

Ealing
TRANSITION



Renewable Energy Mini-Conference

Conference Outline

- **Welcome & Introduction:** Steve Paynter (Vicar of St Mary's and Ealing Transition)
- **The Transition Concept:** Grant Venner (Ealing Transition)
- **The Environmental Challenge and the Diocesan Response:** Brian Cuthbertson (Head of Environmental Challenge, Diocese of London)

- **Technical Feasibility, Feed-in Tariffs, Outline Costs & Payback Scenarios:** Howard Johns (MD Southern Solar) and team
- **Case Study / Planning:** Martyn Hawkes (St John's, Finsbury Park)

- **External Funding Streams:** Calum Murdoch (External Funding Officer, Ealing Council)
- **Church Funding:** Brian Cuthbertson
- **The Energy Co-operative Route – OVESCO:** Howard Johns (MD Southern Solar) and team

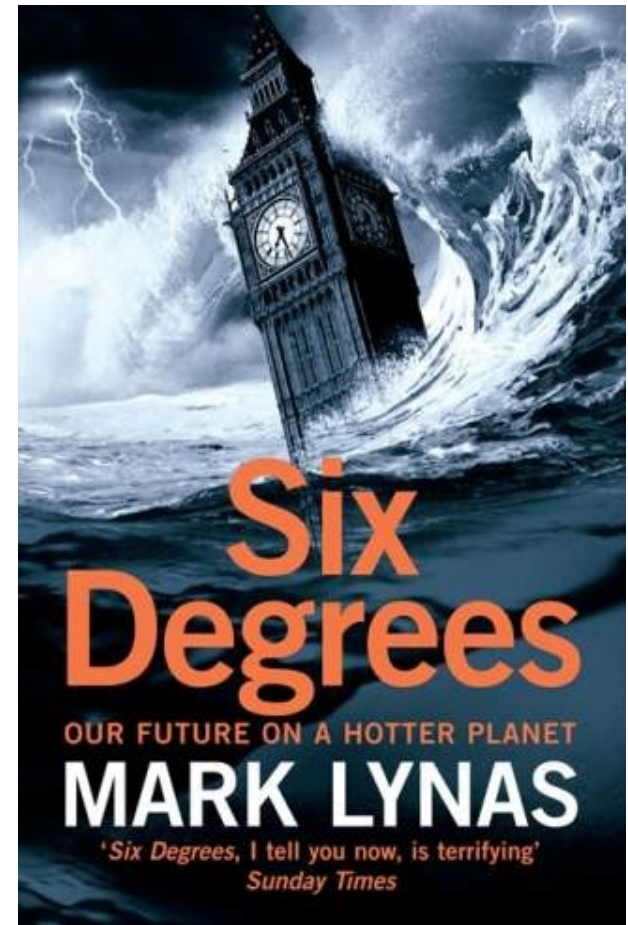
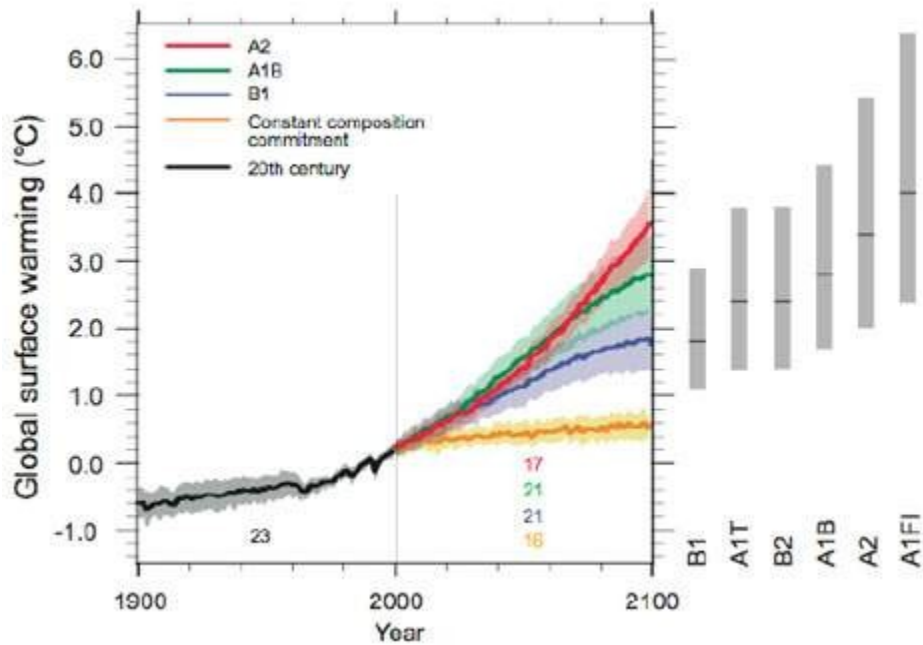


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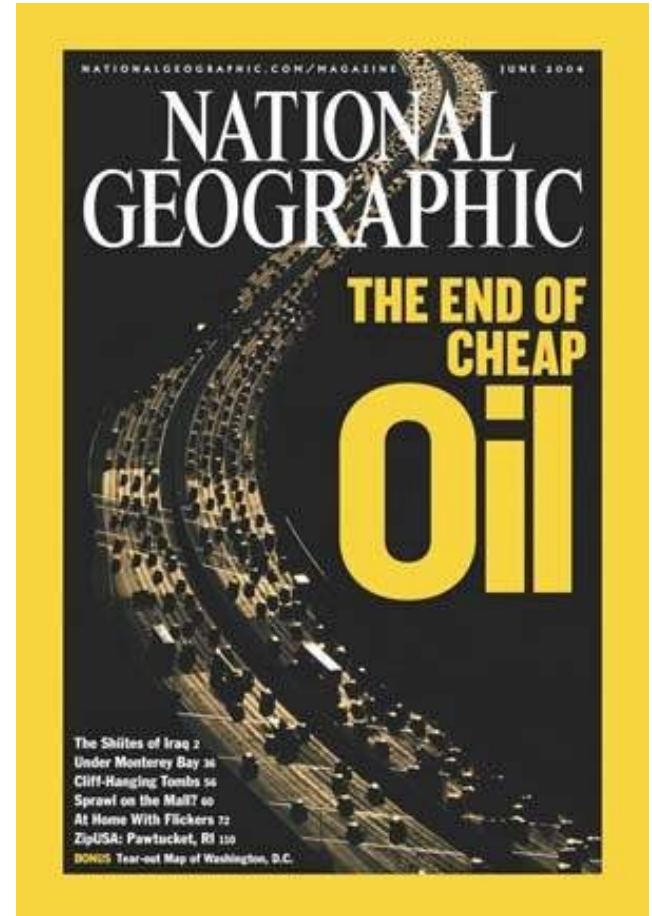
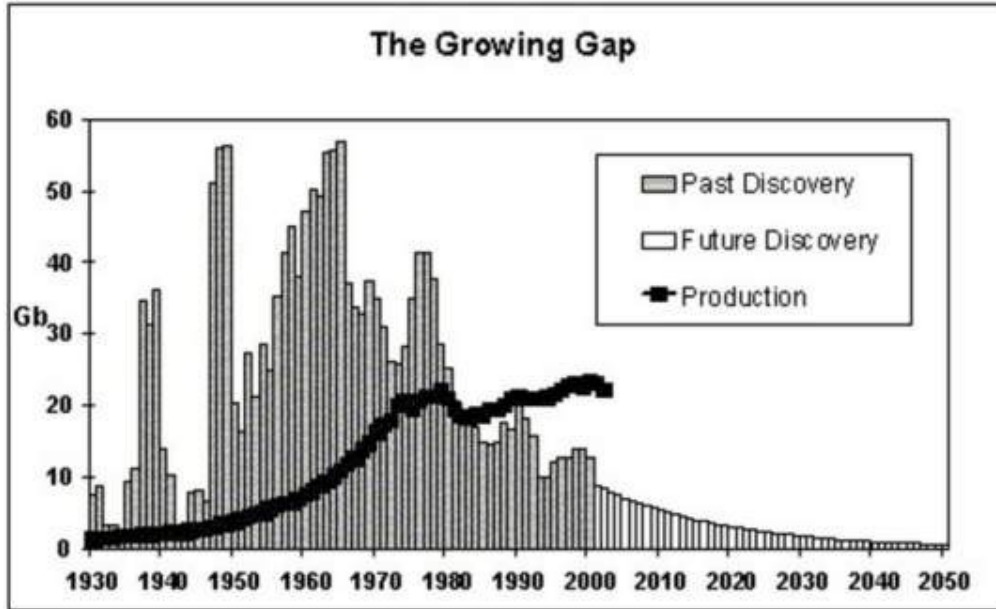
Climate
change

—
Peak
Oil

Climate Change



Peak Oil



Oil crunch in 'next five years', warns Branson

Virgin founder spearheads businesses' call for action

Report says peak oil bigger threat than banking crisis

Terry Macalister

Sir Richard Branson and fellow leading businessmen will warn ministers this week that the world is running out of oil and faces an oil crunch within five years.

The founder of the Virgin group, whose rail, airline and travel companies are sensitive to energy prices, will say that the coming crisis could be even more serious than the credit crunch.

"The next five years will see us face another crunch - the oil crunch. This time, we do have the chance to prepare. The challenge is to use that time well," Branson will say.

"Our message to government and businesses is clear: act," he says in a foreword to a new report on the crisis. "Don't let the oil crunch catch us out in the way that the credit crunch did."

Other British executives who will support the warning include Ian Marchant, chief executive of Scottish and Southern Energy group, and Brian Souter, chief executive of transport operator Stagecoach.

Their call for urgent government action comes amid a wider debate on the issue and follows allegations by insiders at the International Energy Agency that the organisation had deliberately underplayed the threat of so-called "peak oil" to avoid panic on the stock markets.

Ministers have until now refused to take predictions of oil droughts seriously, preferring to side with oil companies such as BP and ExxonMobil and crude producers such as the Saudis, who insist there is nothing to worry about.

But there are signs this is about to change, according to Jeremy Leggett, founder of the Solarcentury renewable power company and a member of a peak oil taskforce within the business community. "I've been in regular contact with



Desmarest, chief executive of the Total oil company in France, also broke ranks. The world could struggle to produce more than 95m barrels of oil a day in future, he said - 10% above present levels. "The problem of peak oil remains."

Chris Skrebowski, an independent oil

stocks and the large spare capacity held by Opec. However, once these are removed, possibly as early as 2012-13 and no later than 2014-15, oil prices are likely to spike, imperilling economic growth and causing economic dislocation."

Skrebowski believes that Britain is par-

of floating exchange rates is also likely to put downward pressure on the valuation of sterling. In other words, the positive benefits to the valuation of the pound as a petrocurrency are now eroding," he said.

The question of peak oil came to centre stage last November when a whistleblower

reduce this gradually to 116m and then 105m last year," said the IEA source. "The 120m figure always was nonsense but even today's number is much higher than can be justified and the IEA knows this."

But Saudi Arabia launched a counter-strike at Davos, insisting the issue was

“Our message to government and to businesses is clear: act. Don't let the oil crunch catch us out in the way that the credit crunch did”

Photograph: Peter Schneider/Keystone

US military joins peak oil doom-mongers to warn of world energy crisis by 2015

Terry Macalister

The US military has warned that surplus oil production capacity could disappear within two years and there could be serious shortages by 2015 with a significant economic and political impact.

The energy crisis outlined in a Joint Operating Environment report from the US Joint Forces Command, comes as the price of petrol in Britain reaches record levels and the cost of crude is predicted to soon top \$100 a barrel.

"By 2012, surplus oil production capacity could entirely disappear, and as early as 2015, the shortfall in output could reach nearly 10 million barrels per day," says the report, which has a foreword by a senior commander, General James N Mattis.

It adds: "While it is difficult to predict precisely what economic, political, and strategic effects such a shortfall might produce, it surely would reduce the prospects for growth in both the developing and developed worlds. Such an economic slowdown would exacerbate other unresolved tensions, push fragile and failing states further down the path toward collapse, and perhaps have serious economic impact on both China and India."

The warning is the latest in a series from around the world that has turned peak oil - the moment when demand exceeds supply - from a distant threat to a more immediate risk.

The Wicks Review on UK energy policy published last summer effectively dismissed fears but Lord Hunt, the British energy minister, met concerned industrialists two weeks ago in a sign that it is rapidly changing its mind on the seriousness of the issue.



Humvee user the US army is believed to be the world's biggest petrol consumer

The Paris-based International Energy Agency remains confident that there is no short-term risk of oil shortages but privately some senior officials have admitted there is considerable disagreement internally about this upbeat stance.

Future fuel supplies are of acute importance to the US army because it is believed to be the biggest single user of petrol in the world. BP chief executive, Tony Hayward said recently that there was little chance of crude from the carbon-heavy Canadian tar sands being banned in America because the US military like to have local supplies rather than rely on the politically unstable Middle East.

But there are signs that the US Department of Energy might also be changing its stance on peak oil. In a recent interview with French newspaper, *Le Monde*, Glen Sweetnam, main oil adviser to the Obama administration, admitted that "a chance exists that we may experience a decline of world liquid fuels production between 2011 and 2015 if the investment was not forthcoming.

Lionel Badal, a post-graduate student at Kings College, London, who has been researching peak oil theories, said the review by the American military moved the debate on.

Principles

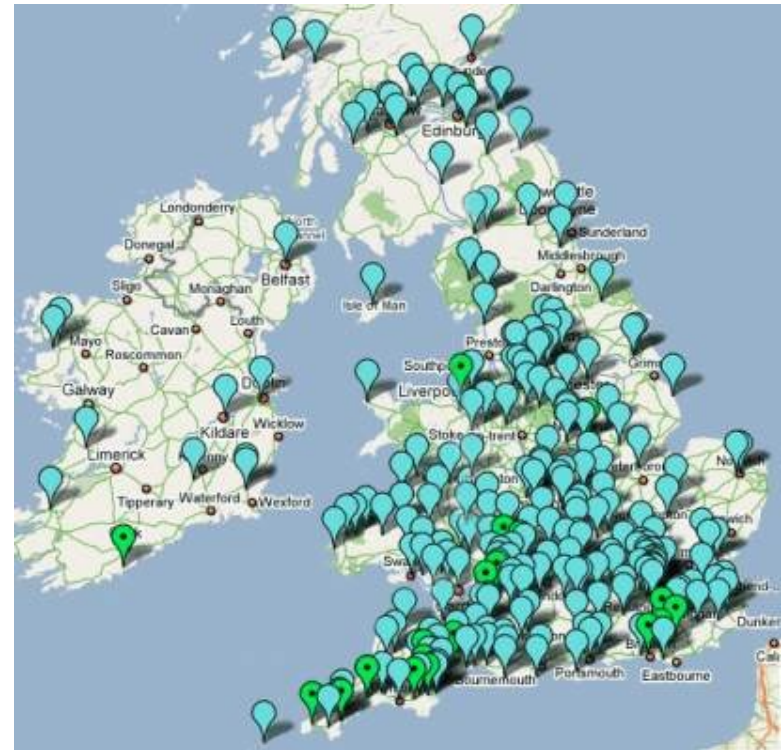
Life with less energy is inevitable and it is better to plan for it than be taken by surprise

We have lost the resilience to be able to cope with external shocks

We have to act for ourselves and we have to act now

By unleashing the collective genius of the community we can design ways of living that are more enriching, satisfying and connected than the present.

- There are now over 250 recognised Transition towns and hundreds more in development



- In just under 2 years Ealing Transition has attracted 700+ members

'Resilience'

- Re-skilling
- Growing / re-localisation of the food supply
- Producing our own energy / energy conservation
- Minimising / using our waste
- Less energy-intensive travel
- Re-localising the economy

Food Day



Food Groups



Community Garden



Help for first-time growers



Food policy



Waste – community
composting / energy from
waste



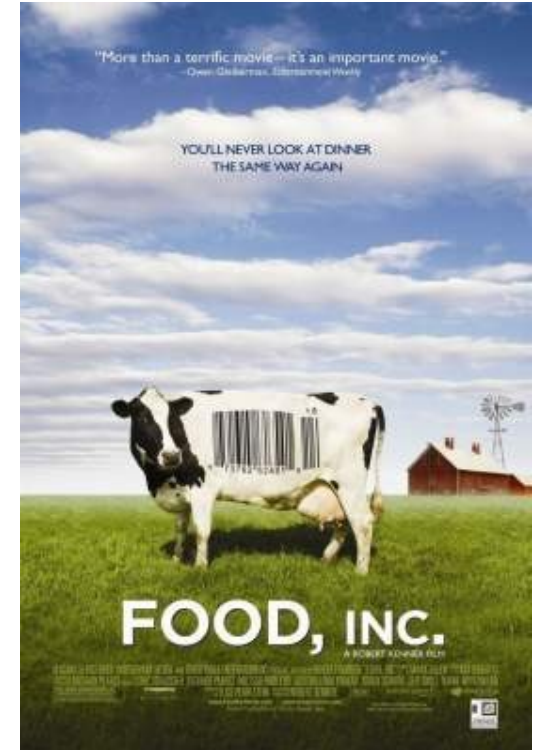
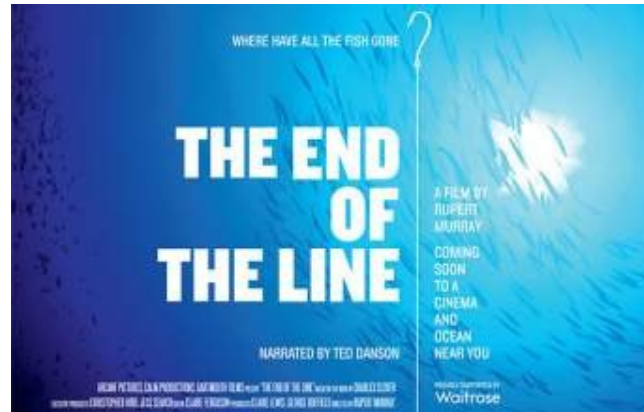
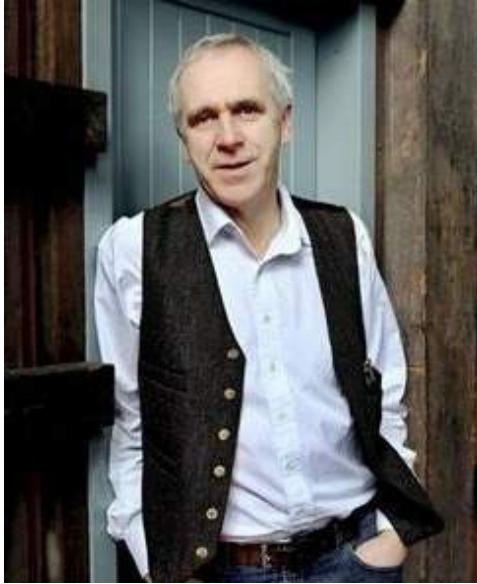
Food distribution



Local food directory



Films and Talks



Friends of the Earth

Looking Forward

- November 14th 2010 – Urban Planning Evening
 - Film Showing: Urban Solutions from Curitiba (one of the most livable, sustainable cities in the world)
 - Talk by Tony Palmer: An Alternative Vision for Ealing
- Winter 2010 – planting a community orchard

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www.ealingtransition.org