



SHAPING THE FUTURE OF MOBILITY

Mobility is the buzzword of our time: it is the key to a functioning society, responsible for a flourishing economy – and the basis for a global, agile culture. We have made it our mission to optimally shape the future of mobility with you. Because ARISTHODOS comes from ancient Greek and translates as “the best way”. And that is exactly what we would like to show you.

Our core team of engineers, economists, business developers and lawyers is supported by a flexible network of experienced professionals in mobility-related fields and IT. Accomplished TIC experts help put certified solutions on the track and on the road. Due to this flexibility, we are quick to react and extremely agile.

At ARISTHODOS we look at problems from different perspectives, aim for holistic solutions and for the best way to get there. Our flexibility allows us to provide you with a bespoke team of experts able to provide the hands-on support you are looking for. Teamwork, a problem-solving approach, eye-to-eye partnership and commitment are the pillars of our success.

A CLEANER FUTURE

Fuel cells or lithium-ion batteries: Whether buses, trains, trucks or cars, the shift to zero-emission drive technologies is rapidly progressing.

Which way is the best way to go? Are new vehicles the only choice or is a conversion of existing vehicles to zero-emission feasible? ARISTHODOS can point out options, do an independent feasibility check and guide you through each step of the journey to zero-emission vehicles and to a sustainable fleet.

BETTER DIGITALISATION

Digitalisation offers a unique opportunity to fundamentally rethink business cases and processes. At ARISTHODOS we focus on the question whether digitalisation creates added value.

Will digitalisation increase efficiency? Will it improve the level of security or enhance the customer journey? We put our experience in developing digital business models and optimizing business processes to use when helping you maximize the success of your digitalisation project.

RELIABLE PREDICTIONS

Thinking and acting with foresight – that’s the routine when our team gets to work. And that’s what you would expect, when you hear the buzzword ‘predictive maintenance’.

Thanks to our IT experts from the ARISTHODOS network we are practised in collecting, transmitting and evaluating mobility data. We help provide actual facts in a timely manner to decision-makers so that they can act with foresight. That’s the key to a successful predictive maintenance scheme.

A TOUGH FOCUS: ZERO-EMISSION TIL 2030

In the EU the demand for zero-emission vehicles in public transport is driven by the „Clean Vehicle Directive“. Since August 2021 at least half of the buses procured for public transport must be zero-emission vehicles. Notwithstanding, the zero-emission trend is rapidly growing as rising environmental awareness triggers the urgency to act at a global level. In the EU alone, the minimum targets for low-emission and zero-emission buses in the local public transport are 45% by the end of 2025 and 65% by the end of 2030.

Battery or hydrogen, bus or train: fleet conversion to zero-emission requires massive investment. Profound market insight, consolidated technical knowledge and appropriate consideration of all the determining factors are vital to making the right decision. Buying new vehicles may sound easy, but it does not necessarily have to be the best way forward. Converting existing fleets by replacing the internal combustion engine with a zero-emission drive train might be a good alternative. However, not every vehicle can be converted and from an economical viewpoint not every vehicle is worth converting.

While the focus is often on the vehicle, a switch to zero-emission involves more. It impacts fueling and maintenance infrastructure and is likely to have an impact on routing and timetabling.

OUR PROJECT PROCESS: TRANSPARENT AND EFFICIENT

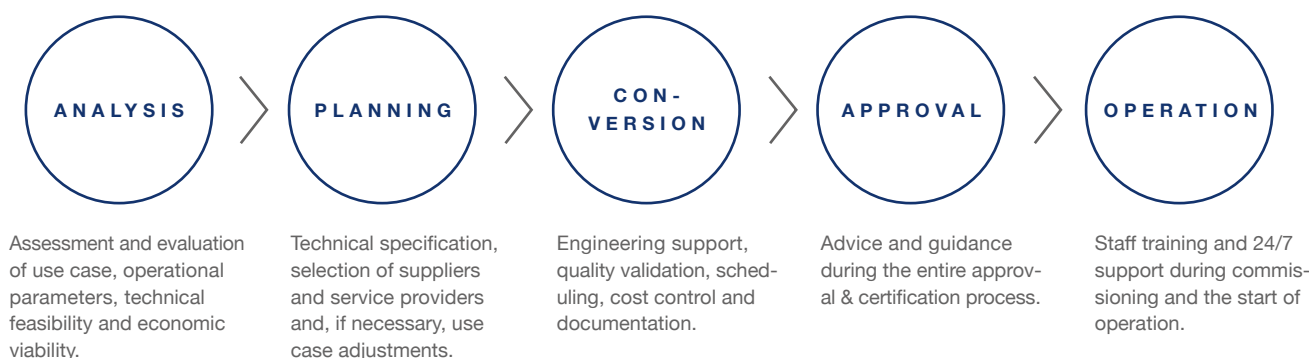
Our network team has unrivalled experience and the necessary interdisciplinary skills to provide information, advice and hands-on support. Starting with a use case analysis along with an independent technical fleet assessment and continuing down the road until you make a well-founded decision.

In case you decide for a conversion, we will help you plan each step, find qualified suppliers and service providers and obtain all the necessary certifications.

And it doesn't stop there: We can provide engineering support, quality assurance and RAMSS-based risk assessment services, a methodology that is intended to help prevent errors already in the planning phase of projects (RAMSS: **R**eliability, **A**vailability, **M**aintainability, **S**afety, **S**ecurity). With a comprehensive understanding of both, public transit and rail operations, our experts will look at safety and security aspects, help plan charging or fuelling infrastructure, develop and execute staff training programs and manage stakeholders.

We at ARISTHODOS are proud to be totally independent and strictly neutral. We promise our advice is not driven by a hidden agenda to sell a product.

The ARISTHODOS process is transparent, efficient and designed to get the job done right.



ARISTHODOS
THE BETTER WAY

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