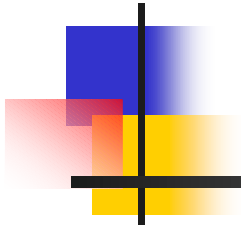


# **APGTF Response to Consultation Document**

## **Panel Discussion**



Tony Oliver, K-S Tech  
APGTF



## The Workshop

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- Workshop being held as part of response to Government consultation on energy policy
- In particular, responding to 'Key Issues for Consultation'
  - details in pack



## Objectives for Panel Session

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- Present expert views on the relevant key issues raised in the Government's Consultation Doc't
- Consider how to respond on issues relating to technology strategy and the necessary RD&D for the fossil, waste and biomass sector
- Make any other relevant comments



## Input to Panel Session

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- Draft response prepared by APGTF and sent to delegates
- Summary points:
  - need to consider prospective impact on UK industry, for UK and global markets
  - essential that RD&D and Deployment is strongly supported for fossil power generation
  - short to medium term, incremental improvements to plant efficiency most cost effective for fossil
  - longer term, EOR and CO<sub>2</sub> sequestration
  - strong argument for indigenous fuels and appropriate balanced mix of fuels (for security of supply)



## Input to Panel Session - continued

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- Draft response summary points, continued
  - RD&D programme needs strong international element; UK funding must increase so that UK can benefit fully from collaboration
  - support focus on energy efficiency; CHP market needs addressing
  - new technologies need support for commercial-scale demonstration
  - 20% renewables target is difficult, some key issues must be addressed.
  - Prediction of 20% DG in EU by 2020 is optimistic for UK. Needs RD&D
  - In the future, UK needs a mixed portfolio (renewables, nuclear, fossil). Need commitment to this in next 5 years eg for clean coal



## Input to Panel Session - continued

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- Draft response summary points, continued
  - diversity should be encouraged by positive measures, not by imposing restrictions
  - there's a case for demo of retrofit super-critical technology on pf plant
  - Urgent need for decisions on LCPD and future retrofits
  - Need to continue to develop 700degC ultra super-critical plant
  - IGCC offers route to higher effic'y and ultimately to H<sub>2</sub> production
  - if UK can continue to exhibit modern, advanced technology, it will benefit in world markets
  - Government assistance is essential, not only for R&D but also to help bring technologies to market



## Input to Panel Session - continued

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- Draft response summary points, continued
  - UK must have a well supported R&D programme to produce new technologies to compete in global market place
  - Must have a balanced RD&D programme for clean fossil, nuclear and renewables)
  - Need a RD&D programme for minimum of 10yrs, industry led with strong partnerships with universities. Need action now.
  - Need greater coordination of UK energy R&D; a single unit to steer, coordinate and advise
  - Need new industry led group covering R&D for fossil, nuclear and renewables covering UK and global market



## Input to Panel Session – Views of Experts

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- Climate Change and Security of Supply – **Derek Cheetham, Innogy**
- Renewables and Distributed Generation – **Mike Cannon, ALSTOM**
- Energy Efficiency and CHP – **Derrick Farthing, Powergen**
- Coal – **Les King, Mitsui Babcock**
- Innovation and Institutional – **John McMullan, University of Ulster**

+ support from expert panels





## Panel Session

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Chance for delegates to have their say



## Output from Panel Session

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- Key issues, comments, questions will be noted
- Feedback forms will be collected
- APGTF's draft document will be modified accordingly
- New document will be sent to DTI – by 13 Sept
- New document and other Workshop material to be put on web-site

[www.APGTF-UK.com](http://www.APGTF-UK.com)