



RECORD ATTENDANCE AT ASIA 2016  
REFLECTS INTERNATIONAL INTEREST IN  
SOUTH EAST ASIAN HYDRO DEVELOPMENT



Takashi Akiyama of Japan, representing the International Energy Agency Technology Collaboration Programme on Hydropower (IEA Hydro) at the opening session of ASIA 2016, presenting the final report of his IEA Hydro Annex XI on the Renewal and Upgrading of Hydro Plants. The Report covers policy and management strategies, as well as innovative technology, and has been based on an analysis of 10 selected case studies.

#### **IEA Hydro: Upgrading hydropower plants**

While much of the ASIA 2016 discussions focused on the potential for new developments, the first speaker in the second part of the plenary session drew attention to the importance of maintaining, renewing and upgrading existing hydropower assets. Takashi Akiyama, the Operating Agent for IEA Hydro 's Annex on this topic, presented the Final Report of his Annex. He noted the growing concerns in industrialized nations about ageing hydropower facilities, coupled with the growing expectations for hydropower as a future key player in a low-carbon society.

The work of the IEA Annex, he said, had involved gathering good case histories from around the world on the renewal and upgrading of hydro plants; the information was to be used to identify and convey effective policies, and to promote support measures and innovative technologies to nations around the world.

Akiyama gave details of the typical triggers which lead to the need for upgrading, and then summarized the conclusions of the research in terms of public policies and management strategies, and also technologies and innovative systems which had been applied.

In the final part of the plenary session, various invited speakers from countries at different stages of hydropower and water resources development presented short national overviews of current activities and future priorities in their country.

