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**Minutes of a Committee Meeting from 10:30 on Thursday 28<sup>th</sup> January at Infineum UK Ltd  
Milton Hill Business & Technology Centre, PO Box 1, Abingdon, Oxfordshire, OX13 6BB**

**Present**

Mark Brighty  
Graham Calder  
James Dodd  
Mark Fooks  
Jim Ford  
Natasha Horn  
  
John Smythe

**Apologies**

David Atkinson  
  
  
  
  
Ben Rogers

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**Agreed Actions to be completed (some carried over from last meeting):**

1. Graham Calder to obtain visit content details about Warsash Academy for a potential members' visit in 2019.
  2. Graham Calder to circulate request for Ideas / thoughts for Cascades in 2023/24.
  3. All committee members to solicit new company members to the UK NMA.
  4. Mark Fooks to contact Lance Mooney to provide options as to feasibility to visit Queen Elizabeth Carrier end of 2019.
  5. David Atkinson to setup an CIMAC UK LinkedIn page.
  6. David Atkinson to update website to include Wabtec visit details.
  7. Mark Brighty to contact Luke Pearson of Innio about private membership
  8. Graham Calder to check with Gulf Oil regarding corporate membership.  
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  10. Mark Fooks to send SeaTec UK a signed and stamped copy of their invoice.
  11. Mark Fooks to send Lubrizol a copy of our ██████████ statement showing our account details.
  12. James Dodd to contact Luke Pearson of Innio Jenbacher about potential visit to Clarke Energy.
  13. James Dodd to contact Lloyd's about potential AGM/Members' Day location.
  14. Mark Fooks to check with Central CIMAC UK Working group members.
  15. James Dodd to check if a refinery visit is possible.
  16. Mark Fooks to contact Lance Mooney for potential visits in 2020
  17. James Dodd to prepare chairman message to send to members
  18. ALL to consider if a visit to EICC in Edinburgh is required this year.
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**1. Welcome**

A welcome was extended to all committee members including the most recent, Jim Ford of Lubrizol.

**2. Items to appear in Additional Agenda Items**

None

**3. Finances**

- 2019/2020 membership invoices/payment status

The 2019 and 2020 invoices have been sent out to the current 24 members in October 2019. We have currently received payment from 17 members, with an email sent to the remaining members chasing payment.

[Redacted]

- [Redacted]

[Redacted]

- [Redacted]

[Redacted]

- [Redacted]

[Redacted]

[Redacted]

[Redacted]

● [REDACTED]  
 ● [REDACTED]  
 ● [REDACTED]

[REDACTED]

● [REDACTED]  
 ● [REDACTED]

**4. 2019 Members’ Day**

- Review

The visit to Morris lubricants Tower Suite conference facilities was a success with 20 members attending the event. Although this number is down on previous years, several members had to pull out at short notice due to other work commitments. 46% of the registered UK NMA companies attended the event, which is similar to previous years. For future events, we need to carefully consider the location, as 80% of the membership is south of the M4. Approximately 50% of the companies represented on the UK NMA are involved with fuels/lubricants.

- Feedback

Member feedback from the day was generally positive, although the average meeting score was down on 2018. The table below shows the comparison between 2018 and 2019 for the 4 basic feedback questions.

1. How would you rate the organisation, format and seclude for the day?
2. How would you rate the technical balance and content of the presentations?
3. How would you rate the UK NMA Day overall?
4. Would you support further CIMAC UK NMA days?

Question	2018	2019	Average
1	9.24	8.22	8.57
2	8.52	7.78	7.63
3	9.24	8.22	8.37
4	10.0	10.00	9.97
<b>Overall</b>	<b>9.25</b>	<b>8.56</b>	<b>8.63</b>

As this year was a Congress year, the format of the day is to re-present a selection of papers from the congress for members who were unable to attend. Several comments received noted that most of the presentations had been seen before! [REDACTED]

[REDACTED]

[REDACTED] The presentation “A novel low cost aftertreatment solution for learn burn gas engines” by Ben Rogers of Ricardo was voted the best paper.

The future topics section of the feedback form was mainly concerned with fuels and lubricants. The list below shows a selection of topics requested by the members: -

- Marine 2030/2050 challenges
- 0.5% sulphur cap in bunker fuels – problems and solutions
- Fuels & lubricants
- Gas engines
- 2020 fuel experience

Below is a list showing a selection of future technical visits requested by the members. The committee to consider the list.

- Fuel & lubricant test centre
- Engine operators
- Gas engine OEM
- Operational experience
- Powergen engine site visit

A copy of the full report is attached to the minutes.

## 5. Minutes of the last meeting

- Approval of minutes

The minutes were approved.

- Action list from minutes

See outstanding actions section on page 1.

- Matters arising

Discussed and recorded under other agenda headings.

## 6. Membership

- Current UK NMA Membership

The current membership consists of 21 corporate members and 3 private members. Based on this membership level, we fall within Class II of the Central CIMAC payment structure. The current membership level will generate £13950 (≈ €16000).

The table below shows the global CIMAC member companies by region. The UK is the 4<sup>th</sup> largest country for members.

Country	Number of Companies
China	123
Japan	71
Germany	47
UK	23
France	21
Denmark	20
Finland	18
Norway	18
Switzerland	18
Sweden	16
Austria	15
Korea	15

● [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**7. NMA events for 2020**

- Visits – progress on planning

Clarke Energy

Clarke Energy are a service provider for Jenbacher reciprocating gas engines based in Liverpool. The UK NMA members are particularly interested in engines and operator experience. James Dodd to contact Luke Pearson of Innio Jenbacher about potential visit to Clarke Energy. Mark Brightly to also contact Clarke Energy about potential visit.

Warsash Academy, Southampton

This academy provides ship and engine room simulation for training purposes. It may be suitable for a future visit by CIMAC UK NMA members. Graham Calder will obtain contact details to follow up.

MAN training, Stockport

The visit to the MAN training facility in Stockport should be considered for this year. James Dodd to contact MAN to find out if they can offer a course on gas engine overview/principles.

Royal Navy

The previous events hosted by the Royal Naval have been very popular with the members. Mark Fooks to contact Lance Mooney about potential visits for this year.

The potential to host an additional members/papers day was discussed. This could be hosted at a university where we get students/professors to present their work on sustainability, engine and fuel technologies etc. We would need to have a clear message/target to attract the relevant people. CIMAC Central may be able to offer assistance to attract a wider audience (mini cascades). The committee to consider setting up a LinkedIn page to give the UK NMA more 'media' coverage.

- Location for AGM & Members' Day

It was decided to keep the same date in November for this year's Members' day, as it doesn't clash with other national engineering seminars/conferences. As most members are in the south of the UK, it was decided to host the meeting in this area. Potential locations discussed were; Lloyd's register in Southampton, Spectro Jet in Odiham and Ricardo UK in Shoreham-by-Sea. The preferred option was Lloyd's Register Global Technology centre in Southampton. James Dodd to contact Lloyd's Register to discuss potential for hosting the Members' Day in November.

- CIMAC 2025

The UK NMA will have to prepare a letter of interest to host congress in 2025. Based on the timescale of previous submissions, this will be needed in the 2<sup>nd</sup> quarter of next year. During the Autumn council meeting in 2021, the decision will be made as to where congress will be held. A lot of preparation work is required from the committee to prepare these documents. The committee to decide if a visit to the Edinburgh International Conference Centre is required this year.

## 8. **Additional agenda items**

None

## 9. **Date, Time and Place of next meeting**

It was decided to hold the next committee meeting by Skype between 23<sup>rd</sup> March – 3<sup>rd</sup> April 2020, to be determined by Doodle poll and advised in due course.

Minutes prepared by Mark Fooks on 3<sup>rd</sup> February 2020 on behalf of CIMAC UK NMA.