

# Development and Feasibility Studies

Applus+ IDIADA provides comprehensive feasibility studies to support the development of automotive testing facilities.



Our team is equipped with the expertise to perform market studies, define test requirements, analyze regulations, and benchmark test facilities worldwide.

## Market study

Based on our own knowledge of the automotive market, we start our feasibility studies by conducting an **automotive market study** to identify the latest trends and technologies in the industry. This enables us to understand the current and future needs of our clients and develop customized solutions to meet those needs.

## Understanding testing needs

Next, we define the automotive **test requirements** for each project. Our team works closely with our clients to understand their testing needs and develop a comprehensive list of tests that need to be performed. We consider the latest technologies and industry trends to ensure that our clients' testing needs are fully met.

## Benchmarking

We **benchmark** test facilities worldwide to identify best practices and incorporate them into our clients' projects. This enables us to deliver state-of-the-art testing facilities that meet the highest standards in the industry.

## Regulation analysis

Our team analyses current and future regulations in the automotive industry to ensure that our clients' testing facilities meet all necessary requirements. We work closely with our testing experts in the automotive field to develop a comprehensive **understanding of the latest regulations** and incorporate them into our clients' projects.

## Master plan design

As part of our feasibility study process, we generate a layout or **master plan** for each project. This plan includes a detailed analysis of the site, identifying the best location for each testing facility and equipment. We work closely with our clients to understand their specific needs and requirements, and incorporate them into the layout or master plan.

Our team takes into account factors such as available space, access to utilities, and environmental considerations when developing the layout or master plan. We also consider the latest technologies and industry trends to ensure that the testing facilities are designed for **optimal performance**.

## Cost estimation and financial analyses

We provide **cost estimation** of the testing facilities to ensure that our clients have a clear understanding of the budget required for each project. Our team works closely with our clients to identify the specific testing requirements, and then develop a detailed cost estimation for each facility.

Applus+ IDIADA has extensive experience in conducting **financial analysis** of test facilities, including cost-benefit analysis, and CAPEX and OPEX. This includes analysing the costs of ramping up and operating a test facility, as well as developing revenue projections and return on investment estimations. This provides clients a complete picture of the costs and benefits associated with building and operating a test facility, and helps them make informed decisions about how to allocate their resources.

The financial analysis can be complemented by the proposal of different **business models** for test facilities, based on our own experience in operating different centres around the world.

Our team works closely with our clients to define **priorities** and establish a **project planning** that ensures that the project is completed on time and within budget.