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## **SHP Worldwide**

### ***4th Hydropower for Today Forum in Abuja, Nigeria 16th -19th Sept 2008***

The 4th Hydropower for Today Forum was held in Abuja, Nigeria from 16th to 19th of September 2008. The Forum is carried out by the UNIDO Regional Centre for Small Hydro Power in Africa, African Energy Commission (AFREC), International Centre on Small Hydro Power in Hangzhou, China, with sponsorship from the Ministry of Water Resources of China, African Union, the UNDP Nigeria, the UNIDO, the INSHP, the Economic Community of West African States (ECOWAS), and Ministry of Energy of Nigeria. Nearly 100 participants from 30 countries have registered for the Forum this year.

The Hydropower for Today Forum has been successfully organized for 3 consecutive years by the INSHP in Hangzhou since 2005 as a global platform for government officials, policy makers and hydropower experts, especially in SHP field. This year the Forum is shifted to INSHP Regional Center in Nigeria with the theme of “Small / Mini / Micro Hydro Power Project Development and Management in Africa”. It is the first time that the Forum is organized in collaboration with the INSHP Regional Center worldwide and the local government. The innovation is also in parallel with the successful approval of the Lighting up Rural Africa Programme by the Chinese government and UNIDO.

Source: IN-SHP

### ***UNIDO to Collaborate with China on Environmental Programmes***

VIENNA, 7 November - During his official visit to China this week, the Director-General of UNIDO, Kandeh K. Yumkella met with the Deputy Director-General of the China CDM Fund Management Centre, Chen Huan. The purpose of this meeting was to finalize a Memorandum of Understanding for Cooperation with regards to climate change and the Clean Development Mechanism (CDM) between the two institutions.

Under the terms of the Memorandum, signed on 6 November 2008, UNIDO and the China CDM Fund Center will develop and implement a series of joint programmes and projects over the next three years, in line with the Fund's operational programmes and UNIDO's regulations, rules and procedures. The Centre is part of China's Ministry of Finance.

Activities will focus on capacity building, mitigation of and adaptation to climate change, transition to a low carbon economy, corporate social responsibility with regard to climate change, expanding transfer and adoption of technology and CDM.

On 6 November 2008, Kandeh K. Yumkella also met with the Minister of Commerce of China, Cheng Deming, and the Ambassador of Sierra Leone, Abdul Karim Koroma, to finalize the Memorandum of Understanding for the establishment of a small hydropower plant on the Bankasoka River, in Port Loko, Sierra Leone. This agreement was signed at a press conference held on the same day in Beijing, China.

As the first trilateral technical assistance project of its kind between UNIDO and the Governments of China and Sierra Leone, this project is expected to pave the way for further cooperation under UNIDO's 'Lighting-Up Rural Africa Initiative'. The Memorandum of Understanding itself is the result of a series of negotiations started in 2007. Construction of the 1,000 kW (2 x 500 kW turbine systems) hydropower plant is foreseen to start in December 2008. The plant should be operational by the end of 2009.

The energy sector in Africa, particularly the rural energy sector, is characterized by lack of access, low purchasing power and over-dependence on traditional fuels, such as biomass, for meeting basic energy needs. UNIDO's 'Lighting-Up Rural Africa Initiative' aims to build a number of small hydropower plants for rural electrification and productive uses in African countries with abundant small hydropower resources and, at the same time, large rural populations, which have yet to be connected to power grids.

Source: UN Information Service

### ***The UNIDO Centre for South-South Industrial Cooperation is officially opened***

The UNIDO Centre for South-South Industrial Cooperation (UCSSIC) was officially opened on 23 July 2008 in Beijing, China.

Beijing, 23 July 2008 - The UNIDO Centre for South-South Industrial Cooperation (UCSSIC) was officially opened on 23 July 2008 in Beijing, China. Ms. Qiu Hong, Assistant Minister of Commerce, and Mr. Wilfried Luetkenhorst, Chief of Cabinet and Director of the Bureau for Organizational Strategy and Learning, UNIDO, attended the ceremony.

The UCSSIC has been set up for the promotion of South-South cooperation in the field of industrial development. UNIDO believes that the essence of South-South cooperation is the effective utilisation of the wealth of knowledge and capacity in the South. When this is systematically mobilized and shared, it can facilitate and accelerate the gainful participation of developing countries in the global economy. A similar centre has been opened in India and others are planned.

These centres will act as platforms for facilitating investment and manufacturing trade partnerships among developing countries. They will thereby enhance the dissemination of valuable development experiences and technological progress gained in China and other industrially more developed countries.

According to Mr. Tan Weiwen, Director of UCSSIC, some immediate priorities of UCSSIC include application of new and renewable energy and development of agro-industry projects.

Source: UNIDO

### ***The EU-Africa Energy Partnership Launched***

More than 540 Millions people in Africa need access to renewable electricity must be the solution of first choice Good intentions are not enough.

The objective is improved access to reliable, secure, affordable, climate friendly and sustainable energy services and to boost investment in energy in Africa. This partnership will

involve €55m EC support programme for the period 2007-2011.

“But good intentions are not enough. We need rapid action. In Sub Sahara Africa more than 540 Million people live without electricity. Only 8 % of the rural population has electricity. That is why electrification must enjoy highest priority” underlines the President of the Alliance, Ernesto Macias. “Currently, only six African countries have integrated energy into their official country development strategies. This is absolutely insufficient” stresses Macias.

Renewable energies must become the first choice for rural electrification. They are not only more climate friendly but also more efficient than conventional systems. ARE calculations show that rural electrification systems which use renewable energies can break even after 3 to 6 years. Hence, access to electricity and the fight against climate change can be reconciled in a cost effective way.

Source: ARE

### ***The 10th Africa Energy Forum Held in Nice, France***

2nd - 4th July 2008: "The 10th Africa Energy Forum" was held in Nice, France. The Africa Energy Forum (AEF), launched in 1999, is Africa's premier annual power and gas investment and business forum, where governments and state utilities address the international energy community on opportunities available in Africa's power and gas sectors. The large gathering of decision makers increases the likelihood that business will be done, and feedback suggests that this is indeed so.

Source: ARE

### ***United Nations Day, 24 October 2008 Message of the Secretary-General***

"On this 63rd anniversary of our Organization, I join you in celebrating UN Day.

This is a crucial year in the life of our United Nations. We have just passed the midpoint in the struggle to reach the Millennium Development Goals -- our common vision for building a better world in the 21st century. We can see more clearly than ever that the threats of the 21st century spare no one. Climate change, the spread of disease and deadly weapons, and the scourge of terrorism all cross borders. If we want to advance the global common good, we must secure global public goods.

Many countries are still not on track to reach the Millennium Development Goals by the target date of 2015. I am also deeply concerned about the impact of the global financial crisis. Never has leadership and partnership been more important.

This makes our success at the high-level MDG event in September all the more remarkable. We brought together a broad coalition for change. Governments, CEOs and civil society. We generated unprecedented commitment in pledges and partnerships to help the world's poor.

The final tally is not in yet, but the total amount pledged at the MDG event may exceed 16 billion dollars.

Partnership is the way of the future. Just look at the advances on malaria. Our global malaria effort has brought us within range of containing a disease that kills a child every 30 seconds. It is

doing so through focused country planning. Greater funding. Coordinated global management. Top-notch science and technology.

We need models like these to tackle other challenges, including climate change, as we approach the conferences on Poznan and Copenhagen. We need them to achieve all the other Millennium Development Goals.

Let us keep building on this as a way forward. There is no time to lose. The United Nations must deliver results for a safer, healthier, more prosperous world. On this UN Day, I call on all partners and leaders to do their part and keep the promise."

Ban Ki-moon, UN Secretary-General

Source: UNIDO

### ***EUSEW 2009 Will Take Place in Brussel***

Under the umbrella of the Sustainable Energy Europe Campaign (SEE), the European Commission's Directorate-General for Energy and Transport, the European Institutions and major stakeholders concerned with sustainable energy are together putting on the third edition of the EU Sustainable Energy Week (EUSEW). It will take place in Brussels, Belgium, and in other cities across Europe from Monday 9 to Friday 13 February 2009, although many side events are foreseen during the weeks immediately before and after.

The EUSEW is the key annual reference point for sustainable energy issues in Europe. The events organised during EUSEW cover key topics that highlight the multi-sectoral nature of sustainable energy development and stress the need for everyone to work together towards a common goal.

Source: EUSEW

### ***African Bank Funds Niger's 125-MW Kandadji Dam, Ecosystems***

NIAMEY, Niger 11/6/08 (HCI) — The African Development Fund (ADF) has approved a combined loan and grant of 40 million Units of Account (UA) (US\$62 million) for the Kandadji Ecosystems Regeneration and Niger Valley Development Program.

Part of the funding is to help finance construction of the 125-MW Kandadji Dam on the Niger River. Niger President Mamadou Tandja laid the first brick of the project August 3, about 180 kilometers northwest of Niamey. The dam is due for completion in 2013.

ADF, the concessionary window of the African Development Bank approved a loan and a grant of UA20 million (US\$31 million) each October 29. The funding is to help provide solutions to the recurrent drought in Niger and the degradation of natural resources by regenerating the riverine ecosystems and boosting agricultural production with poverty reduction as the ultimate goal.

The program includes construction of a dam of 1.6 billion cubic meters for regulating the flow of the Niger River in order to provide the water needed for irrigation, drinking water, sanitation, ecology, grazing, and fisheries. About 629 GW•h of electricity will be provided

annually as a by-product that will make the structure as profitable as possible, the bank said.

The project's first phase is estimated to cost UA186.2 million (US\$290 million), about 56 percent of the overall cost of UA333.82 million (US\$519.8 million). Part of the ADF money will go to implementation of environmental and social plans and program management.

Earlier this year, the Arab Bank for Economic Development in Africa agreed to lend US\$10 million to Niger to help finance the first phase of the dam. Kandadji Dam also is being funded by the Islamic Development Bank, which has pledged US\$236 million. Financing for the hydropower station is due to come from a public-private partnership, the government has said.

Source: HIC

## **SHP in China**

### ***China Society of Hydroelectric Engineering Set up in Hangzhou***

At the special time of 30 years' anniversary of China's reform and opening-up, the whole hydropower sector is carrying out a nationwide activity of "study and practice the Scientific Outlook on Development" to promote the development and reform of China's hydropower industry. On Dec. 15th, 2008, SHP Special Committee of China Society of Hydroelectric Engineering was set up in Hangzhou.

Mr. Hu Siyi, vice minister of MWR, and Mr. Li Jugen, executive vice chairperson and general secretary of CSHE, attended the inaugural ceremony in person and delivered speeches. At the ceremony, Mr. Zhou Shangjie, deputy secretary of CSHE read to the audience the approval document of establishing SHP Special Committee and announced the members of the committee as well as the organization to which the committee is affiliated. In addition, some other leaders also addressed at the ceremony, including Mr. Tian Zhongxing, director of Bureau of Rural Hydropower and Electrification Development, Mr. Xu Wenbin, chief engineer of the Department of Water Resources of Zhejiang province, Mr. Liu Xiaotian, chief engineer of Bureau of Rural Hydropower and Electrification Development and Mr. Zhang Jianyun, director of Nanjiang Hydraulic Research Institute. Mr. Tian Zhongxing gave a keynote speech at the ceremony entitled "Small hydropower, big strategy". The ceremony is presided over by Mr. Chen Shengshui, deputy director of NHRI and director of HRC.

Leaders from Ministry of Water Resources and IN-SHP are also among the participants attending the ceremony. And some 75 representatives from 43 organizations including governments, institutes and universities in 23 provinces (autonomous regions and municipalities) nationwide are present at the ceremony. Congratulations are received from China Society of Hydroelectric Engineering and Zhejiang Provincial Society of Water Resources.

The inaugural ceremony is organized by National Research Institute for Rural Electrification (HRC), to which the committee is affiliated.

### ***International Conference on Dam Safety Management held in Nanjing***

Sponsored by the Ministry of Water Resources, P. R. China, the World Bank and the International Commission on Large Dams (ICOLD), and hosted by Nanjing Hydraulic Research

Institute (NHRI), the Dam Safety Management Center, MWR, P.R. China and the State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering, International Conference on Dam Safety Management was held in 23-24 Oct in Nanjing. Nearly 200 officials, experts and participants from about 20 countries and international organizations attended the conference. Over 30 experts gave presentations at the Conference and over 100 papers were issued.

Director of HRC Dr Chen Shengshui presented his paper titled "Impact & Analysis of 5.12 Wenchuan Earthquake to Zipingpu Concrete-face Rock-filled Dams" and answered questions from the audience.

In 17-25 Oct, Pan Daqing, Shen Xuequn and Zhang Hua from Foreign Affairs & Training Division of HRC participated in the organization work of the Conference.

## **HRC News**

### ***Attending Luncheon Given by the President of Pakistan***

On 15 October, Ms.Cheng Xialei, Deputy Director of HRC, and Mr.Pan Daqing, Head of Foreign Affairs and Training Division, attended the luncheon given by Asif Ali Zardari, the President of Pakistan. The luncheon was held in the Fangfei Garden in Beijing Diaoyutai State Guesthouse. Over 300 representatives from some 100 institutions attended the luncheon.

On 18 October, Dr. Kamal, Energy adviser to the President of Pakistan, and Mr. Tallae, Technical Counsellor of Pakistani Embassy to China received Ms.Cheng Xialei and Mr. Pan Daqing in the Pakistani Embassy to China. During the meeting, Dr. Kamal introduced development and management of water resources, agriculture, electric power and so on in Pakistan, while Ms. Cheng Xialei introduced the situation of small hydropower in China as well as work currently undertaken by the Center. The two parties conducted detailed discussion on the cooperation of small hydropower, including training, consultation, design, technical reconstruction, equipment supply and so on. After the meeting, they had lunch together and took a group photo.

### ***World Bank Expert Visited HRC***

On 30 Oct. accompanied by Ms Miao Hong, deputy director of China Renewable Energy Scale-up Program Management Office, Mr. ENNO HEIJNDERMANS, consultant of the World Bank, visited HRC.

Two parties held talks on topics regarding training cooperation between HRC and some Vietnam organizations, compilation of list of SHP equipment manufacturers of China and some other issues. Mr. HEIJNDERMANS spoke in high praise of the contributions that HRC has made to the promotion of SHP on a global basis by means of training, R&D, consultation and export of hydropower equipment since its establishment in 1981.

Ms. Cheng Xialei, executive deputy director of HRC, Mr. Xu Jincui, deputy director of National Research Institute for Rural Electrification and related division chiefs, including Pan Daqing, Li Zhiwu, Lin Xuxin, Lu Jianping and Lin Ning attended in the reception and discussion.

In addition, Mr. HEIJNDERMANS paid a visit to the training facilities and laboratory of HRC.

***HRC Expert Was Invited to 2008 Forum on China's Energy and Resources Issue***

From Sept.23rd to Sept. 25th, the 3rd Exposition of China's International Environment Protection and Comprehensive Utilization of Resources was hosted at Pudong New International Exposition Center of Shanghai. During the period, 2008 forum on China's Energy-saving, emission-reduction and comprehensive utilization of resources was held. Li Zhiwu, division chief of Science, Technology and International Cooperation of HRC, was specially invited to give a report titled China's SHP technology and CDM project development and conducted extensive exchange with other participants.

***2008 SHP Training Workshop for Africa Concluded with Success***

On Sept. 22nd, in the golden season of autumn, the 40-day-long Training Workshop on SHP for African Countries wrapped up with success. The solemn closing ceremony was held as scheduled in the multi-functional hall of HRC. Leaders, professors and working staff of HRC and altogether 32 technical officials in the filed of hydropower and energy from 17 African countries congregated for the ceremony. The special guest, a chief from Zhejiang Foreign Trade & Economic Cooperation Bureau, also took time off and came for the ceremony.

With melodious music, rosy flowers and genial smiles, the closing ceremony commenced, which was presided over by Mr. Pan Daqing, the chief of Division of Foreign Affaires and Training, HRC. It started with the address of Mr. Fan Aihua, division chief from Zhejiang Foreign Trade & Economic Cooperation Bureau. Mr. Fan extended his congratulations on the smooth progress and successful conclusion of the training workshop, his heartfelt thanks to all the professors and working staff for their painstaking efforts and his respect to all the participants for the great efforts they made during the training. It was noted in his address that Chinese government had attached great importance to the exchange of politics and culture and cooperation of trade and economy with developing countries, and that Chinese government had strengthened its efforts on the cooperation with African countries especially after the Sino-Africa Cooperation Forum. It was hoped that all the participants could make new contributions to the development of SHP for their own countries and lay a more solid foundation for the cooperation in the field of SHP between China and African countries when they returned to their countries.

Ms. Cheng Xialei, executive deputy director of HRC, on behalf of Mr. Chen Shengshui, director of HRC, and all the working staff, expressed the congratulations to all the participants on the successful conclusion of their study in China. It was believed that they would provide better service in the development of SHP for their own countries in the near future and become not only the important bridge connecting countries in the aspect of SHP technology and economic and trade cooperation, but also the disseminator of cultures and friendship. Besides, she thanked the participants for their cooperation during the training course, which, to a large extent, guaranteed the smooth progress of the whole program. To finalize her speech, she kindly said to all, "you would be HRC Alumni forever from this day on and you would be warmly welcome back to HRC anytime."

Then, Mr.Zhu Xiaozhang, honorary director of HRC, gave a speech in earnest and sincerity regarding "communication & language barrier" and "foreign economic & trade cooperation", which revealed his original and profound views. The perfect combination of humorous words and



sagacious analysis inspired the participants a lot.

Speeches of leaders won rounds of unanimous applause from the audience.

On behalf of all participants, Mr. Oumar, monitor of the class, extended his gratefulness to the Chinese government and Chinese people, the sponsor the Chinese Ministry of Commerce and the organizer HRC. All the words in his speech represented the heartfelt gratitude of all participants' heart. "During the past 40 days, we have learned a lot about China's advanced technology in SHP and its rich experience in SHP helps raise our theoretical and technical level." ..... "We study here and tour around here, and the happy moment of cultural exchange and Sino-African friendship passes without being noticed." ..... "We also thank all the leaders, professors and working staff of HRC and Ruidi Hotel for their hospitality and gracious service. Please believe that we will spare no effort to maintain and develop the friendship between Chinese and African people when we return to our countries." ..... "The good opportunities of knowledge exchange and technical training provided by Chinese government forcefully guarantee the development and advancement of social economy of African countries." ..... "Vive l'amitié sino-africaine (Long Live Sino-African Friendship)! ".....

After the closing ceremony, with certificates issued by Chinese Ministry Of Commerce and presents from HRC in hands, and bright smiles in faces, the participants took photos with the professors and leaders. All shared the same dream, which was: hand in hand, do more for the global development of SHP.

Although the training workshop came to its end, the tree of friendship will be evergreen, just as the toasts delivered by Dr. Xu Jincai, deputy director of HRC in the farewell party: "HRC is always and will be forever all participants' home in China, the cooperation in the field of hydropower in the future is more than welcome".(2008

### ***3rd and 4th Training Workshop 2008 on Safety Supervisor of Rural Hydropower System Concluded with Success***

The 3rd and 4th training workshop 2008 on safety supervisor of rural hydropower system, as entrusted by Rural Hydropower & Electrification Development Bureau of MWR, wrapped up with full success in late October by HRC at the picturesque West Lake. In total, 95 participants from 16 provinces (autonomous regions and municipalities) attended the training.

In accordance with the content of the State Council on clearing and standardizing activities regarding professional qualification evaluation, HRC stepped up its efforts in the formulation of training objective and syllabus, the arrangement of training courses, examination and registration. This training not only helped raise the overall safety awareness and updated safety knowledge for participants, but also equipped all participants with new knowledge in many aspects including formulating emergency preplans. After the training, assessment concerning scheme, implementation, logistics and effect of the training, was conducted in the form of questionnaire by participants, with 84.21% of the forms retrieved and a comprehensive assessment mark of 91.7 scored. In recognition of all the efforts paid by HRC for this training, participants noted in succession at the closing banquet that they had learned a lot through this training about new safety knowledge and some important safety regulations as well as approaches to analyze and deal with accidents. It was also noted that this kind of training should be promoted to popularize hydropower safety knowledge and to further bring hydropower into full play in the electricity

supply nationwide.

### ***Regulation on Installation and Operation of Leakage Protector in Rural Areas Passed First-round Acceptance***

On Dec. 16th, 2008, presided over by the Bureau of Rural Hydropower & Electrification Development, the meeting of examining the standard of Regulation on Installation and Operation of Leakage Protector in Rural Areas was held in HRC, Hangzhou. 13 experts from 12 organizations including Chinese Hydraulic Engineering Society, Zhejiang University, Zhejiang Provincial Electric Power Company, Sichuan Local Power Bureau, etc. and the editing staff attended the meeting. Academician Wang Yousheng and Professor Han Yan were unanimously agreed to be respectively the chief and deputy chief of the examining team.

During the meeting, the editing staff gave a report about the editing work and the expert panel then carried out detailed discussions about the regulation.

It is universally acknowledged that the regulation is an important standard in the hydropower industry and is of great significance. The expert panel agreed that the content of the regulation in question is not only rationally and concisely organized, but also generally corresponding to the requirements. Importance is given to the investigation and analysis of the data in the regulation, which help lay a good foundation for the editing work. Based on the current situation, the editing staffs widely adopt new technology in the editing process. The regulation basically meets the requirements of technical standards to be authoritative, scientific, innovative and feasible.

The expert panel unanimously approves the first-round acceptance of the regulation and suggests that the final version be completed soon.

### ***SHP Mission by HRC Specialists in Kenya Concluded***

Based on relevant agreements, two SHP specialists with HRC Mr Lin Xuxin and Mr Pan Daqing completed a SHP consultation mission in Kenya from 27 July to 4 Aug 2008. The objective of the mission is the selection of dam sites, the power houses and determination of head and installed capacity, assisting Kenyan side with the general layout of the potential sites and determining the type and size of the station complex. During the mission, HRC specialists called on the local government officials, collected the related hydrological data of the potential SHP sites, reconnoitered three SHP potential sites, made pivot layout and determined the installed capacity of the potential SHP stations.

Under the concerted effects of both sides, the SHP technical service provided by HRC specialists went on rather smoothly and pleasantly. The owners of the projects were very satisfied.

### ***HRC Delegate Attended Forum on New and Renewable Energy***

Sponsored by Ministry of Science and Technology of the People's Republic of China, China-Japan-Korea S&T Cooperation Forum on New and Renewable Energy was held in Beijing on July 17th, 2008. It was first proposed by Premier Wen Jiabao in the 8th China-Japan-Korea Leaders' Meeting and won support from the Japanese and Korean leaders. Mr. Zhao Jianda, senior engineer, from the Department of International Cooperation, Science and Technology of HRC, attended the forum.

Mr. Xu Dingming, Deputy Director of the Office of the National Energy Leading Group of the

People's Republic of China , pointed out that the future development of energy would feature cleanness, high efficiency, diversification and sustainability. Mr. Xu Haishen, from the Department of International Cooperation, Science and Technology, MST, noted that it was a shared choice to stress on international cooperation on science and technology and develop vigorously new and renewable energy in an effort to increase energy supply and reduce consumption and greenhouse gas emission.

Experts present at the forum conducted extensive discussion centering on three topics: policy and management of new and renewable energy; technological exchange and cooperation; and industrialized cooperation. It was pointed out at the meeting that fruitful achievements had been scored in the field of new and renewable energy in China, Japan and Korea, but there was still large room for cooperation.

### ***Retired Staff of HRC Congregated in Celebration of Gold and Diamond Wedding Anniversary***

On Dec. 9th, 2008, over 40 retired staff of HRC had a get-together at Xixi National Wetland Park to celebrate the 50th and 60th wedding anniversary for 7 couples. The elder were all dressed in colorful clothes and flowers with smiles rippling on their faces. The celebration is simple yet ceremonial. The 7 couples received warm congratulations from others.

Leaders including Ms. Cheng Xialei, executive deputy director of HRC, Mr. Xie Yimin, office director of HRC were in full support of the activity and took part in the celebration. Not only did they bring gifts for them, they also delivered passionate speeches in praise of the contribution the old staff made for HRC. In addition, they wished the elder a happy family life and good health and forwarded greetings and congratulations from Mr. Chen Shengshui, director of HRC.

Mr. Zhu Xiaozhang and Mr. Zhou Renshi gave a spontaneous speech respectively. Besides a brief account of the development of HRC, they expressed their gratitude for the organization of this activity and more for the reform and opening-up policy carried out by the Party, which guaranteed a happy life for them in later years.

Afterwards, photos were taken for the elder in memory of this happy moment. Besides, 4 retired employees of HRC were also given congratulations for their reaching 70 years old.

At the end of the celebration, every one was immersed in the sea of happiness, enjoying every bite of the anniversary cake.