

CEC ACTIVITY REPORT JULY –DECEMBER 2024

1. Chair Introduction

This is the first newsletter in my new role as Chair of the CEC Management Board (MB).

I am happy to take over this responsibility from Phil Reeve, who did a great job in the past two years in finishing the strategic review of CEC scope and working on an implementation plan for the future based on the needs of the member organisations. Finally, Phil had agreed to chair for an extra month so that we could ensure a smooth transition in September 2024 and we both attended the Management Board meeting in Brussels. Thanks again to Phil for his contribution and commitment to CEC.

I would also like to thank Mike Conroy, who has been very active and committed to the Management Board for many years, including a long period as Vice Chair and as Interim Chair. Because of Concawe's resignation from CEC, Mike and Beate Heisterkamp left the Management Board by the end of 2024. Also, I would like to say thank you to Marco Corradi, who served as our Treasurer. He has decided to resign from the Management Board. ATC will name a successor soon.

Thank you and farewell, Mike, Beate and Marco!

Some words to my person: I have spent my professional career in the automotive industry, in the development of powertrain systems. In recent years, I have been responsible for large development projects and international co-operations. Therefore, I am confident that I know the technical topics of CEC already quite well from the fuel and lubricant user side, but I am looking forward to learning a lot about the production and formulation of lubricants and fuels and their additives. Your support is highly appreciated. I am looking forward to this new responsibility and hope to get to know all the stakeholders and the key players in the working groups personally as soon as possible.

Concawe membership ceased at end December 2024. We again thank Concawe members and their representatives in the CEC Management Board for their contributions to CEC over the 10+ years of membership. Please note that Fuels testing within CEC will continue to be supported by the CEC Management Board and any interested company will be able to participate (see 3. below).

Within the current CEC scope (meet evolving needs) ACEA, ATC and ATIEL wish to remain reactive to new and replacement test needs. However, there is a continuing need for the level of cost and resource committed to CEC to be closely managed.

The CEC Management Board held two meetings during the second half of 2024. We continued the implementation of the revised CEC strategy after the 2023 review.

We have started an exchange with our American counterpart ASTM to learn more about their organisation and working methods. We are also in dialogue with their TMC (Test Monitoring Center) to learn about their role in the test development and surveillance process.

CEC Management Board have agreed to set up an online seminar in 2025. The purpose is primarily educational to explain the roles and structure as well as the operating guidelines of CEC with some Q+A sessions. The seminar was planned in February but will be postponed to July 3rd. CEC Management Board decided to first revise the guidelines and then present them at the seminar.

2. List of Board Members and Responsibilities

2.1. List of Board Members

Klaus Fieweger	CEC Chair (replaced Philip Reeve as of September 2024)
Mike Conroy	CONCAWE, Vice-Chair (until 31 December 2024)
Paul Decker-Brentano	ACEA
Peter Schick	ACEA (Vice-Chair as of 31 December 2024)
Ralf Meyke	ATC
Marco Corradi	ATC, Treasurer and Compliance (until 31 December 2024)
Hervé Marie	ATIEL (Treasurer as of 31 December 2024)
Catherine Maillard	ATIEL
Beate Heisterkamp	CONCAWE (until 31 December 2024)

2.2. Management Board Responsibilities

Issue	Leader	Backup	Admin, Secretariat
General Administration	Klaus	Peter	Kellen
Finance/Compliance	TBD	Klaus	Kellen
Website	TBD	Klaus	Kellen
Monitoring Lubricants Groups (SG)	Catherine (engine)/ Hervé (Bench)	Hervé/Catherine	Kellen
Monitoring Fuels Groups (SG)	TBD	TBD	Kellen
Monitoring Transmissions (SG)	Ralf	Hervé	Kellen
Monitoring Reference Fluids Groups + Rating	TBD (Lubes)/TBD (Fuels)		Kellen
Articles of Association / Guidelines	Klaus	TBD	Kellen
External Communications	Klaus	TBD	Kellen
Quality/SDG	Ralf (Lubes)/TBD (Fuels)		Kellen
Lubricant Tests Development:	N/A	N/A	Kellen
Fuel Test Development:			
TDG-F-113	TBD	Klaus	Kellen
TDG-F-119	TBD	Klaus	Kellen
Confidentiality Issues	Klaus	Peter	Kellen
CEC Strategic items	Klaus	Peter	Kellen

Marco Corradi has resigned from the CEC Management Board. ATC will inform us of a replacement soon. Because of Concawe's resignation, Mike Conroy and Beate Heisterkamp will leave the Management Board by the end of December 2024.

Hervé Marie will take over Marco's role as Treasurer and Peter Schick has been appointed Vice-Chair.

3. Concawe Resignation

Concawe recognises the importance of the role that CEC plays in the development of fuels and lubricants for the European transport industry. In light of the energy transition and the need to update priorities, Concawe has taken the decision to resign its membership.

At the June 2024 meeting, Concawe advised the CEC Management Board of their resignation from CEC as a member organisation. Their membership will cease at end December 2024.

We again recognise and thank Concawe members and their representatives in the CEC Management Board for their contributions to CEC over the 10+ years of membership.

Fuels testing within CEC will continue to be supported and Concawe members will continue to be active in CEC working groups where they feel it is appropriate for their organisation. No impact is anticipated for the

working groups since membership is a decision of individual companies and is not directly connected to decisions made by their association(s).

The Management Board is currently looking into assigning representative(s) from the CEC Management Board to the CEC Fuels Test Groups.

4. Strategic items

We have started the implementation of the revised CEC strategy. We are currently working on:

- CEC Management Board and Organisational Structure – new independent Chair and funding approach, implications of CONCAWE resignation, update of Articles of Association
- We started the comparison to / exchange with ASTM and TMC (Test Monitoring Center) to learn more about their organisation, funding and working methods, and their roles in the test development and surveillance process.
- ACEA roadmap and cost/resource implications – ACEA LD are looking at possible replacement of L-106 (DV6), L-111 (EP6), L-099 (OM646 wear), L-054 (M111FE) and a modified Noack (L-040). ACEA HD are looking at a piston ring liner wear test, replacement for L-101 (OM501) and extending L-118 (OM471) to look at more parameters.
- CEC Policies / Guidelines / Processes – updating the CEC business documents and making best endeavors to ensure compliance with sanctions.
- Resources, resource monitoring and identification of resource gaps – in line with the ACEA roadmap and needs statements
- Budget in relation to ACEA roadmap – as above. Collection of ideas and discussion about additional revenue streams and new member organisations planned for first half of 2025
- Skills/training needed – planned online seminar
- Communications – planned online seminar, greater participation in Management Board meetings, regular communication with Group Chairs, potentially other communication activities

5. Update on TDG's - Activity report – timeframe July – December 2024

5.1. TDG-F-119 – replacement test for F-98-08

A first Test Development Group (TDG-F-119) meeting for a successor test for DW10B diesel injector coking took place on 26 September in Vienna.

- 17 companies confirmed their interest in sponsoring the test.
- The current ToR was reviewed and accepted.
- The challenge of providing suitable test hardware without sponsoring OEM participating has been discussed and some promising options have been identified.
- TDG will continue this Pre-Phase 1 in 2025, in this phase without costs.
- Next Teams Meeting on 14th of January 2025 14:00 to 15:00 to discuss and review progress
- 25 September 2025 – Annual Meeting – F2F & Hybrid, Vienna (hosted by DTC)

5.2. TDG-F-113

The group, formed in 2017, has been developing a test method originally supplied by Volkswagen, but the fuel used by VW was not representative of European fuels. A new reference fuel for this test (EN 228 fuel with 5% Ethanol) was defined in the ToR at that time.

- The new test method was being developed in phase 1 and the reference fuel was being developed simultaneously. Therefore, phase 1 took a very long time.
- The new reference fuel shows in general a weaker response with lower level of results for dirty-up, compared to the fuel that was used by VW.
- The TDG believes that the current status is having completed phase 1 (repeatability demonstrated). But they have not been able to get past that in terms of being able to demonstrate reproducibility, so that the group can move on and complete phase 2. Further data would be required to fully demonstrate these points.
- The group faces challenges with the current reference fuel supply quality, leading to variations in test results, and they are considering alternative fuels.
- There is still a consensus within the group that they would like to finish this test development and to become a surveillance group.

The TDG presented the status to the Management Board in the December meeting and proposes the following:

- Have the opportunity to assess alternative fuels.
- If an alternative fuel can meet the requirements of the SDG, the group would like to change the ToR for the reference fuel.

CEC Management Board will - together with the TDG - examine all options that are possible within the framework of the guidelines and decide on how to proceed.

5.3. H2-ICE Pre-Ignition Test

A needs statement and the ToR have been created by ACEA HD. Approval has been received from ATC and ATIEL and an SPG is being setup. After that, the CEC secretariat will be sending out the letters of intent for sponsorship.

5.4. OM471 FE1 Short Test

A needs statement and the ToR have been created by ACEA HD. Approval has been received from ATC and ATIEL and now ACEA will check with SDG if there is enough data to go directly into phase 2 or not.

6. Update on SG's - Activity report – timeframe July - December 2024

6.1. CEC L-40 & SG-L-45

Mr. Adam Ramos, Senior Research Scientist at Southwest Research Institute has been appointed as the new Chair of SG-L-45 replacing Selin Manukyan. For SG-L40 the Chair position is still open.

7. Update on TMS

The TMS has been actively managing routine operations, including onboarding many new users to replace outgoing ones, adding laboratory instruments, and clearing new batches for service. Furthermore, several new chairs for test types have been introduced, and PDC has supported users experiencing access issues.

PDC have also provided monthly updates regarding the running of the TMS and have made the new test type M111 live. In addition, proforma and precision adjustments have been made for multiple tests.

In terms of website updates, they are in communication with the CEC Management Board in order to respond to any features that are required. Some features are currently under CEC review and will further ensure that all members remain fully compliant with procedure.

8. Workshop 2025

The announced CEC Workshop planned on 27 February 2025 will be postponed to 3 July. It will be an online training about the guidelines and CEC operations and not a physical event in Brussels as announced in the newsletter. The online training will take place from 10h to 12h Brussels time and more information on registration and access will be shared with you shortly.

9. Upcoming events and activity for 2025

- Management Board Meeting on 15 January 2025 by teleconference
- Management Board Meeting on 26 +27 February 2025, Brussels
- Management Board Meeting on 2 July 2025, Brussels
- CEC Online Workshop on 3 July 2025 from 10:00-12:00
- SG-L-114 Meeting on 11 March 2025, hosted by Chevron Oronite, Rotterdam
- SG-L-54, SG-L-99, SG-L-104 Meetings, 26 March, 2025, hosted by Afton Chemical Hamburg
- SG-L-106 & L-111 Meetings, 28 March, 2025, by teleconference
- SG-L-101 & L-118 Meetings, 14 May, 2025, hosted by Daimler Truck, Germany
- TDG-F-005, SG-F-020, 22 September 2025, hosted by DTC Vienna
- TDG-F-113 meeting, 25 September 2025, hosted by DTC Vienna

It is important all working groups meet at least once a year either physically or virtually.