

Shell Exploration & Production

Meeting the Challenge Head On

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Development and Technology

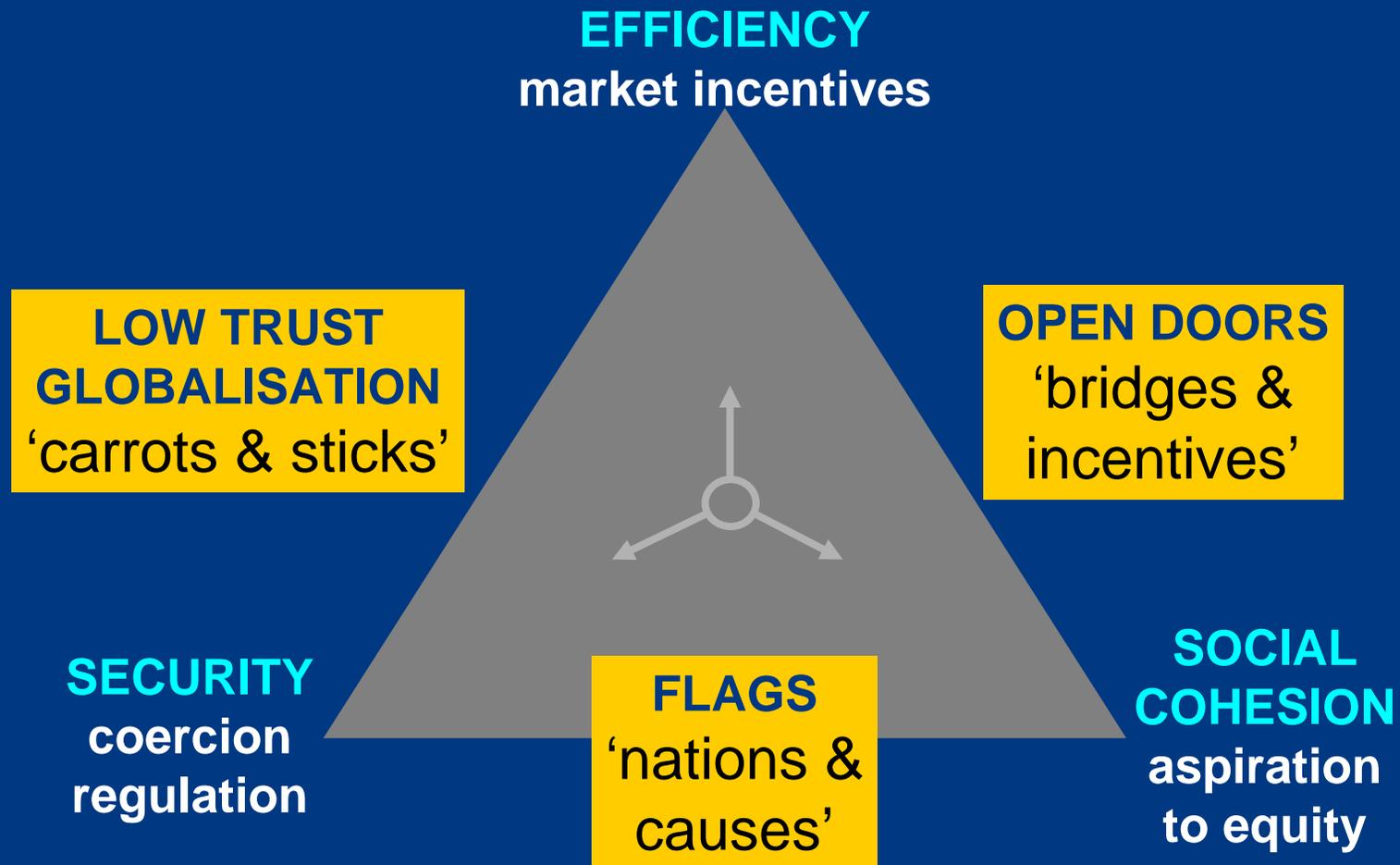
AAPG Executive Business Session

April 10th 2006

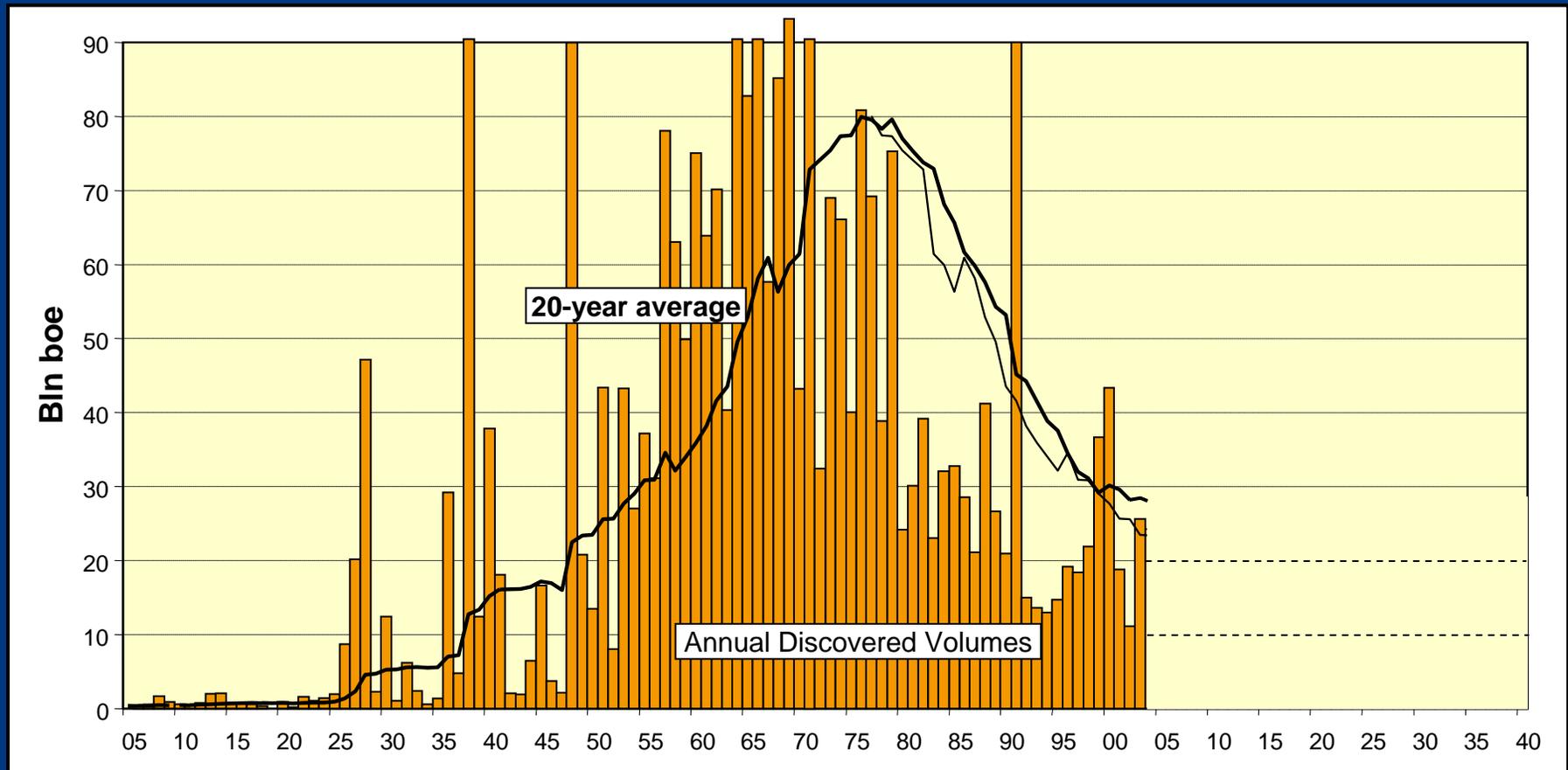


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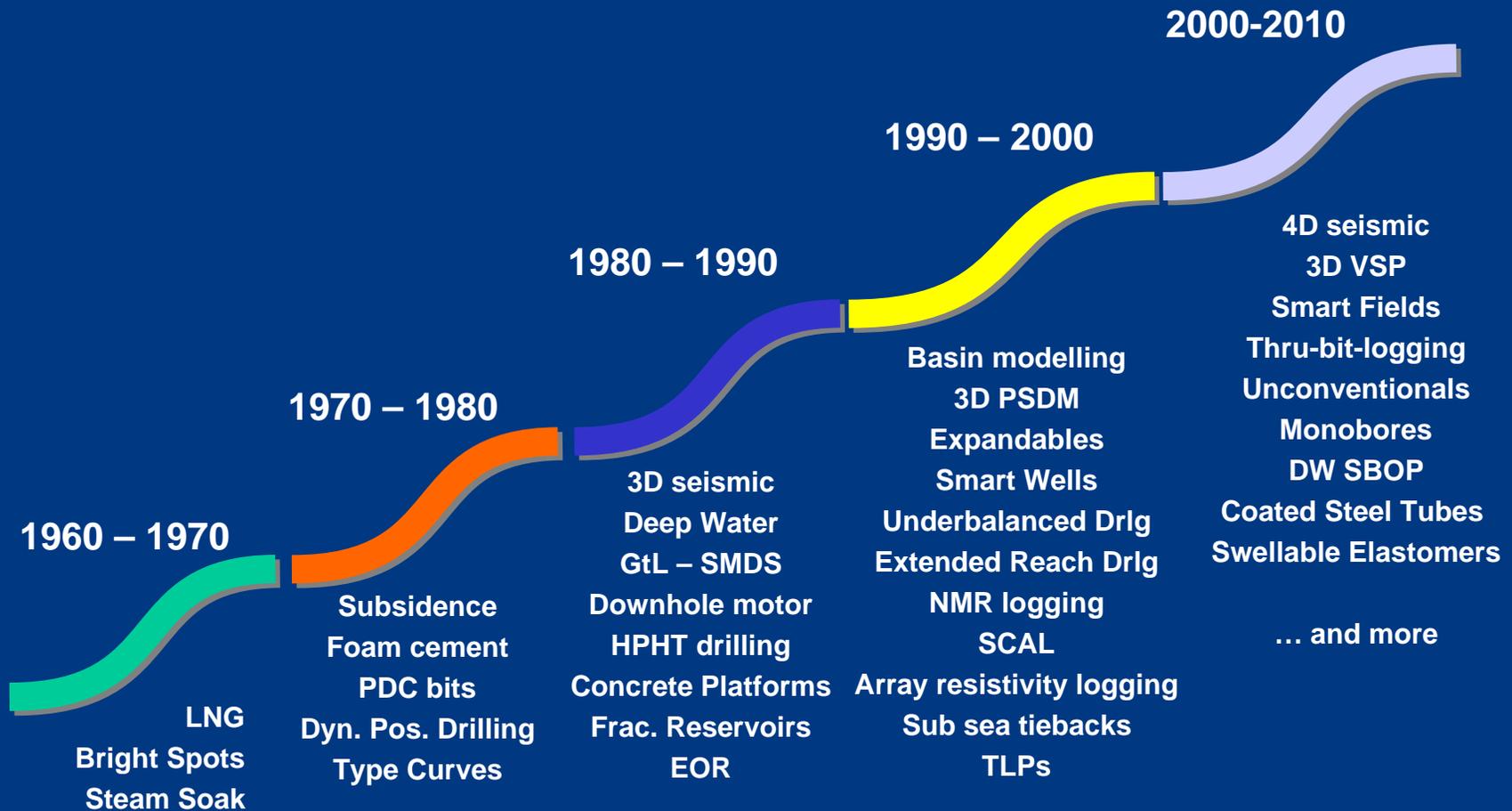
Shell Scenarios: Balancing Complex Trade-offs



Meeting the Supply Challenges Through Exploration



Meeting the Challenges by Pushing the Boundaries



Meeting the Challenges With Technology Solutions

- Making the most of today's oil and gas field
- Bringing on new, more difficult and unconventional resource
- Developing more efficient and greener fuels
- Dealing with emissions of CO₂ from energy processes

Making the Most of Existing Resources

Well planning

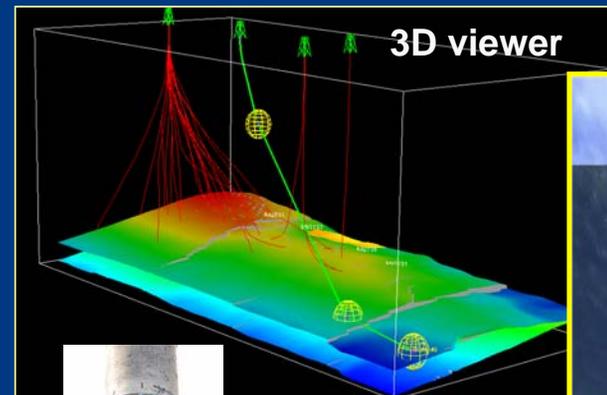
- Geocap 3D viewer

Drilling technology

- Under balanced drilling
- New drilling technology

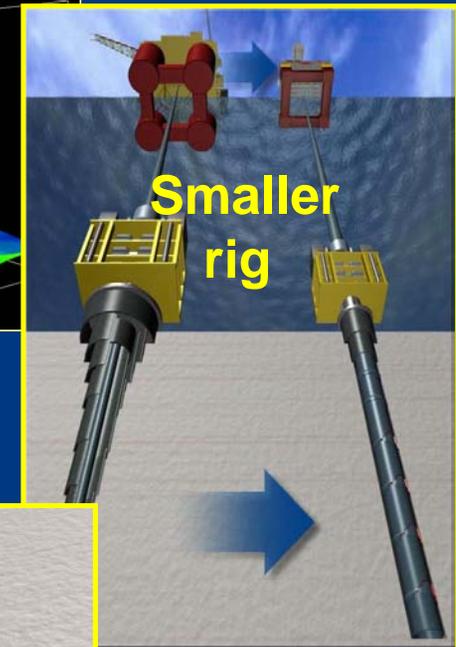
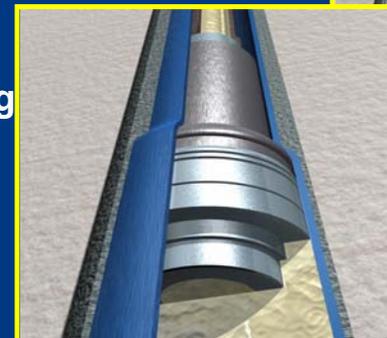
Well engineering

- Horizontal and multi-laterals

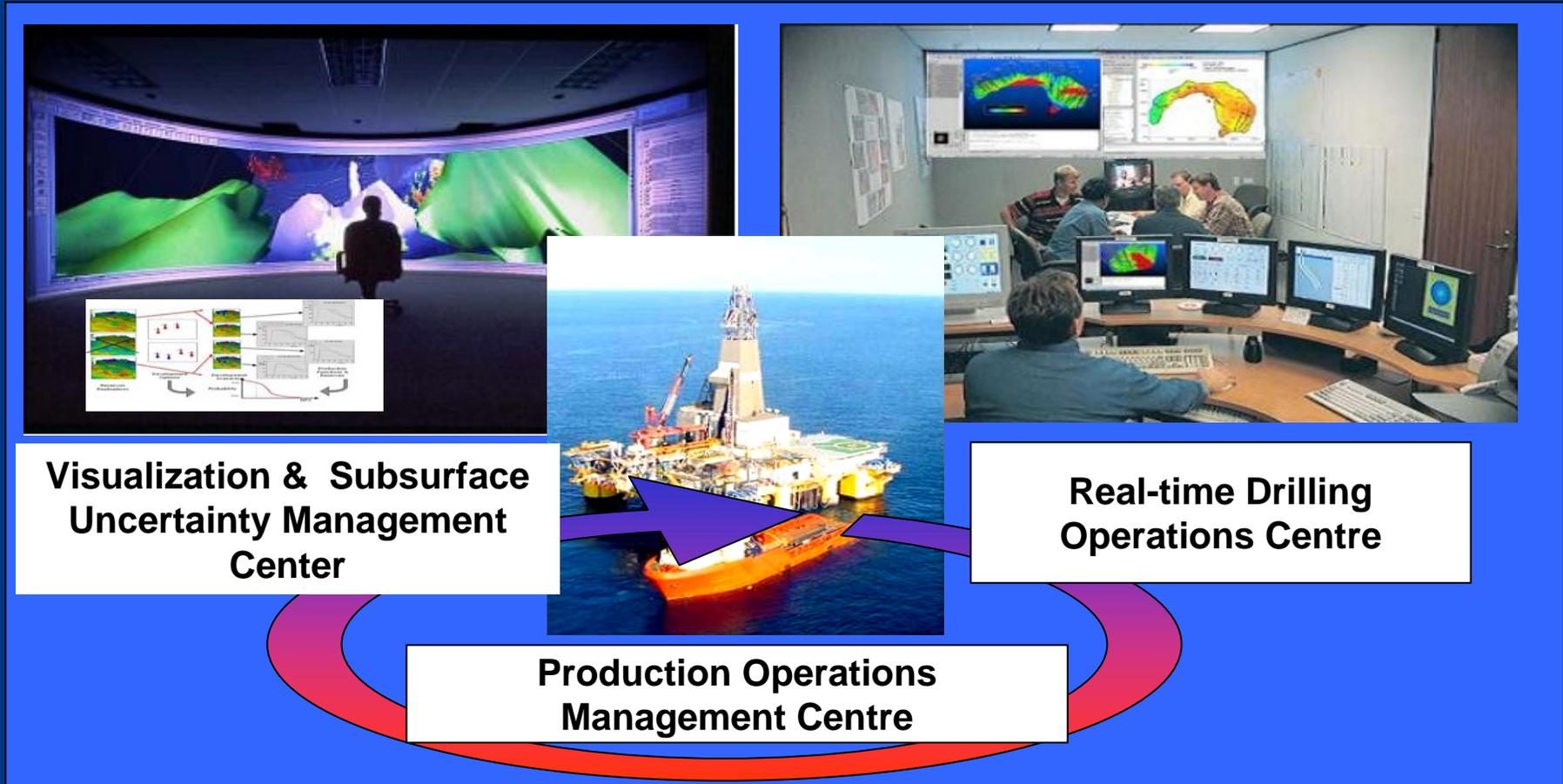


Through bit logging gets commercial

Mono diameter technology

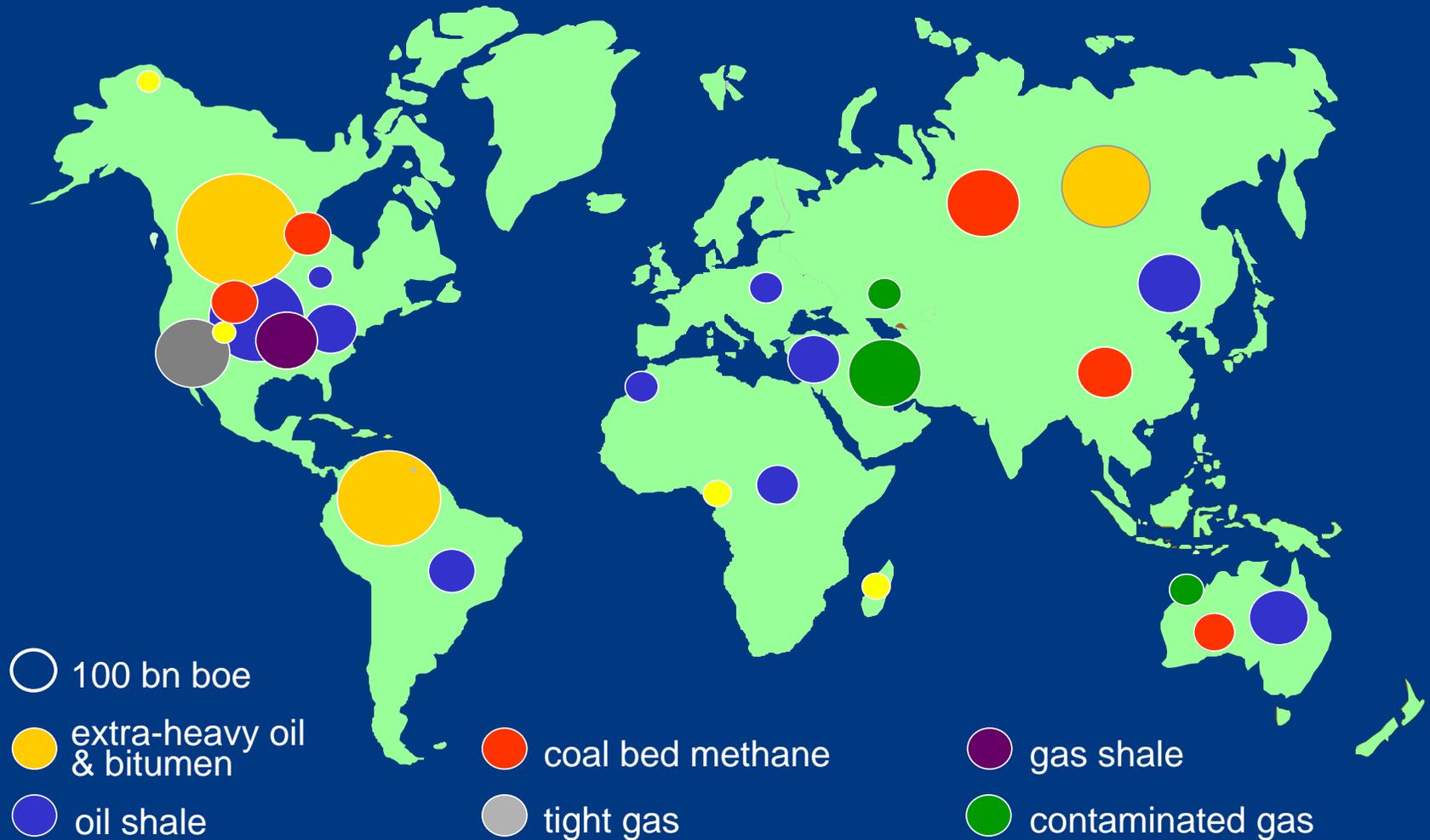


Smart Field Technology

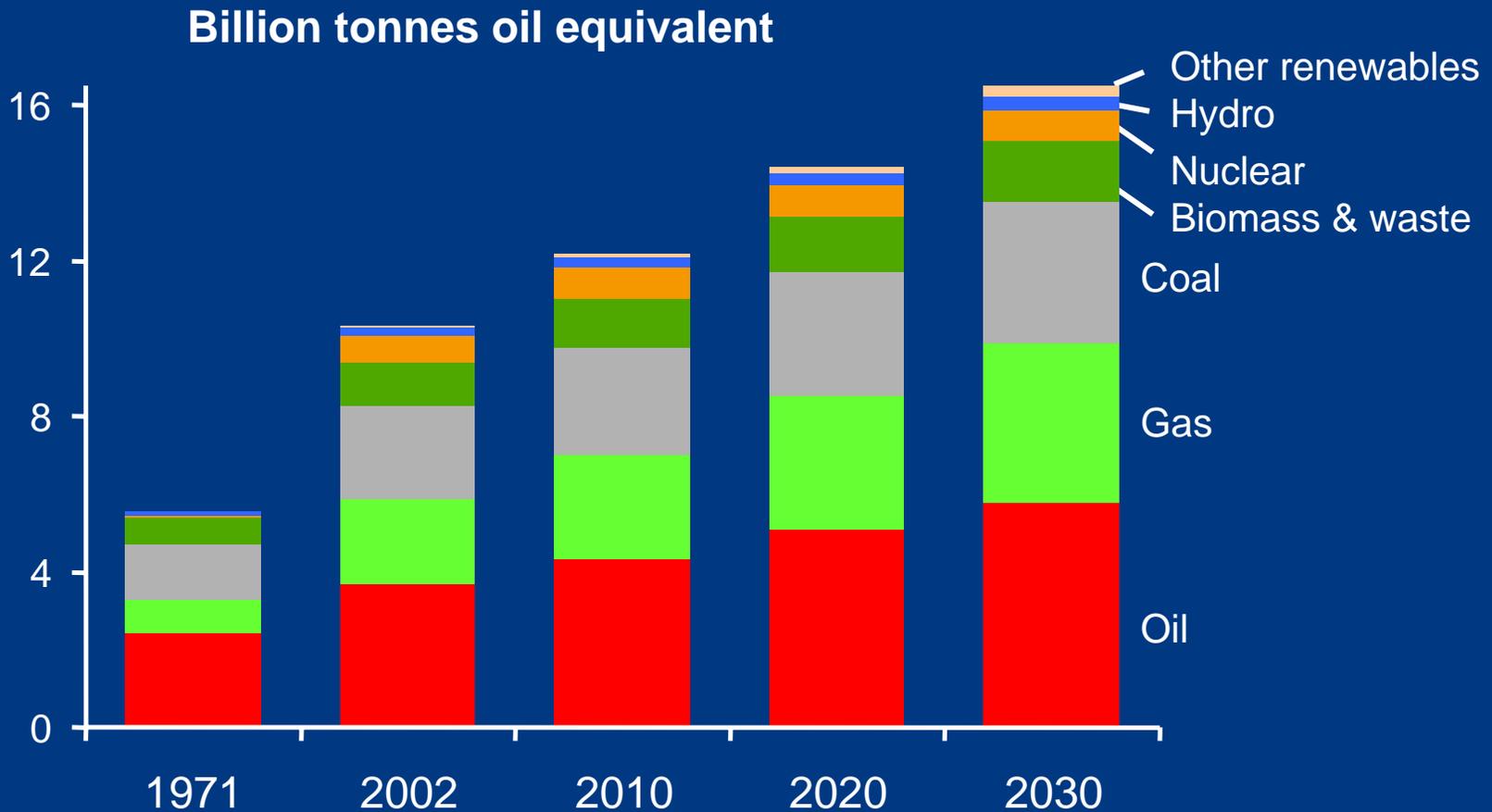


Facilities to improve multi-disciplinary collaboration, to reduce cycle times, and to generate more robust development plans

Unconventional Resources

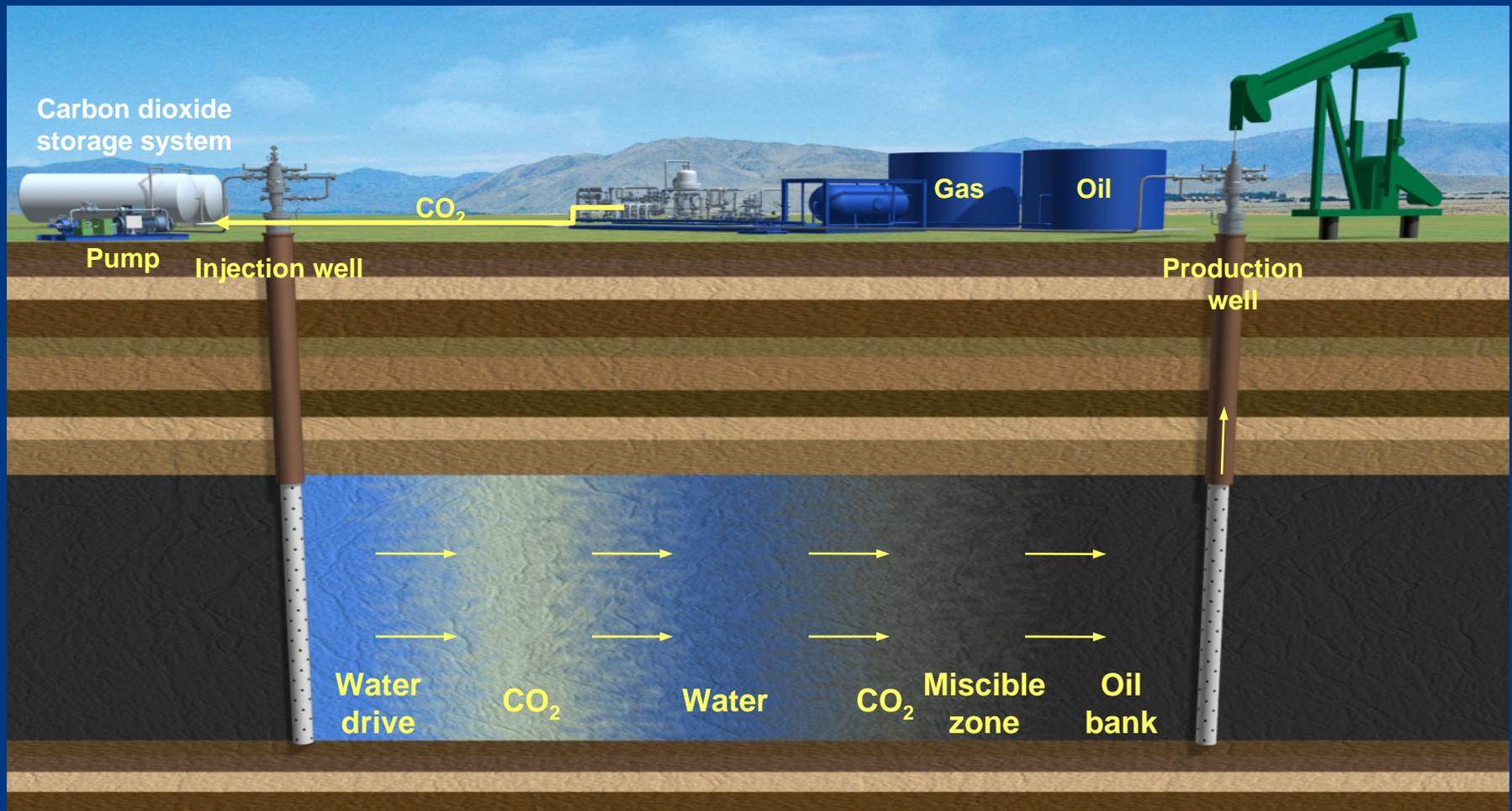


Delivering Better Fuels - World Energy Demand



IEA 2004 (reference case)

Carbon Management Technology



Shell Exploration & Production

Our People – The Most Important Resource



