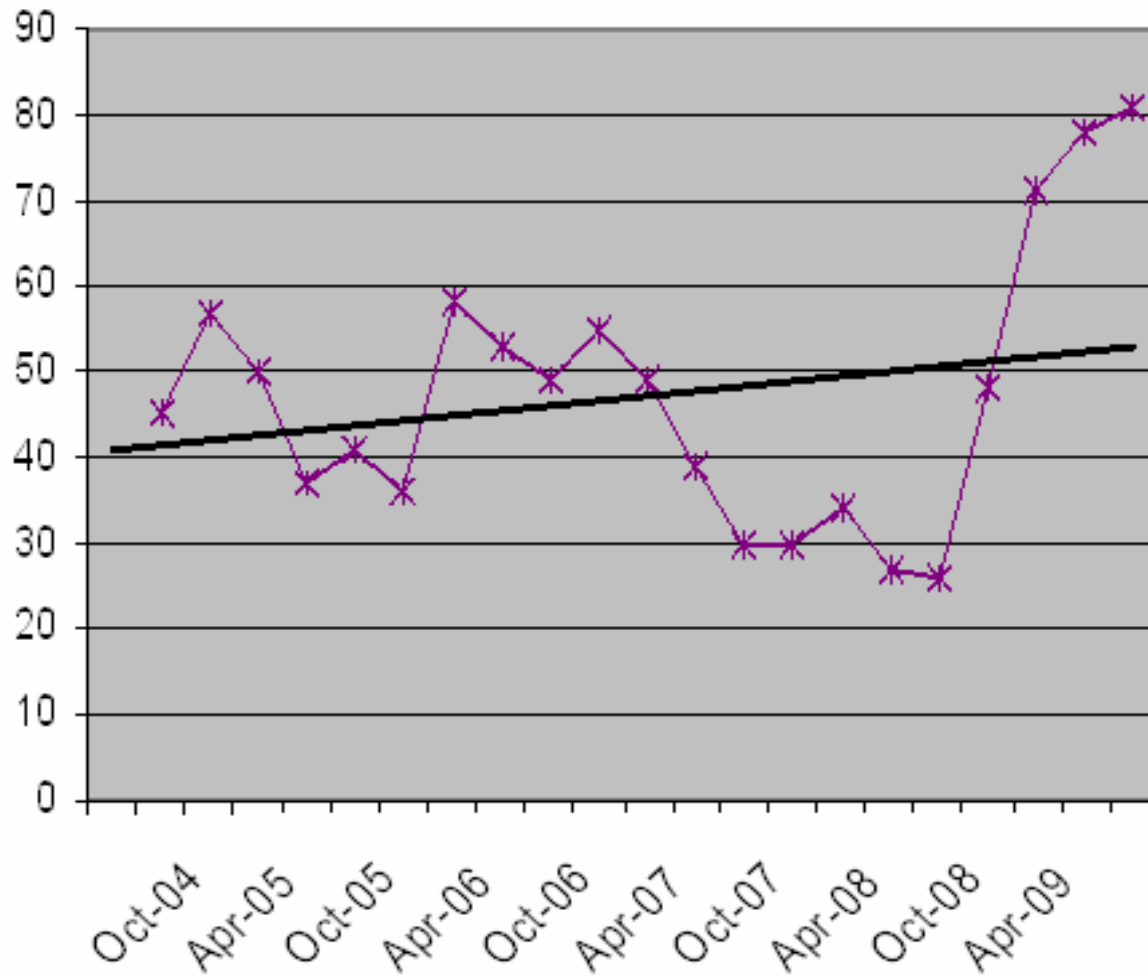
Business Growth 2005-07

Suffolk Coastal 007 Super Output Area Middle Layer	All VAT Based Local Units	Number Employing 0 to 4 Persons	Number Employing 5 to 9 Persons	Number employing 10 to 19 Persons	Number Employing 20 or More Persons
2007	365	255	50	40	20
2005	320	230	45	30	20
Percentage change	14.1	10.9	11.1	33.3	0.0

Source: Office of National Statistics



JSA Claimants and Trend



Population change in the following Wards:

- Aldeburgh
- Hollesley with Eyke
- Orford & Tunstall
- Snape

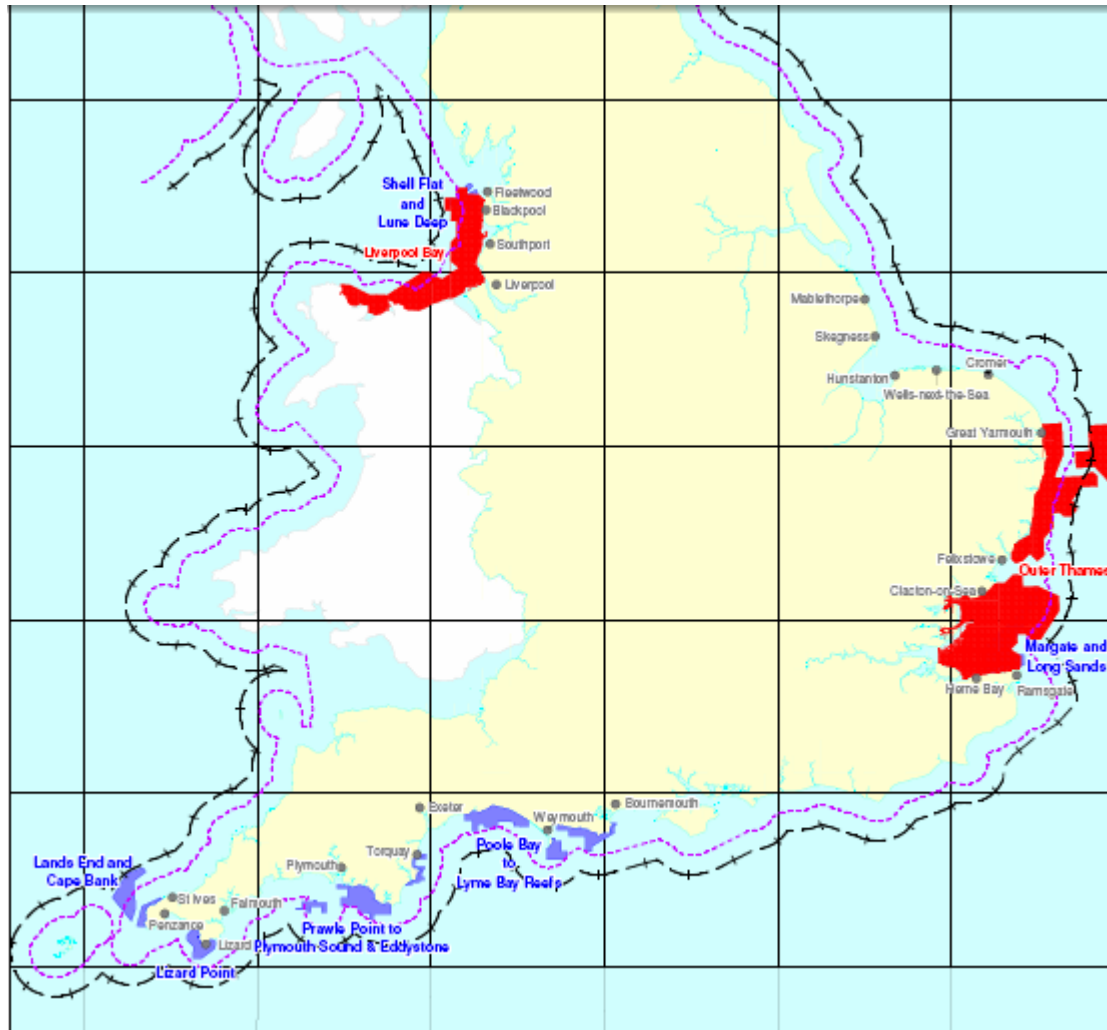
Source: Office of National Statistics



ENVIRONMENT



Marine Draft Special Areas of Conservation

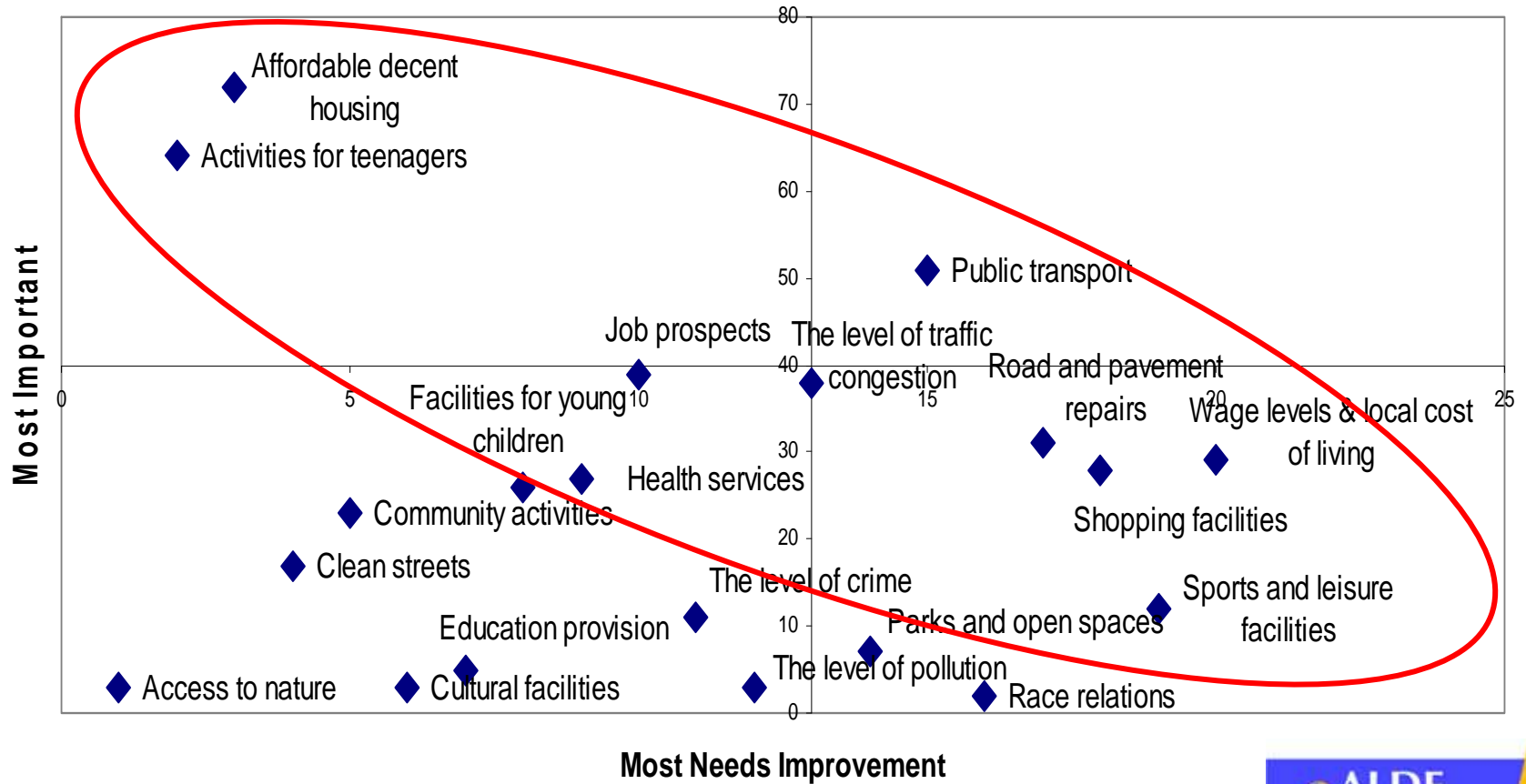


Source: Natural England

Salt Marsh at Shingle Street



Local Views



ABILITY TO MEET CHALLENGES



- State of Public sector finance
 - e.g. SCDC target 20% reduction in expenditure in 3 years
- Competing demands for scarce resources
- Benefit Cost assessments



Environment Agency Report
Investing for the Future: Flood and Coastal Risk
Management in England

- **This long term investment strategy suggests that a steady increase in investment is needed to around £1040 million a year plus inflation by 2035 for building and maintaining new and existing flood and coastal risk management assets. This figure is an increase of around 80% on 2010-2011 levels (£570 million)**



East Lane Bawdsey



COMPLEXITY

UNCERTAINTY

CHANGE



SUFFOLK COAST FUTURES

- Local Engagement / Local Solutions
- Joined-up Policy Framework (agreed strategy)
- Delivery Strategy for Medium Term
 - Public, private, community resources
- Focus on Priority Issues

