

AMZ News

CHRISTMAS GREETINGS



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The festive season - AMZ Style

As the year slowly draws to a close and cities are gently wrapped in the warm scent of mulled wine, shimmering lights adorning streets and squares, our workspace smells a little different: of ambitious deadlines, buzzing energy, and ever-growing to-do lists pinned diligently to computer screens. As a team and association, we look back on an exciting, demanding, and ultimately rewarding year in which – thanks to your invaluable support – we successfully shook up the Formula Student competition with our car *aurora*.

The name of our new car - nera

Following our decade-long tradition of naming our race cars after mountain peaks, we are proud to unveil the name of our newest car: nera. Inspired by Roccia Nera, a striking alpine summit rising to 4'073 meters above sea level. With nera, we continue our tradition of naming not just a car, but a vision - one that stands firmly grounded, yet always striving for the summit.

From the first idea to final concepts

In mid-September, the new team officially kicked off and defined its goals - ambitious, challenging, and intentionally bold, as the footsteps left by *aurora*'s successful racing season were

undeniably large. Yet the team has proven its ability to handle pressure with confidence and composure, remaining level-headed even in demanding situations. This became particularly evident when new regulations forced fundamental changes upon the aerodynamics and suspension modules.

Once everyone had familiarized themselves with their respective responsibilities, the first designs quickly followed. From rough sketches, daring ideas, and courageous concepts, a clear and coherent vision of our new race car has emerged over the past months. At the end of November, each team member presented the final concept decisions of their work package - an important milestone preceded by countless iterations, intensive testing, and more than a few late nights.

We are currently entering the final sprint toward the design freeze. Achieving this requires the full creativity, collaboration, and perseverance of the entire team. Regardless of the outcome of the occasional passionate debate, team spirit remains strong, and anticipation for the next phase continues to grow.

From mouse clicks to titanium chips

The design of many components is already approaching completion and will culminate in the so-called bootcamp before the new year, enabling us to enter the manufacturing phase on schedule. This step is crucial - not only for the success of the upcoming season, but also for the personal and technical development of every team member. For many, this marks the first time manufacturing real, tangible parts far removed from the lecture hall.



From January onward, CAD models, each meticulously refined through countless hours of work, will be brought to life, eventually finding their final place on or inside our new car, nera. The coming months will be filled with long hours in the workshop, problem-solving, testing, refining - and, of course, the moment everyone cherishes most: holding the very first finished part in their hands. Until then, there is still plenty of work ahead, and the entire team is highly motivated to tackle the next steps with the familiar blend of determination, enthusiasm, and passion.

Thank you to our sponsors

Even though our Christmas break will be a short one, we would like to take this opportunity to express our sincere gratitude. A large share of the components, ideas, and progress of this project would not be possible without your generous support - be it through parts, expertise, manufacturing capabilities, or financial contributions. You are an essential part of our success, and we truly appreciate your role in helping us bring our 19th vehicle to life.

We wish you joyful holidays, a restful and peaceful time with your loved ones, and a successful start to the new year. We look forward to sharing first impressions from manufacturing with you very soon and to taking the next exciting step together towards the rollout.

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