

# COMING SOON!

## WORLD SMALL HYDROPOWER DEVELOPMENT REPORT 2013

Knowledge Platform  
[www.smallhydroworld.org](http://www.smallhydroworld.org)



### A world-first assessment on the global status of small hydropower

As a leading United Nation agency in the provision of renewable energy solutions for inclusive sustainable industrial development, **UNIDO** is collaborating with the **International Center on Small Hydro Power (ICSHP)**, based in China, to develop a small hydropower knowledge portal [www.smallhydroworld.org](http://www.smallhydroworld.org) and to publish the *World Small Hydro Development Report 2013*. This flagship assessment of UNIDO is a world-first compilation of global small hydropower data, and will be a crucial policy and investment guide for renewable energy provision through small hydropower. It aims at identifying the world's small hydropower development status and its potential in different countries and regions by engaging with stakeholders to share information.

### Small hydropower is one of the most suitable energy solutions for fostering inclusive sustainable development and industrialization.

Small hydropower is a mature technology that can be easily operated and maintained. It has the lowest electricity generation prices of all off-grid technologies, and has the flexibility to be adapted to various geographical and infrastructural circumstances.

### Information is the first essential step for policy and investment decisions.

Much of the world's small hydropower potential remains untapped. First step to remedying the situation is through dissemination of reliable data that can inform policy development and energy planning, as well as guide investors in entering renewable energy markets.

### Global data on small hydropower by region and country is provided.

The assessment is based on the contribution of more than 60 different authors or organizations. It contains 20 regional overviews and 149 country-level reports, which are available to the public. The report includes:

- discussions on the merits of small hydropower as a renewable energy option;
- an overview of the global status of small hydropower with a focus on the untapped potentials;
- an overview of small hydropower development status and potential for 20 geographical regions;
- analysis for 149 countries, including an overview of the power and electricity sector of each country, installed small hydropower capacity, and institutional climate for small hydropower development.

### Global distribution of small hydropower resource potential, defined as up to 10 MW



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## Key Findings

- 148 countries world-wide use small hydropower.
- 2011/2012 the installed small hydropower (up to 10 MW) capacity worldwide was over 75 GW.
- The small hydropower potential worldwide is estimated at approximately 173 GW.
- More than half of the known potential is located in Asia, almost one third in Europe, followed by North America. Future small hydropower potential might be identified in Africa, Latin America and the Caribbean.

The data is presented via a user-friendly interface for ease of viewing and understanding.

The compiled information is published electronically on a web-platform for ease of access and viewing. The web-based knowledge platform will go live in early 2014. The beta version is currently being tested.

The knowledge portal can be accessed at:  
[www.smallhydroworld.org](http://www.smallhydroworld.org)

The report will be updated biennially to provide current and relevant data.

To ensure that the data and information provided by the report is up-to-date, UNIDO and ICSHP will collaborate with national institutions to facilitate continuous monitoring and collection of small hydropower data. The changes will be reflected regularly on the webpage while a consolidated print version is planned to be available biennially.

## Join us!

UNIDO has the vision to play a special role in promoting a system of international dialogue and engaging small hydropower stakeholders from across the world to make this initiative a hub for all small hydropower related information. UNIDO and ICSHP are actively reaching out to more stakeholders and partners to provide relevant up-to date information in order to keep the website up-to date. This shall be a collaborative effort – you are invited to participate in extending the world's small hydropower knowledge base.

Contact us [renewables@unido.org](mailto:renewables@unido.org) or [report@icshp.org](mailto:report@icshp.org) to find out more.



### United Nations Industrial Development Organization

In linking the imperative of universal energy access with its mandate to promote and accelerate industrial development, UNIDO focuses on renewable energy as a prerequisite to poverty reduction through productive activities, and also as an integral component of inclusive sustainable industrial development. UNIDO is the only agency within the UN system mandated to assist member states with renewable energy solutions for productive uses.

[www.unido.org](http://www.unido.org)

### International Center on Small Hydro Power

Based in Hangzhou, China, ICSHP is a small hydropower technology centre that also serves as the headquarters of the International Network on Small Hydro Power (INSHP). In its 10-year existence, ICSHP has collaborated with UNIDO, UNDP and various national governments, NGOs, companies and communities to promote small hydropower around the globe, and has been involved in every stage of hydropower development.

[www.icshp.org](http://www.icshp.org)

