

### Roadside Slope Protection with ACEMat™ R at Bustling Tourist Route in Taipei

#### ◆ Problem

Zhong-zheng First Rd in Taipei is the main road connecting Yingge and Shulin, and it's also the main transport route for the people who go to Yingge Ceramics Old Street from Taipei City. Due to there are always many people go sightseeing by car on holidays, it's very important to ensure the road safety in this section.

Even if this section is not located in the high altitude mountain, the soft soil character and the rain erosion cause the slope instability and the difficulty for vegetation. Therefore this road section has been become a threat to the safety of passers-by and the soil loss.



#### ◆ Solution

This project applies ACEMat™ R to pave on the road slope in order to reduce rain erosion and increase anti-erosion on the slope. With Net Straw Blanket and hydro-seeding method, ACEMat™ R not only increases the stability which the seeds attach to the slope, but also provides a place to grow plants. Using ACEMat™ R is enhancing effectively the slope stability, and meanwhile improving the vegetation situation. Moreover, it makes the slope returning to the naturally vegetated appearance, and performing well in this road section even it has already suffered by much rain erosion.

