



atiel

DRIVING STANDARDS
IN LUBRICANT TECHNOLOGY

The logo features the word 'atiel' in a grey, lowercase, sans-serif font. A small yellow sphere is positioned above the 'i'. A thick, yellow, curved line arches over the text, starting from the left and ending on the right. Below the text, the tagline 'DRIVING STANDARDS IN LUBRICANT TECHNOLOGY' is written in a smaller, white, uppercase, sans-serif font. The background is a dark gradient with abstract, glowing orange and yellow shapes on the left side.



Lubricants Testing requirements for the next decade

22nd November 2011

The central image shows two hands, palms up, holding a glowing white sphere. The hands are illuminated with a warm, orange-red light, and the sphere is the brightest part of the image. The background is dark with some faint, glowing patterns.

Lubricants Testing
requirements for the
next decade



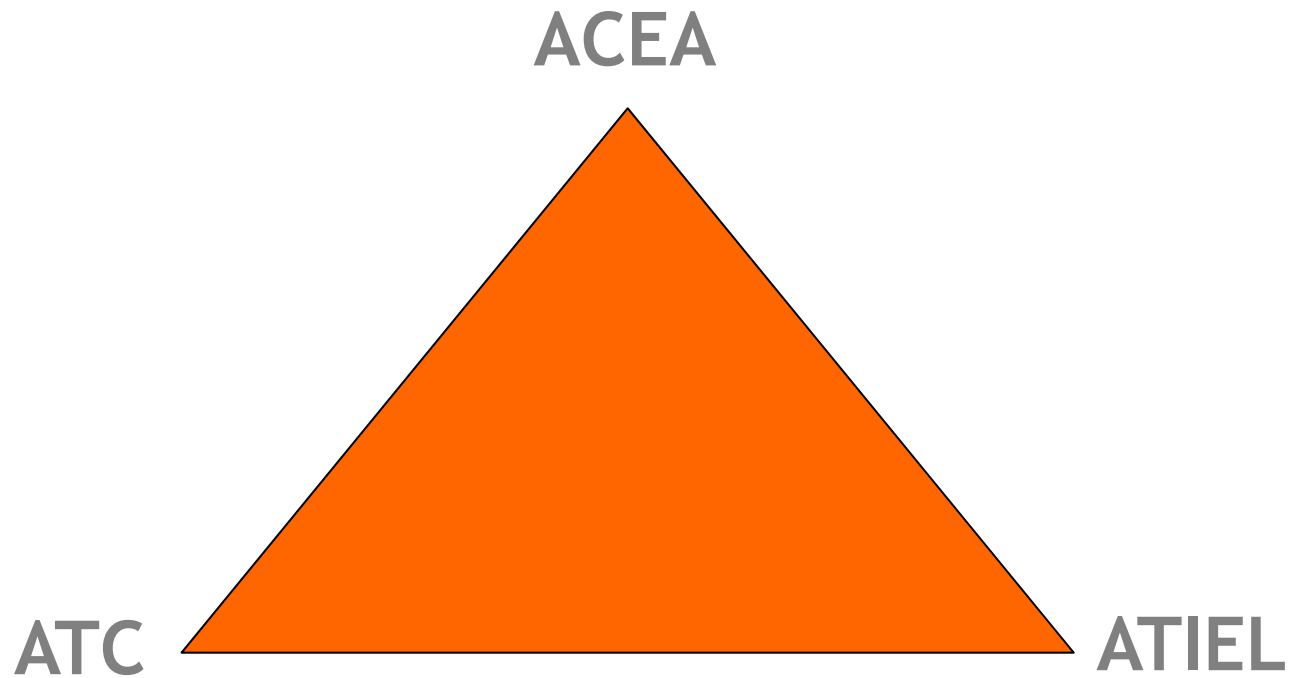
ATIEL

- a European economic interest group,
- registered in Belgium,
- representing the common interests of European lubricants manufacturing and marketing companies,
- membership open to companies in the EU/EFTA,
- promotes dialogue between ATIEL members and associated industries,
- currently 20 member companies.

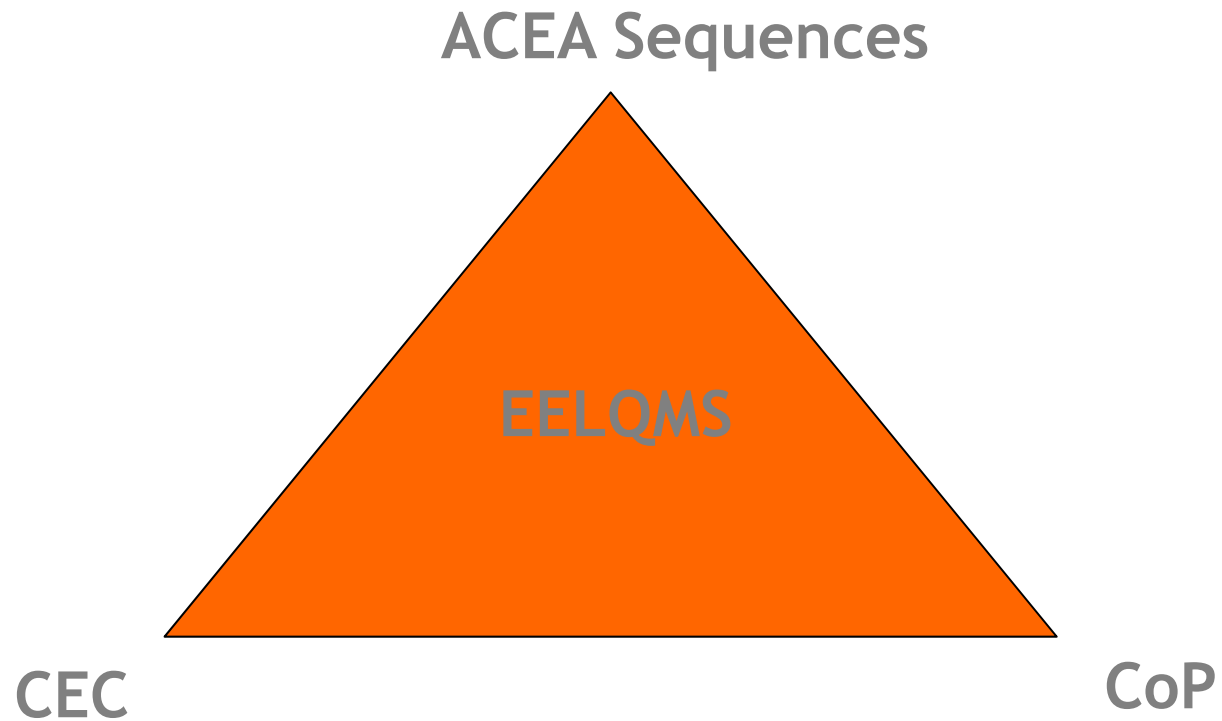
• Membership



Building on a constructive cooperation of key stakeholders



Critical building blocks



A Changing Business Environment

- Globalisation:

- Market growth for vehicles and lubricants is outside Europe
- LT future of Europe as manufacturing base under review
- OEM investments move abroad
- Export markets are in a different stage of development

- EU policy

- 2050 Roadmaps to drive:
 - fuel pool composition
 - future powertrain mix
- REACH

Implications for CEC

- Focus on core values such as:
 - Reliability
 - Accuracy
 - Availability

But increasingly on:

- Flexibility
- Adaptability
- Accountability
- Cost effectiveness

A reliable, robust, cost effective and quality system

- Fit for purpose tests against demonstrated field needs
- Test severity driven by field needs, not technology
- Test precision with statistical control
- Timely availability of test facilities and labs
- Cost effectiveness and Transparency

ACEA sequences beyond 2012

- Develop a common perspective/vision by ACEA/ATC/ATIEL based on a critical assessment of current tests and future technical trends
- Anticipate the needs for new tests, existing test replacement
- Ensure availability of appropriate test equipment
 - Determine the type of engine hardware to support the sequences in the next 10 years
 - Systematically review and reassert known failure modes and identify forthcoming issues
 - Identify appropriate test and hardware types that could assess those failure modes
 - Produce individual needs statements for a full refreshed engine test suite that would cover the above
 - Review best practice (e.g. ASTM) to improve efficiency.

Way forward

- Establish a cross industry task force to develop a vision for a refreshed engine test suite to support sequences beyond 2012
- Actively engage with OEMs to ensure support for hardware and test cycle proposals
- Identify appropriate bench tests and supportive test lab or engineering consultancies in the event that OEMs have difficulty to provide appropriate hardware for engine tests
- Look for ways to decrease development time and increase cost efficiency, e.g. through enhancement of project management.



- END -