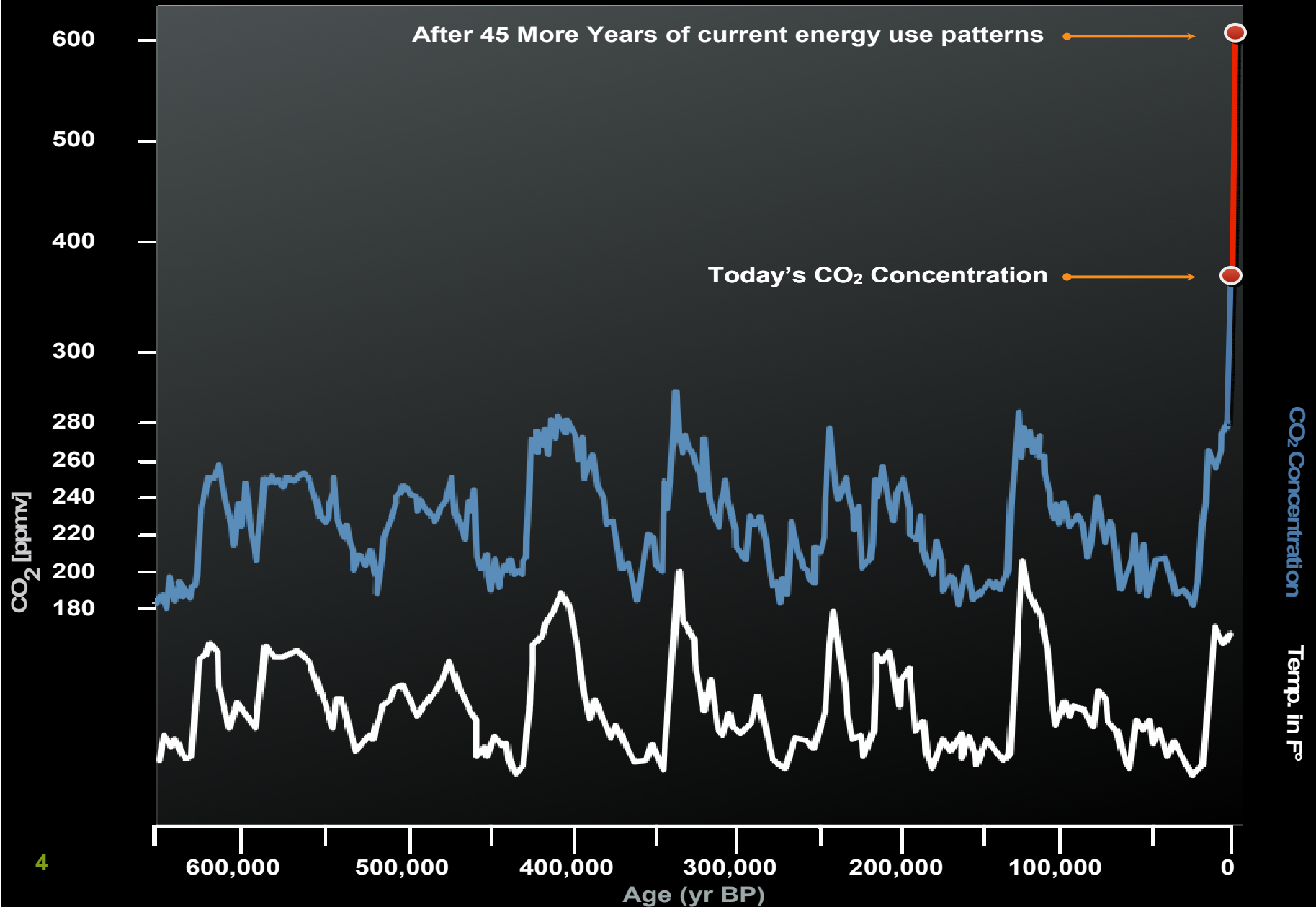




Ian Marchant
All Energy May 2008





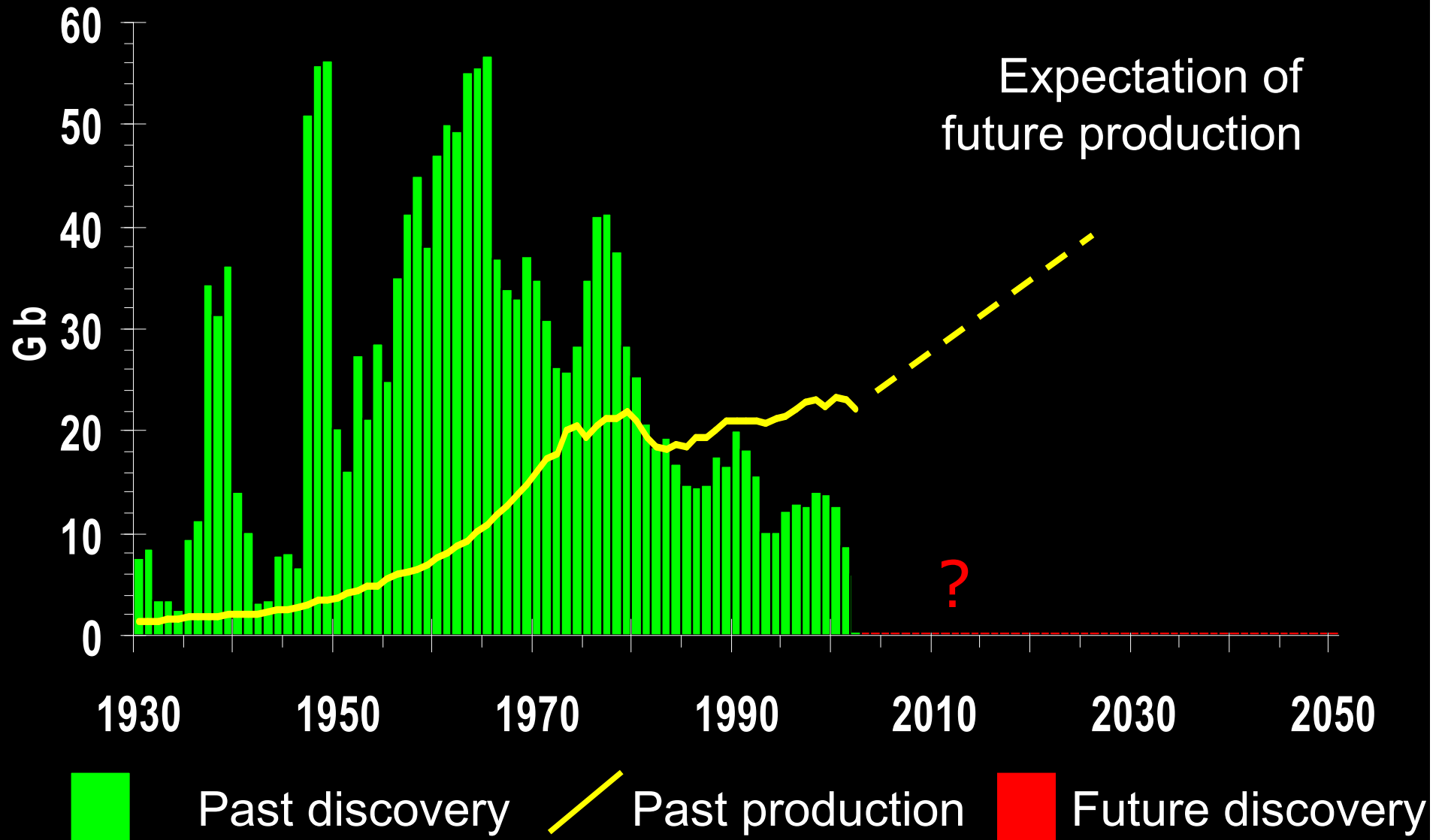


My name is sam, and I'm a gasoholic High res available at cost from The Cartoonist Group



World

2006



THE SCOTSMAN



STARS AND FREAKS COME OUT TO PARTY

ALICE WYLLIE AT THE LIFE BALL IN VIENNA LIFE & ARTS, PAGES 14-25

You're running out of oil - Bush

President warns Middle East leaders they must reform
as world begins to wear itself all black gold



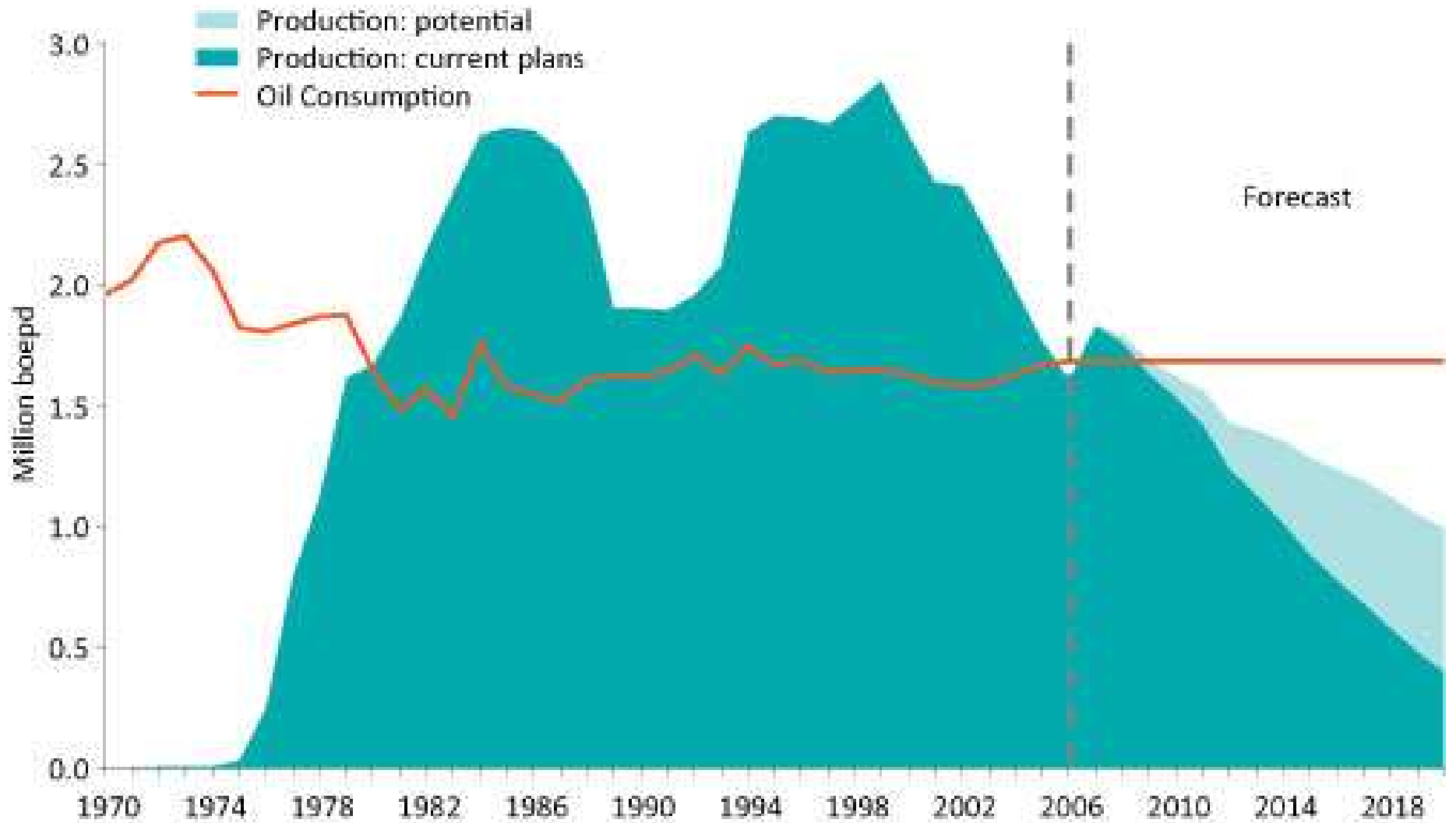
Business 22
**Brown fails to keep
Lemon at the Bank**
Richard Lemon, former governor
of the Bank of England, has been
dropped from the shortlist of
candidates to succeed Sir Mervyn
King as governor of the Bank of
England. Page 21

Life & Arts 23
**WINDMILLS FOR
SCOTLAND**
"I have been
looking for a
way to bring
renewable energy
to the heart of
Scotland."
Page 23



Columns 24
**Manchester mob
could have killed**
"Manchester mobsters should
be made to pay for the
deaths and injuries caused by
their uncontrolled aggression."
Kevin Whelan. Page 24

Sport 25
THE LAST



Source: DTI / Oil & Gas UK

What should 2020 look like?

- Carbon intensity changed out of all recognition
- >15% of all UK energy from renewable sources
- North Sea oil and gas managed as a precious and long-term resource, not a current political squabble
- World's addiction to oil and gas being cured
- All households and businesses avoid wasting any energy

What might 2020 look like (on current trends)?

- UK at 5-7% of total energy from renewables
- CO2 targets for 2050 will look impossible
- UK remains 25th out of 27 in Europe
- CCS working – somewhere else
- Portugal's lead in marine energy - unassailable
- Some of today's windfarms still in planning
- Still consulting on smart metering
- Beaulieu Denny sets world record for delays in consenting infrastructure.
- Oil and gas by far the biggest source of global political tension and conflict

20 things to do by 2020

1. Maximise use of domestic energy resources
2. Wiser use of fossil fuels
3. Maximise good quality on-shore wind
4. Exploit off-shore wind
5. Use sustainable biomass
6. Decarbonise heat
7. Decarbonise transport
8. Energy storage at utility scale
9. Maximise hydro
10. CCS working at scale

11. New-build fossil and nuclear plant
12. Significantly reduced energy in built environment
13. Significantly improved transport efficiency
14. All consumers engaged in energy use and waste
15. Smart meter in every home
16. Ensure we can move the energy we need around
17. Marine energy at scale
18. Maximum energy from waste
19. Microgeneration for heat and electricity
20. Add to this list through new technology

“All of us - government, business, civil society and individuals - have a part to play in this momentous task”

“Moral leadership must always matter...our obligations to our fellow man transcend party politics.”

“Working apart we will surely fail, but working together I have no doubt that this is a challenge to which all our powers of ingenuity and enterprise will rise.”

“Climate change is one of those rarities - an issue which doesn't just invite cross-party cooperation but which demands it.”

Political co-operation needed



8 things to do in 2008

1. Get long term investment climate right
2. Commit to smart metering regardless of roll out model
3. Enforce planning reforms throughout the public sector
4. Get networks moving
5. Deliver heat and transport incentives
6. Agree a 2020 renewables plan
7. Get cracking on CCS and marine
8. Get R and D moving

PACE URGENCY DELIVERY



