

## **TS1 CHALLENGES FOR THE SUSTAINABLE DEVELOPMENT OF ROAD SYSTEMS**

This session dealt with two major themes to improve the governance and management of road administration: “Road financing” and “Efficient road administration”.

### **Recommendation for decision-makers**

As everyone present here agrees, road transport will continue to play a key role as the main mode of surface transport in the 21<sup>st</sup> century and will be supporting socioeconomic development. Through our discussions today, we, the road administrations, reconfirmed the significance of securing the funds for road system development, operation and maintenance.

In order to secure funding, we need to make every effort to gain user's support and understanding; they are the ones who are bearing the cost by means of taxation and tolls.

We should further undertake efficient operation by outsourcing and privatisation to use our financial resources more effectively, and at the same time, we should meet the needs of users by improving accountability for mobility, safety and the environment.

### **Technical aspects**

More efficient operation is needed to use our financial resources effectively. Outsourcing a part of the business or privatisation is progressing. Governance for road development, operation and maintenance becomes important. With regard to the performance management making use of performance measurement, great results were attained by technical committees including the collection of data for performance measurement indices during this mandate. It is highly desirable that many countries will apply performance measurement and indices to the targets for road development, operation and maintenance to improve accountability to our stakeholders.

Also, with regard to road operation, many countries are applying ITS technologies as a solution for improving mobility, safety and the environment. There still exist various difficulties; nevertheless, we should make continued effort for promoting their deployment.

### **Recommendation for PIARC**

PIARC should publicize to the world the needs for road financing, taking into consideration the outcomes gained from the studies in this four-year term. In particular, for developing countries, there is a pressing need for road financing for maintenance and repair works. Further study on PPPs is necessary as a new method for procuring funds and for risk sharing between the public and private sectors, as it is an important field.

Also, it is important to reinforce our activities for the promotion of improving governance. The data collected on performance indicators during this term is very interesting. As our future challenge, we need to further develop performance measurement for social and environmental aspects to work towards more efficient operation and management.