

# FROM THE MIND OF THE INEXPERIENCE TO THAT OF AN EXPERT THROUGH CRITICAL THINKING AND FORMULATING THE QUESTION?

F SLABBERT<sup>1</sup> and A ROBINSON<sup>2</sup>

<sup>1</sup>SAICE; Email: [friedrich@sciendum.co.za](mailto:friedrich@sciendum.co.za)

<sup>2</sup>South African National Roads Agency

## ABSTRACT

This workshop deals with the fundamental matters that are often given insufficient attention while executing transport related projects. It is applicable to both young and experienced practitioners working in a transport related field.

An objective is to illustrate why the start of a project needs more consideration and through Critical Thinking, which is intended to incorporate the “bigger picture” in all elements and stages of the design development to ensure the required and appropriate outcomes are achieved.

For the Young Professional: To see that their role is more than the completion of an individual task – they need to see and understand where the specific task fits in – see the bigger picture and ask questions.

For the Professional: To understand the inexperience of the young person – they are unconsciously incompetent although they would have specific topic knowledge.