

# **The Regional Development Plan**

## **1. Evaluation of the land use conversion of non-urban lands**

Since the implementation of regional planning in Taiwan, non-urban lands of 10 hectares or more have been mainly converted to slope residential communities, golf courses, university, amusement and recreation land, special business or usage land and industrial land. In 2004, 18 land use conversion applications for non-urban lands of 10 hectares or more had been approved. This effected the conversion of 1,157.11 hectares of non-urban lands.

## **2. Construction surplus soil and filler soil.**

In Taiwan, due to rapid development of social and economic activities, general construction projects and public development projects have continued to increase and an astronomical amount of surplus soils have been generated out of these constructions. In 2004 the total annual construction surplus soil production volume amounted to 33,485,000 cubic meters, or 5.1 times of the amount of filler soils needed (6,627,000 cubic meters). A breakdown of the surplus soils shows that 16,196,000 cubic meters, or 48.37%, were building construction surplus, and 17,289,000 cubic meters, or 51.63%, were public construction surplus. An analysis of the construction surplus soil quantities showed that the public construction surplus was 1.1 times of that of building construction projects. On the other hand, 431,000 cubic meters, or 6.50%, of filler soils were required for building construction projects, and 6,196,000 cubic meters, or 93.50%, were required for public construction projects. The filler soil requirement for public construction requirement was 14.4 times of that for building construction requirement.

Establishments where construction surplus soil resources are temporarily stored, stocked, buried, transported, recycled, classified, processed and reused are called soil resource fields. As of yearend 2004 there were 138 government-approved soil resource

fields in Taiwan with a total area of 565 hectares and a total available capacity to contain 62,710,000 cubic meters of soils. Yunlin County topped the list with 22 such establishments, followed by Taipei County (15) and Penghu County (12). At present only Changhua County and Chiayi City are without soil resource Fields.