

Delivering Sustainable Growth: Meeting the Climate Change Agenda

Workshop – C

Led by PUSH and Southampton City Council

Delivering Sustainable Growth: Meeting the Climate Change Agenda

Bill Clark

Sustainability Manager –
Southampton City Council
Representing Partnership for
Urban South Hampshire



Together shaping the future of South Hampshire





Together shaping the future of South Hampshire



PARTNERSHIP FOR URBAN SOUTH HAMPSHIRE (PUSH)

- Hampshire County Council
- Portsmouth City Council, Southampton City Council
- Eastleigh, Fareham, Gosport, Havant
- East Hants, New Forest, Test Valley, Winchester



Together shaping the future of South Hampshire





KEY

- CLOUR OF SYMBOLS INDICATES COMMENCEMENT PERIOD**
- Phasing Period 2006 - 2011
 - Phasing Period 2011 - 2016
 - Phasing Period 2016 - 2021
 - Phasing Period 2021 - 2026

- Strategic Housing Sites and Clusters
 - 1 = Downs Farm
 - 2 = West of Waterloo (Havant)
 - 3 = West of Waterloo (Winchester)
 - 4 = Historic ships Car Park
 - 5 = Vesper Thorneycroft Site
 - 6 = Royal Clarence Yard
 - 7 = HMS Daedalus
 - 8 = Pompey Village
 - 9 = Trower
 - 10 = Port Solent
 - 11 = Somenstown
 - 12 = Rowner

- Urban Extensions - Area of Search
 - 13 = Test Valley Urban Extension
 - 14 = North of Whiteley Urban Extension
 - 15 = West of Waterloo Urban Extension

- Strategic Development Areas
 - A = Fareham Strategic Development Area
 - B = North/North East of Hedge End Strategic Development Area

- Strategic Employment Sites
 - C = South Hampshire Strategic Employment Zone
 - D = Hilles Gasworks
 - E = IBM Headquarters
 - F = HMS Daedalus
 - G = Frster
 - H = Dunsbury Hill Farm
 - I = Whiteley
 - J = West of Waterloo
 - K = Marling

- Proposed New/Enhanced Public Transport Corridors
- Proposed Motorway Widening
- Proposed Railway Corridor Improvements
- Proposed Park and Ride Sites
- Ports
- Southampton Airport
- Railways
- Motorways
- A-roads
- Urban Areas
- South Hampshire Strategy Area



This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. SDC 10021610 2011



PUSH Strategy - Headlines

- To provide net 59,000 jobs
- To deliver 80,000 new homes
- 2 million m² of employment space

To achieve Sustainable Communities.



Together shaping the future of South Hampshire



PUSH Approach

- PUSH strategy based on:-
- Improving the economy of South Hants and delivering more homes to support that aim
- Focus initially on City Centres and older urban areas to secure sustainable regeneration
- Ensure infrastructure investment is in place prior to build out
- Protect quality of life and ensure quality of design in the built environment



Together shaping the future of South Hampshire



Agreed Environmental Principles

- Excellent design reflecting history and culture
- Protection of quality environment and landscape
- Sensitive design of green rural / urban interface
- Stabilisation and reduction of use of materials
- Net self sufficiency in recycling and waste
- Joint waste policy and management – INTEGRA
- Joint approach to policy on climate change – mitigation and adaptation
- Common LDF policy approach to environmental standards

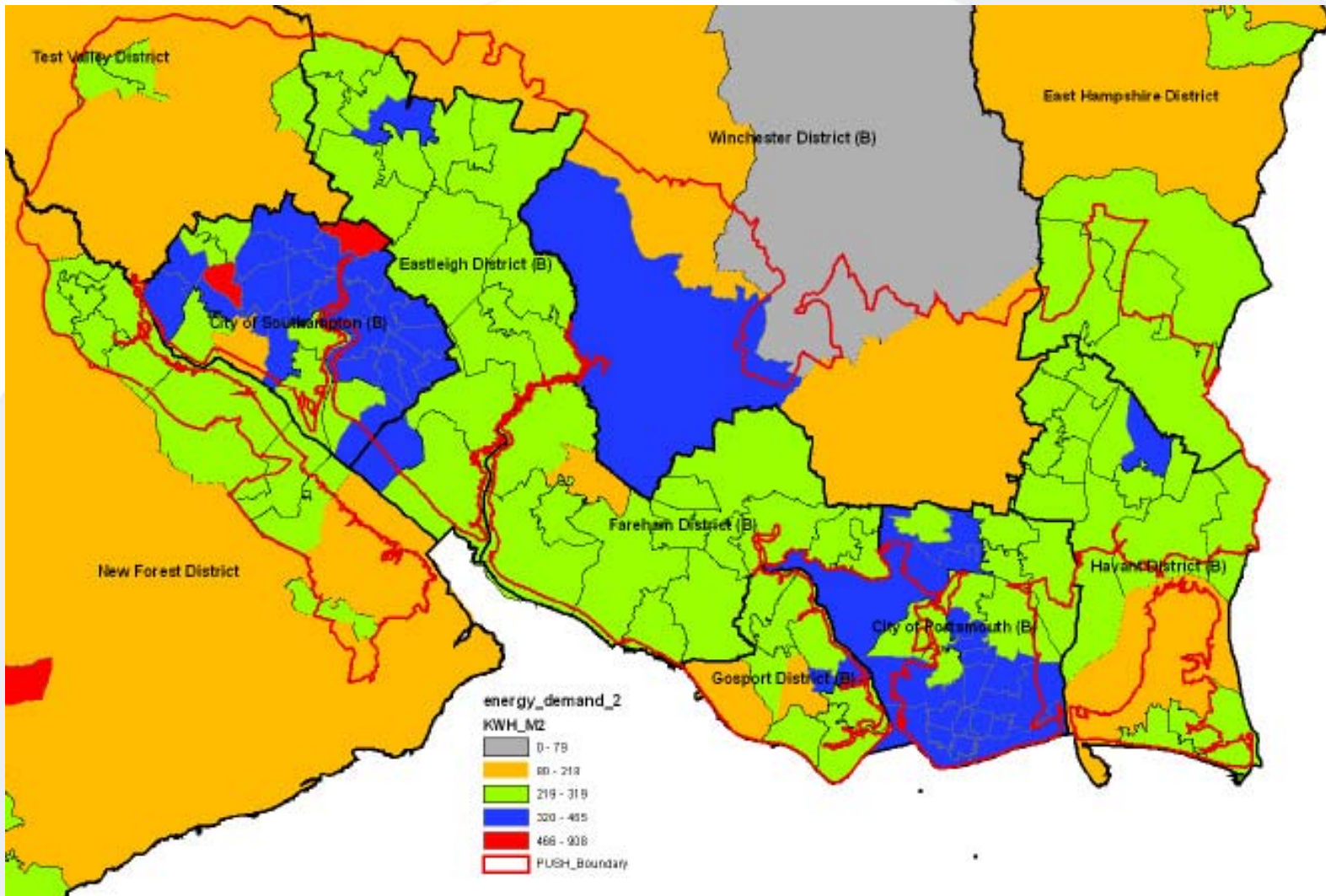
Work of PUSH Sustainability Group

- Common policy approach to sustainability
- Strategic Flood Risk Assessment
- Green Infrastructure Strategy
- Energy Strategy and Infrastructure Study
- Materials, resources and waste - Project INTEGRA
- Sustainable procurement by the Public Sector
- Integrated water management and supply



Together shaping the future of South Hampshire





Energy mapping

Taking it forward

- Use CO2 reduction targets to guide progress
- Using new development as a stimulus, but is it viable?
- Energy issues as a specific PUSH theme
- Develop sub-regional approach to energy infrastructure provision- CIL; carbon offsets
- Improve capacity building

LDF CORE STRATEGY STATEMENTS

All residential development achieves at least the following level of the Code for Sustainable Homes		All residential development achieves a minimum of the following points for specific categories within the Code
Now	Level 3	<p>1.2 for Low or Zero Energy Technologies</p> <p>1.8 for Environmental Impact of Materials</p> <p>1.0 for Surface Water run off</p> <p>5.4 for Waste</p>
from 2012	Level 4	<p>1.2 for Low or Zero Energy Technologies</p> <p>6.0 for Internal Potable Water Consumption</p> <p>2.7 for Environmental impact of Materials</p> <p>1.0 for Surface Water run off</p> <p>5.4 for Waste</p>
from 2016	Level 6	<p>17.6 for a Zero Carbon Home</p> <p>3.6 for Environmental impact of Materials</p> <p>1.5 for Surface Water run off</p> <p>5.4 for Waste</p>

Ongoing work of PUSH Sustainability Group

- Prepare a Climate Change Strategy for PUSH
- Plan social infrastructure for genuinely sustainable communities
- Joint advice - Supplementary Planning Document on Sustainability Policy
- Programme of learning on sustainability issues to “upskill” local authority officers
- Waste and Material Resources Strategy
- Implementation of Energy Strategy including potential for an ESCo



Together shaping the future of South Hampshire



Ongoing work of PUSH Sustainability Group

- Implementation of Green Infrastructure Strategy
- Testing of spatial distribution against flood risk
- Embedding sustainability in new development especially major schemes (Code for Sustainable Homes and BREEAM)
- Develop a pilot carbon neutral housing scheme (CSH level 6) West of Waterlooville MDA
- Water supply and disposal – more effective management



Together shaping the future of South Hampshire



Ongoing work of PUSH Sustainability Group

- Water and energy efficiency programmes in existing housing stock
- Master planning of development so it is less car-reliant
- Work with SEEDA and others to develop renewable energy initiatives and exploit local economic development potential
- Explore potential of Combined Heat and Power within major development projects



Together shaping the future of South Hampshire



Progress

- Diamonds subscribe to accelerated achievement of low carbon objectives
- Sustainability framework already in 2 approved Core Strategies.
- Engagement with SME's through EU funded SISCO project
- SCC's Energy Partnership using experience of private and public sector to develop mentoring for SME's etc.
- SEEDA's 'No Nonsense' web guide Carbon footprint reduction support tool.



Together shaping the future of South Hampshire



Challenges

- National CO2 emissions targets
- Growth demand:- meeting economic development aspirations in a sustainable way.
- Lack of infrastructure – link material resource recovery with local energy solutions
- Building on best practice

Questions

- What sort of tools would you need to take this 'low carbon' action process forward?
- How can case study/practical experience be shared by the Diamonds authorities?
- How can the good practice from business partners best be shared with SME's and other sectors?



Together shaping the future of South Hampshire

