

Minute of the Technology Group, 28 September 2010

BIS Conference Centre, 1 Victoria Street, London, SW1

Attendees:

Jerry Hardcastle, Nissan (Chair)
John Batterbee, ETI
Jon Beasley, GKN
Bernhard Blaettel, BMW
Brian Collins, DfT/BIS
John Cooper, BP
David Densley, Scottish and Southern
Robert Evans, CENEX
Steve Faulkner, Caterpillar
Nick Fell, TATA
Miguel Fragoso, Millbrook
Neil Fraser, MAHLE
Andrew Graves, University of Bath
Tony Harper, JLR
Robin Haycock, ARUP
David Hytch, Greater Manchester PTE
Neville Jackson, Ricardo
Charles Morgan, Morgan
John Miles, ARUP
Don Newton, AXEON
Theo Quick, Logica
Tony Spillaine, SAIC
Calvey Taylor-Haw, Elektromotive
Yung Tran, SMMT
Henri Winand, Intelligent Energy
Simon Wood, Lotus

Ashley Roberts, BIS
Paul Mullins, BIS
Bob Lonnon, BIS
Jon Maytom, BIS
Andrew Everett, TSB
Hamid Tavassoly, OLEV
John Laughlin TSB

Additional Attendees:

Richard Bruges, Unipart
Steve Dunn, Unipart
Peter Chivers, Nat. Composites Centre
Dave Dawson, Rolls Royce
Janet Mitchell, Nat. Composites Centre

Apologies:

Kevin Austin, GLA
Tudor Brown, ARM Holdings
Catherine Coates, EPSRC
Erik Fairbairn, Infracharge
George Gillespie, MIRA
Graham Hoare, Ford
Allan McKenzie, SMMT
Brian Gush, Bentley
Stephen Stacey, Toyota
Jim Sumner, Optare

Agenda Item 1: Chairs' Introduction

The **Chair** opened the meeting and thanked members for their ongoing commitment to the group. The **Chair** welcomed several new members/attendees including:

- **Bob Lonnon**, new Automotive Council Secretariat (replacing Paul Mullins and John Marshall)
- **Hamid Tavassoly**, Head of R&D and Procurement, Office of Low Emission Vehicles.

- **John Laughlin** from the TSB who is drafting the scoping document for the next TSB call.

The **Chair** noted a number of members had failed to attend all 4 meetings of the Technology Group and would now receive a letter asking them to clarify their commitment to the group or relinquish their membership. (**ACTION 1**: Auto Council Secretariat/Jerry Hardcastle to write to **Brian Gush**, Bentley, **Jim Sumner**, Optare, **Kevin Austin**, GLA)

Agenda Item 2: Supply Chain Group Update

Yung Tran presented paper TG280910.01



TG280910.01 SCG
update to TG S...

During the discussions the following points were made:

- In response to a question on Motorsports, **Tony Harper** noted that JLR were due to receive a presentation and he would report to the group its relevance for the group. (**ACTION 2**: **Tony Harper** to provide group feedback on Motorsport presentation) (**ACTION 3**: All Technology Group pilots to send a one page update on their workstream to Yung Tran for presentation to the Oct 7 meeting of the Supply Chain Group).

Agenda Item 3: ITS Update

John Miles presented paper TG280910.02



TG280910.02 ITS
Update.ppt(2 ...

During the discussions the following points were made:

- John Miles will circulate a copy of the nearly completed draft ITS report to group members. (**ACTION 4**: **John Miles/Auto Council Secretariat** to forward draft ITS report to TG members)
- Should the Auto Council play a supportive rather than a leadership role as an advocate for ITS given the wide range of industries involved in ITS? Or does the pressing long-term need to reduce congestion to increase mobility and the very significant role automotive will have to play if the Government is to achieve 2050 carbon reduction targets mean the Council should adopt a leadership position in pushing ITS development?
- Has the workstream sought to analyse why innovITS has not managed to successfully overcome the market failures in achieving co-ordination amongst the variety of industries and organisations involved in ITS development, in particular cross sector collaboration which is fertile ground for innovation and UK competitive advantage?
- Consumer and commercial demand will drive the development and uptake of ITS rather than policy/regulation triggers.
- Has the group looked at the lessons learnt from the Prometheus project?
- Has the group considered how the UK can contribute to the development of global protocols and regulation?
- There are indications that Philip Hammond, Secretary of State at DfT, is interested in ITS. Can OLEV's membership of the Council be used as a

mechanism to ensure the finalised ITS report is brought to Philip Hammond's attention?

- 'Servicisation' of ITS technology will be the key to its success. It will provide opportunities for development across sectors and could also attract private investment to support development.
- There are many restrictions surrounding free access to data that will help underpin the development of ITS services. The Auto Council should highlight these restrictions as an issue of concern.

Agenda Item 4: Technology Roadmaps and TestBed UK

Neville Jackson presented paper TG280910.03 – Technology Roadmaps



TG280910.01
chnology Roadma

During the discussions the following points were made:

- Should this workstream include Wrightbus in its discussions?
- If the Technology Group wishes to undertake a similar UK capability study for the heavy and off road vehicle sector as TSB commissioned for the passenger car sector the group will need to begin discussions re resourcing (is there a role for the new Transport KTN?)

Jon Maytom presented paper TG280910.04 – TestBed UK



TG280910.01.02
Technology Road...

During the discussions the following points were made:

- TestBed UK is wider than low carbon technologies
- The proposed TestBed UK web-portal should be hosted on the main Auto Council website, however proper consideration should be given to maintenance. Was this a role for the Transport KTN?
- The portal should be very valuable in helping the UK understand its current capabilities and mapping future priorities
- The portal would be a useful shop window for new investors and help build the business case for new or incremental investment in the UK by global automotive companies

Agenda Item 5: Low Carbon Vehicle Infrastructure

Robin Haycock presented paper TG280910.05



TG280910.05 LCV
Infrastructure...

During the discussions the following points were made:

- Is the categorisation of electricity as a single vector the correct approach? Would further sub-division risk undermining the value of the process diagram methodology as a strategic tool?
- Once market failures have been identified what is the role of different group's of stakeholders in addressing these?

- Despite significant UK commitments to the proportion of transport related renewable energy that will be derived from biofuels by 2020 there is uncertainty over planning to meet these targets.
- In order to clarify next steps for this workstream, a series of workshops was suggested to examine the barriers to the introduction of all three fuel vectors

Agenda Item 6: Funding and Academic Partnerships

Tony Harper presented paper [TG280910.06](#)



TG280910.06
Funding and Academic

During the discussions the following points were made:

- Following the group's analysis of the funding and academic landscape for ICE development in the UK, the workstream will next focus on energy storage.
- Should universities with the highest capabilities and track records act as hubs for R&D providing leadership/coordination for those with smaller capabilities?
- The digital economy university hub is working very successfully and potentially provides a useful model.
- What are the implications arising from the consolidation of funding that will follow the CSR for universities with lower capability.
- Industry should help to guide the decision making re the consolidation of funding available for industry-related academic research
- The EPSRC figures that 350k will support a principal investigator and two researchers for 3 years potentially significant underestimate the true costs to the HEIs concerned.

Agenda Item 7: OEM/Supplier R&D Inward Investment

Jon Beasley presented papers [TG280910.07](#) and [TG280910.08](#)



TG280910.07 OEM TG280910.08
Supplier R&D Inward Investment Technology Readiness

Richard Bruges presented paper [TG280910.09](#)



TG280910.09
Collaborative Tier 1

During the discussions the following points were made:

- The concept raised a lot of interest in the room. **Richard Bruges** will hold a workshop on Oct 28 with interested companies/organisations to tease out the key issues and questions pertaining to the practicability and viability of the collaborative Tier 1 one concept. The **Chair** commended this approach noting that group members and the wider Auto Council should seek to find new, out of the box solutions to what have become enduring problems facing the UK auto industry. (**ACTION 5: Auto Council Secretariat** to forward invitation for Oct 28 to Technology Group members).
- Confirmed attendees to the 28 Oct event include Ricardo and JLR
- 17 November was mooted for a possible repeat workshop

Agenda Item 8: TSB Update

Andrew Everett provided an update to the group on recent TSB activity captured in the below PPT TG280910.010



TG280910.10 TSB
Update.ppt (67...

A link to the Technology Inspired Competition referenced by Andrew can be found at:
<http://www.innovateuk.org/content/competition/technology-inspired-collaborative-research-and-dev.ashx>

Agenda Item 9: OLEV Update

Hamid Tassavoly provided an update to the group noting the recent confirmation of the consumer incentive and the announcement of eligibility criteria for the Plugged in Places scheme.

Agenda Item 10: Chair's Conclusion

The **Chair** thanked **Neville Jackson** for representing the Technology Group at the recent Millbrook event. The **Chair** noted the current Automotive Council activity at the Paris Motor Show. The **Chair** emphasised his thanks for industry members for their efforts in preparing papers for meetings but stressed the importance that members submit papers a week in advance of meetings to the Auto Council Secretariat. This will allow members to read updates and enhance group discussions. (**ACTION 6: Pilots** to send Council Secretariat papers for 25 Nov meeting by 18 Nov)

The **Chair** noted he will be working to develop objectives for the Technology Group in 2011. (**ACTION 7: Chair** to present draft 2011 Technology Group objectives to Oct 20 meeting of Auto Council informal working group).

The meeting closed at 13.00

Automotive Council Secretariat

Summary list of actions

Action	Responsibility	Deadline
ACTION 1: Auto Council Secretariat/Jerry Hardcastle to write to Brian Gush , Bentley, Jim Sumner , Optare, Kevin Austin , GLA	Auto Council Secretariat/Jerry Hardcastle	9 October
ACTION 2: Tony Harper to provide group feedback on Motorsport presentation	Tony Harper	TBC
ACTION 3: All Technology Group pilots to send a one page update on their workstream to Yung Tran for presentation to the Oct 7 meeting of the Supply Chain Group	Pilots	7 Oct

ACTION 4: John Miles/Auto Council Secretariat to forward draft ITS report to TG members	John Miles/Auto Council Secretariat	9 Oct
ACTION 5: Auto Council Secretariat to forward invitation for Richard Bruges Oct 28 workshop to Technology Group members	Auto Council Secretariat	04 Oct
ACTION 6: Pilots to send Council Secretariat papers for 25 Nov meeting by 18 Nov	Pilots	18 Nov
ACTION 7: Chair to present draft 2011 Technology Group objectives to Oct 20 meeting of Auto Council informal working group	Jerry Hardcastle	20 Oct