Co-financed by the Connecting Europe Facility of the European Union

DYDAS is the technical partner of **ANFIA Next Mobility Hackathon 2022**, the international event promoted by ANFIA's Car Design & Engineering Group, as an expression of companies active in concept design, model making, engineering, testing and in the design and production of special vehicles. The initiative, open from **1 March until 31 May 2022**, is aimed at creating a new era for mobility and to collect, share and evaluate all innovative ideas and projects aimed at developing new ways of understanding means of transport (cars, motorcycles, collective transport, etc.).
Young people with a minimum age of 18 from different countries from the following fields are invited to participate by presenting their ideas: design schools, engineering faculties, web / mobile designer, UX / UI, Marketing, young people active in the humanities and Data scientist. The participants, organized in multidisciplinary teams of max. 5 people, with both technical and commercial components, will have to develop solutions with a futuristic perspective, trying to imagine the mobility of the future.

The 4 issues addressed by the ANFIA Next Mobility Hackathon 2022, dedicated to the Automotive, are, in fact, truly far-sighted: **#1 contribute to building a new smart city and to offer citizens Mobility as a Services (Maas)** alternative solutions to the car private; **#2 propose electronic solutions and software for autonomous vehicles**; **#3 designing a new way of experiencing mobility that mixes new forms and innovative technologies**; **#4 identify innovative and disruptive engineering and technological solutions for vehicles projected to 2050** capable of supporting new trends and also contemplating connectivity services, electrification, autonomous driving, sharing mobility and health safety aspects brought to light in the period of the pandemic by Covid -19. It is therefore a question of helping to activate a renewal process that involves the design of the vehicle from the point of view of design, engineering and customer experience.

The Hackathon takes place on a web platform allowing both communications, the collection of ideas and the awarding of the finalists. On the web platform, with the support of social media, users will be able to register and vote for the most interesting proposals, contributing to the work of the technical jury, made up of members from the academic and business world.
The entire organization of the ANFIA Next Mobility Hackathon is managed through the resources and structures made available by ANFIA and its Members. DYDAS, as a technical partner, in addition to the provision of a collaborative platform to offer data, algorithms and analysis processing based on Big Data, Machine Learning (ML) and Artificial Intelligence (AI), will offer participants webinar opportunities to know the point of view of the experts of the sectors involved.

Access to the Hackathon is free and registration is required via the following link

To request access to the beta version of the DYDAS platform for the management of large volumes of data, you can request access credentials by writing to: info@dydas.eu

For more information and updates:
Site of the "DYDAS" project: www.dydas.eu / LinkedIn: DydasEU2020

Below the ANFIA press release

Press Release

ANFIA NEXT MOBILITY HACKATHON 2022: A NO BOUNDARIES CONTEST

The second edition of the contest promoted by ANFIA's Car Design & Engineering Group, which invites young people to measure themselves against the most innovative trends in electrification, autonomous driving, engineering, design and safety.
"Data and MaaS", "Electronic and software solution for autonomous vehicles", "Design for a new way to live the mobility" and "2050: innovative approach for a new vehicle" are the four challenges for the future of mobility that constitute the categories of the competition

#ANFIAHackathon22

Turin, January 24th 2022 – The second edition of the **ANFIA Next Mobility Hackathon**, an initiative promoted by the Car Design & Engineering Group of the Association as an expression of companies active in concept design, modelling, engineering, testing and the design and production of special vehicles, and dedicated to students of Italian and foreign engineering universities and design schools, as well as marketing experts and data scientists, called upon to measure themselves against the most innovative trends in electrification, autonomous driving, engineering, design and safety.

"In the last years, the way in which we live in cities and use transport systems is changing significantly - says **Silvio Angori, ANFIA Car Design & Engineering Group President** - *and the world of engineering & design, thanks to its know-how and innovative approach, can play a primary role in the technological and energy revolution that has already begun. Therefore, keeping the same goal of the first edition of the Hackathon - i.e. identifying new solutions to create a more efficient mobility, in line with the fight against climate change and exploiting the advantages of the most advanced intelligent technologies - we have decided to give an international scope to the contest, opening it up to students from all over the world.*
Another interesting innovation is the participation of students in teams with a maximum of 5 members, a highly educational experience based on the integration of skills, points of view and on teamwork, which will put them to the test in finding a winning synthesis".

In the 2022 edition of the Hackathon, **the topics available to students**, from which to choose for the presentation of innovative ideas and projects, which can then eventually be developed with the support of ANFIA Associates and sponsors of the initiative, will increase from three to four. The student teams' proposals will be evaluated by the event's Technical Scientific and Evaluation Committee, made up of experts in the

mobility sector from ANFIA member companies and from the academic and industrial world.

The **Data and MaaS - Data in mobility innovation** theme focuses on how the use of big data and artificial intelligence can help create a new "smart city" and how they can offer to citizens Mobility as a Service (MaaS) solutions as an alternative to private cars.

The **Electronics and Software solution for Autonomous vehicle - Autonomous Vehicle Technologies** theme refers to the technological innovation gap that still prevents the automotive industry from moving from today's autonomous vehicle prototypes to safe autonomous driving solutions to be put on the market. Many investments in research and innovation are still needed to overcome those challenges that currently do not allow to produce perfectly safe level 4 and 5 autonomous vehicles.

The **Design for a new way to live the mobility - Creating the Future of Mobility** focuses on the future of mobility innovation, which will require a complete rethink in all aspects, from vehicle ownership/use models to interfaces. Today's consumers are very sensitive to the quality, convenience and environmental impact of mobility, and with the rise of disruptive business models such as ride-sharing apps, experience design is becoming more important than ever before.

In the end **2050: innovative approach for a new vehicle - Innovative engineering solutions for a vehicle projected to 2050** theme focuses on the imagination, without regulatory constraints, shape or size, of a completely new type of vehicle, for the transport of passengers or goods, taking into account all possible technologies, already existing or not, that can be implemented at the level of connectivity services, autonomous driving and even sharing mobility.

Among the communication tools of the initiative, this year also Telegram shows up, the open-source instant messaging and broadcasting app that, allowing to organize public and private groups and channels, will strengthen the actions of promotion and diffusion of the contest.

From today until February 21st, registrations for the contest are open on the event's web platform (https://www.nextmobilityhackathon.com/), where it will be possible to register both as a "team" and as an "individual", and then take advantage of the "partner search" option. **At the end of February**, the initiative's tutors will proceed to define the actual competing teams.

From March 1st to May 31st, 2022, it will be possible to upload the project proposals on the event website. The first three classified projects will receive a cash prize[1]**.**

All those who wish, will be given the opportunity, by registering on the web platform and with the support of social networks, **to vote for the most interesting proposals, in order to draw up a ranking according to the judgment of the online community**, which the jury of the event will take into account in the final evaluation.

[1] Or award of equal value.

Sponsors who supported the contest in 2021 are reconfirmed also for this edition: **Ask Industries, Bylogix, Blue Engineering, Cecomp, CSI, Denso, Italdesign, Pininfarina, Agrati, Au-To Consorzio, Equinix and Synergie Italia.**

The sponsorship campaign is still open to all companies interested in joining.

The initiative is also supported, as in 2021, by **the Turin National Automobile Museum** and the **Torino Wireless Foundation.**

Auto Tecnica, Dealerlink and Fleet Magazine are the official media partners of the event.

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ANFIA – Italian Association of the Automotive Industry
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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Car Design & Engineering ANFIA Group

The Group includes around thirty companies, the majority of which are based in the Northwest of Italy and are active in concept design, modelling, engineering, testing as well as the design and production of special vehicles. Italian car design has always had strong roots in the North-West of the country and is a unique example of territorial concentration of the different forms of know-how that belong to the world of motor vehicles. This is a large area that has been able to invest, well before others, in the planning of systemic activities - the design of a vehicle from the blank sheet to production - thus becoming a global reference point. The group's ethos is based on the enhancement of its diversity and the complementary skills and specializations of its member companies.

The Automotive Production Chain in Italy
5,156 companies
268,300 employees (direct and indirect), 7% of the employees in the Italian manufacturing sector
92.7 billion Euros of turnover, which means 9.3% of the Italian manufacturing sector turnover and of 5.2% of the Italian GDP
76.3 billion Euros of tax levy of motorization