



Press Release

CO₂ REDUCTION FOR TRANSPORTATION SYSTEMS CONFERENCE: AN INNOVATIVE DIGITAL VERSION FOR THE TWO-YEAR EVENT ABOUT THE EVOLUTION OF AUTOMOTIVE TECHNOLOGIES

ANFIA and SAE TORINO are pleased with the debut in digital version of the third edition of the conference, with the participation of 70 speakers from all over the world, 16 sponsors, also involved in the new “Talent Talks” initiative with engineering students, and about 400 attendees

Turin, July 10th 2020 - The third edition of the international conference "CO₂ Reduction for Transportation Systems", organized by ANFIA and SAE Torino with an innovative digital version came to an end yesterday.

The conference, with the patronage of SAE International and of the Centro CARS (Center for Automotive Research and Sustainable mobility) by Politecnico di Torino, addressed all stakeholders in the automotive supply chain (vehicles manufacturers, components and systems suppliers), public bodies, managers, engineers and researchers and was aimed at tracing the state of the art of CO₂ reduction technologies for sustainable transport systems, as well as discussing future trends, promoting dialogue among companies, universities and research centres in different countries also through networking and information exchange opportunities. Among the main topics: an overview on the current legislation and future trends; the increasement in efficiency of powertrain systems, the use of alternative fuels and electrification and hybridisation technologies; vehicle energy demand reduction technologies, including: aerodynamics, on-board energy management improvement, thermal management; rolling resistance and friction reduction; lightweight technologies.

The program, spread in the afternoons of the three days event, counted the participation of about 70 qualified speakers coming from prestigious both Italian and International associations, universities, research centres and companies, involved in speeches and round tables in parallel sessions which animated an interesting discussion on the technical issues on the agenda. Overall, about 400 persons took part in the event. Plenary Sessions have been attended on average by 200 users while parallel sessions (three per day) have been followed on average by 100 users. The topics that got the most interest were electrification & hybridisation and development of new powertrain systems.

Thanks to the high profile and the edges given by the digital format, the event, gave to all the companies involved, excellent opportunities of interaction with a panel of experts and a large virtual audience. About thirty discussion topics were created on the online platform.

Moreover, during the event days, has been planned, in the mornings, a “Talent Talks” agenda, a news of the 2020 edition, from which the sponsoring companies and university students from worldwide engineering faculties, invited to participate by ANFIA and SAE Torino, were able to benefit.



An excellent chance for young aspiring engineers attending a course of study related to the automotive sector to align with the demand for specific professional profiles and, at the same time, a profitable opportunity for companies to present their vision and mission and their recruitment strategies. The main Italian and International Universities, have been involved, for an overall of 180 students and an average participation of 70 per each session.

“The topics discussed during these three days are extremely current and strategic for the whole supply chain we represent. - says Marco Stella, Vice President of ANFIA and President of ANFIA Group of Components.

By 2020, indeed, the 95% of the new car registrations in Europe will have to respect the objective of 95 g/km average CO₂ emissions, with very severe penalties for transgressing Car manufacturers. By 2021, this percentage will reach 100%, while even more challenging goals have already been set for 2025, with a 15% reduction of the 2021 emissions level, and for 2030, with a 30% reduction of the 2021 emissions level.

Since the first CO₂ European Regulation in 2009, huge investments and efforts have been made by the whole automotive industry to achieve these goals, with great results. In Italy, for example, the 2015 CO₂ European target of 120 g/km was reached in advance by Italian new car market, whose average emissions were 118.1 g/km already in 2014. Moreover, the average CO₂ emissions of newly registered cars in 2019 were 119 g/km, while in 2009 they were 136.3 g/km: a decrease of 17.3 grams.

At present, electrified vehicles are necessarily the main driver to achieve next challenging goals, but they have to be considered as part of a holistic framework, including incentive schemes to encourage alternative fuel vehicles demand, infrastructures development, renewal of cars in use. For CO₂ emissions regulation, as well as for other European new standards like Euro 6 final, mandatory for all newly registered cars from 2021 on, and Euro VI for heavy duty vehicles, a regulatory relief should be taken into consideration by European institutions.

The lockdown and productive braking period of past months and the present economic crisis have put automotive companies in a very difficult situation, slowing down both R&D and testing activities that are essential to face such changes in regulation”.

The event has been sponsored by: Agrati, Dallara, FCA, Industrie Saleri Italo and SKF - as “platinum sponsors” - and by: Altair, Aptiv, Convergent Science, DTS, Engys, Eurotranciatura, Italdesign, M.T.M., Panzeri, Powertech Engineering and Synergie.

Agrati, Altair, Dallara, Engys, Eurotranciatura, Ferrari, M.T.M., Powertech Engineering, SKF and Synergie were the companies involved in the new “Talent Talks” sessions with students.



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ANFIA - Italian Association of the Automotive Industry - is one of the leading Italian Trade Associations, members of CONFINDUSTRIA.

Born in March 1912, over these one hundred years, ANFIA mission has always been to represent the interests of its associate members and ensure effective communication between the Italian motor vehicle industries on the one hand, and the Public Administration and Italian political bodies on the other, with regard to all technical, economic, fiscal, legal, statistical and quality-related issues referred to the automotive sector. The Association is structured in three product-based Groups, each one chaired by a President. Components: motor vehicle parts and components manufacturers; Car Coachbuilders and Designers: companies working in the sector of design, engineering and style of motor vehicles and/or parts and components for the automotive sector; Motor vehicles: motor vehicles manufacturers in general, including trucks, trailers, camper vans, special means of transport

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The Automotive Production Chain in Italy

5.529 companies

274.000 employees (direct and indirect), more than 7% of the employees in the Italian manufacturing sector

105.9 billion Euros of turnover, which means 11% of the Italian manufacturing sector turnover and of 6.2% of the Italian GDP

76.3 billion Euros of tax levy of motorization