

STA Certified Programme in Pavement Construction and Maintenance

Pavements are the part of the road interacting with the user and, therefore, condition the comfort and safety of motorists. In addition, road pavements, together with structures, probably constitute one of the most influential issues in road maintenance and exploitation. Consequently, a deep knowledge of best practices in pavement design, dimensioning, maintenance and rehabilitation is necessary to carry out an efficient management of a road network.

The overall objective of the **STA Certified Programme in Pavement Construction and Maintenance** is to provide participants with a broad understanding of pavement construction & maintenance techniques available in the light of *international best practices*.

Up to 50 participants	Duration: 1 day (10 hours)
Target groups <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)	Areas of knowledge <p>The Programme provides participants with practical knowledge regarding the construction of any kind of pavement and it covers three main areas of knowledge:</p> <ul style="list-style-type: none">▪ Design and construction of road subgrades.▪ Design and construction of road pavements.▪ Management and exploitation of road pavements.
Outcomes <ul style="list-style-type: none">▪ Understand the pavement design options available: advantages and disadvantages.▪ Decide which kind of pavement is the most appropriate for a given situation.▪ Build and implement comprehensive road pavement management strategies.	