

STA Certified Programme in Road Infrastructure Safety Management

Road safety still constitutes a **major societal tragedy** at the global scale. In view of the need for a sustained effort in driver training and enforcement programmes, and taking into consideration that the massive deployment of new car technologies requires an important phase-in period, solutions acting directly on the road infrastructure itself are gaining ground, as they bring the advantage of a rapid implementation which derives in immediate social benefits.

The overall objective of the **STA Certified Programme in Road Infrastructure Safety Management** is to provide participants with a broad understanding of the main road infrastructure safety measures available in the light of *international best practices*.

Up to 50 participants	Duration: 5 days (40 hours)
<p>Target groups</p> <ul style="list-style-type: none"> ▪ Transport Ministries ▪ Road Directorates ▪ Road research laboratories ▪ Engineering consultancies ▪ Road equipment manufacturers ▪ Contractors / concession operators ▪ Students (departments of civil & mechanical engineering) 	<p>Areas of knowledge</p> <ul style="list-style-type: none"> ▪ Some international and national regulations have laid down the guidelines for conducting systematic road safety impact assessments, audits and inspections at the planning, design, construction and operation stage of roads by qualified teams of experienced auditors. It is a priority to understand how to proceed with an effective implementation of the former to secure a substantial reduction in road victims and fatalities. ▪ High-quality signposting, containment systems, pavements, lighting devices and ITS solutions reduce both accident rates and their severity. ▪ Road accidents are influenced by a number of quantitative and qualitative factors. It is a priority to understand correctly the representativeness of the different types of accidents in order to define the most effective guidelines and measures to be adopted
<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Define the role of road infrastructure safety in the context of a safe, sustainable and intelligent operation of road traffic ▪ Understand and assess the potential of the different road infrastructure safety technologies available ▪ Decide which road infrastructure safety solution is most appropriate for a given situation ▪ Build and implement comprehensive road infrastructure safety management strategies ▪ Decide the most appropriate regulatory and standardization courses of action 	