

Third Stakeholder Meeting Minerals Core Strategy Update

7 June 2007

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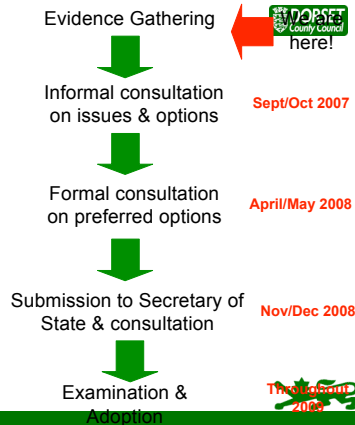


Third Stakeholder Meeting Meeting the Need for Construction Aggregates.

7th June 2007



Minerals Core Strategy Document Preparation



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Aggregates: Some key facts.....

- Most commonly used construction mineral in UK.
- Made up of particles of rock which, when bound or unbound, form part or the whole of an engineering or building structure.
- In England aggregates comprise:
 - land won sand and gravel
 - crushed rock
 - marine dredged sand and gravel
 - recycled/secondary material
- They are essential for the sustainable development of a modern economy and the physical framework of our society.

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- Think about it.....our houses, our roads, our schools, our hospitals, our places of work, our supermarkets/market places, our airports, stations, ports, our factories.... and of course our local administration offices! (etc, etc...)
- Although it is important to maximise the use of alternatives to primary won material there is not sufficient volume of alternatives to meet demand – thus it is essential to maintain a planned and sustainable supply of primary aggregates.

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Planning for Aggregates

- Minerals Policy Statement 1: Planning and Minerals (Annex 1: Aggregates) (Nov 2006) – Sets out Government policy on the provision of aggregates in England.
- Ancillary Policy Objectives:
 1. Encourage, where practicable, alternatives to primary aggregates.
 2. Encourage the supply of sustainable marine-dredged sand and gravel.
 3. To make provision for the remainder of supply to be met from land-won aggregate sources.
- National and Regional Guidelines for Aggregates Provision in England – Address demand and supply imbalances.
- RPBs/MPAs - Need to maintain a mixture of sites that contribute to meeting demands.

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Bournemouth, Dorset and Poole Minerals Core Strategy



Sales of Primary Aggregates (AM2005).

- **England:** S+G and CR: **56.7 Mtpa** and **83.5 Mtpa** (CLG AM2005)
Recycled: **c.46 Mtpa (32%)** (CLG 2005)
Marine: **c.13 Mtpa** (CLG AM2005)
- **SW :** S+G and CR: **4.6 Mtpa** and **22.2 Mtpa** (CLG AM2005)
Recycled: **c.5.1 Mtpa (19%)** (2003 - SVERDA 2007)
Marine: **0.66 Mtpa** (CLG AM2005)
- **Dorset:** S+G and CR: **1.7 Mtpa** and **0.2 Mtpa** (AM2005 - Provisional)
Recycled: **c.0.36 Mtpa (19%) ???**
Marine: **Confidential**

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Aggregate: How Much Is Being Planned For?

DCLG: National and Regional Guidelines for Aggregates Provision in England, 2001 – 2016. (2003)

- **England:** S+G and CR: **1068 (66.75) Mt** and **1618 (101) Mt**
Recycled: **c.919 (57.43) Mt (34%)**
Marine: **230 (14.4 pa) Mt**
- **SW:** S+G and CR: **106 (6.63) Mt** and **453 (28.3) Mt**
Recycled: **c.121 (7.56) Mt (22%)**
Marine: **c.9 (0.56) Mt**
- **Dorset:** S+G and CR: **36.35 (2.27) Mt** and **CR 7.7 (0.48) Mtpa**
Recycled: **c. 9.7 (0.6) Mt (22%) ????**
Marine: **No provision made.**

8 NB: Figures in brackets show annualised amounts.

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Dorset: The Landbank - How Much Consented Aggregate Do We Have?

Aggregate Type	Based upon: 2005 Apportionment	Based upon: 2005 Sales
Crushed Rock	27.9 Years (13.41Mt/0.48 Mtpa)	67.04 Years (13.41 Mt/0.2 Mtpa)
Sand and Gravel	9.72 Years (22.07 Mt/2.27 Mtpa)	13.14 Years (22.07 Mt/1.68 Mtpa)

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Dorset: How Much Aggregate Will We Need To Plan For ?

Plan Period	Surplus/Shortfall	
	<i>Apportionment</i>	<i>2005 Sales (Provisional)</i>
2020 (Adoption +10)	CR +6.21 Mt (+13 yrs)	CR +10.41 Mt (+52yrs)
2026 (RSS)	CR +3.33 Mt (+7 yrs)	CR +9.21 Mt (+46 yrs)
2020 (Adoption +10)	SG -12 Mt (-6 yrs)	SG -3.13Mt (-2 yrs)
2026 (RSS)	SG -25.6 Mt (-12 yrs)	SG -13.21 (-8 yrs)

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CURRENT CRUSHED ROCK SOURCES (c.2 Mtpa)

- **PORTLAND** - Coombefield (Stone Firms)
- Admiralty (G. Crook and Sons)
 - **PURBECK** - Swanworth (Tarmac)
- Also,
- **(HAMWORTHY RAILHEAD** - Foster Yeoman (Aggregate Industries))
 - **(IMPORTS BY ROAD** – Mendips, Devon, ???)

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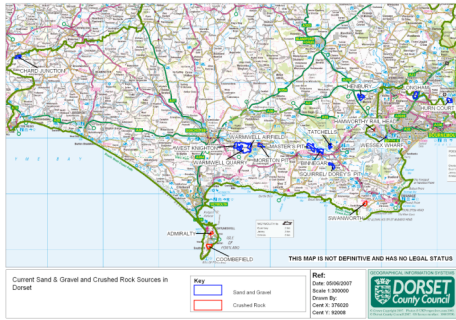
CURRENT SAND and GRAVEL SOURCES (c.1.7 Mtpa)

- **Chard** (Aggregate Industries)
- **Puddletown Road Area:** Masters (Hanson), Binnegar (Raymond Brown)
- **Warmwell/West Knighton:** (Aggregate Industries) (Hanson), Moreton (G. Crook and Sons)
- **Lower Avon Valley:** Hurn Court Farm (New Milton S+B), Longham (Cemex)
- **Tatchells:** (Aggregate Industries)
- **Henbury:** (M.B. Wilkes)
- **Doreys Pit:** (Holme Estate)
- **Poole Wharf** (Cemex)

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Current Sand & Gravel and Crushed Rock Sources in Dorset



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Potential Options To Meet the Sand and Gravel Shortfall? (e.g. c.25Mt: 2014 to 2026).

- Alternatives – Recycled and Secondary
- Crushed Rock Imports
- Sand and Gravel Imports – Hampshire, etc.
- Land Won S+G v. Marine Won S+G
- Plateau Gravels v. River Valleys
- Extensions v. Green Field Sites

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Over to you.

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