International Hydropower Association (IHA)

Who are we?

• Non-governmental mutual association of organizations and professionals working or studying in the hydropower sector.

• Founded in 1995, under the auspices of UNESCO, to advance knowledge on all aspects of hydropower and to promote good practice.

• Main objective:
  “Advancing Sustainable Hydropower”
1800 Members in 83 Countries
including 106 corporate organizations
and 12 Sponsors
International Hydropower Association (IHA)

Vision statement

Advancing hydropower’s role in meeting the world’s water and energy needs by:

• Championing continuous improvement and sustainable practices

• Building consensus through strong partnerships with other stakeholders

• Driving initiatives to increase the contribution of renewables, especially hydropower.

Advancing sustainable hydropower
Elected IHA Board Members 2005-2007

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Hydro in the second half of the 21st Century

Current contribution, 2004
2743 TWh/y

Future contribution, >2050
6600 TWh/y
Main uses of dams, by region

N&C America
- Flood control (FC): 13%
- Irrigation (I): 40%
- Multi-purpose (MP): 11%
- Other (O): 11%
- Drinking water (DW): 10%
- Hydropower (H): 11%

Africa
- Flood control (FC): 1%
- Irrigation (I): 50%
- Multi-purpose (MP): 21%
- Other (O): 20%
- Drinking water (DW): 2%
- Hydropower (H): 6%

Asia
- Flood control (FC): 2%
- Irrigation (I): 63%
- Multi-purpose (MP): 20%
- Hydropower (H): 7%
- Drinking water (DW): 2%
Pumped-storage cycle
Thank you for your attention

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