VOL 23 Spring 2006 Total No83

SHP in China

HRC's Annual Report for 2005 and the Working Plan for 2006

A New Approach for SHP International Training 8

Hangzhou, Our Dream City Forever! 10

SHP Development and Programme Worldwide

Flowing to the East — Small Hydro in Developing Countries

Hydroelectric Power Capacity on the Rise 15

Small Hydro Power Development in India—Private Sector Participation 16

Environmentally Adapted Hydropower in Sweden 19

Sediment Problem at Älvkarleby
Power Station 25

Executive Editor-in-Chief: Zhao Jianda

Tel: 86-571-88082848

jdzhao@hrcshp.org



2005, A Fruitful Year for HRC!

The annual report of HRC is published in this issue. HRC has scored a great deal in 2005. Two International Training Workshops on Small Hydropower respectively for African countries (French) and Asia-Pacific countries (English) were implemented with success. The international cooperation has been intensified with the successful exportation of the equipment to Sri Lanka, Turkey, Japan, Vietnam etc. Visits in and out have promoted the mutual understanding and further expanded the external influence of HRC.

Flowing to the East—Small Hydro in Developing Countries

While the growth of small hydro has slowed in Europe, things look very different in Asia. The region accounts for two-thirds of the world's hydro capacity, far from slowing down and is enjoying robust growth. **Simon Taylor, Drona Upadhyay** and **Maria Laguna** write this review.

SHP Development in India —Private Sector Participation

With the dawn of liberalisation policy in India, power sector is attracting private participation in a big way. A technically sound programme with entrepreneur's friendly environment conducive power policies are likely to spin off an entirely new techno commercial scenario paving the way for attractive business opportunities in Small Hydro Power Sector.

Environmentally Adapted Hydropower in Sweden

The alteration of watercourses has been extensive in Sweden as well as in other industrialised countries. Since the end of the last century about 2500 lakes have been lowered in order to reclaim farmland. More than 600 of these have been completely drained. This particular activity came to a halt at the end of the 1950s whereas the ditching of wetlands and dredging and channelisation of watercourses for the benefit of forestry are still ongoing activities. The regulation of rivers for the purpose of meeting differential needs of hydroelectric power commenced in the beginning of this century.

Björn Svensson writes this review.

INSIDE FRONT COVER: About the "Small Hydropower"

INSIDE BACK COVER: About the Newsletter

BACK COVER:HRC Scope of Business

Editorial Office Add.:P.O.BOX 1206, Hangzhou, China Zip Code:310012 Tel.:86-571-88082848 Fax::86-571-88062934 E-mail:shpnews@hreshp.org http://www.hreshp.org/shp

Published by SHP NEWS Editorial Office

Hangzhou Regional Centre (Asia-Pacific) for Small Hydro Power 122 Xueyuan Road, Hangzhou 310012, People's Republic of China Supported by UNDP/ESCAP
Regional Energy Development
Programme (REDP) in association with UNIDO
ISSN 0256-3118