

Water for well-being: learning and practice

By Frédéric Cohen

The Sustainable Development Goals bring together major environmental challenges. The end of poverty, renewable energy, equitable partnerships are a priority to seek for the planet, people and prosperity. The consolidation of existing infrastructure requires an investment in water and energy to support people and company equipment.

The action of water can be recognized as a source of energy, for example by generating electricity in hydroelectric dams. The same applies to buildings. The pressure in the pipes can carry a signal for communication and cause a push movement by transmitting energy via building materials and then air. This all-weather comprehensive strategy should not be underestimated because urban complexes group large flows into metric volumes and can influence an environment very precisely.

The United Nations Water Conference moderated and presented by Li Junhua, Under-Secretary-General for Economic and Social Affairs and Secretary-General of the UN 2023 Water Conference brought together several points of view, actors of change and youth on the move. It is time to renew agreements that invest in progress and achieve a fairer partnership. Recognition and merit are essential elements that are highlighted during this conference [1].

Under-Secretary-General for Economic and Social Affairs Li Junhua's efforts to brief the parties continued during the UN High-Level Political Forum on Sustainable Development under the auspices of the Economic and Social Council. This partnership, which included a ministerial segment, was developed with the participation of UNITAR [2].

The announcement regarding the conferences on the theme of water and energy in urban infrastructure was prominently highlighted in the journal UN DESA Voice. This broad participation underlines the importance of the theme as it has consequences for all sectors of the economy [3].

Climate conventions bring different interpretations that can be discussed and popularize the subject. Scientific rigor and democratic standards must remain the driving force behind all these exchanges. The knowledge and progress of peoples is the hope of the whole community. The leadership of Member States with long-standing experience of the historical development of the planet is the example to be presented. It is a question of disseminating its organizational model while leaving room for the expression of its creativity and respecting the national conditions of other States.

The United Nations World Data Forum in Hangzhou highlighted a wide range of information that put forward education, health and humanitarian aid [4]. Water pressure technologies are numerous and open the door for many applications such as communication, posture support, travel accompaniment.

Research people by sounding is an environmentally friendly way to obtain information about a territory. The telemetry that applies makes it possible to calibrate emission powers in multiple modes, in amplitude, frequency and in all directions of space. Water distribution systems carry these vibrations, which are transmitted through the air in a controllable way. The flow rate of the pipes, their concentration and interference are factors to be parameterized.

The regulation of these instruments must make it possible to guarantee in a secure way the equality of the moral and physical rights of individuals. The authority responsible for traffic safety determines an assured commitment of resources as well as a fluidized coordination of living and state organisms. The accessibility of the roads is secured by this permanent surveillance and refined vigilance. The republican constitutional order is re-established by the recognition of the real qualities of persons and legal entities who stand out with respect and rank themselves by class in their functions.

Research in buildings is also facilitated, by attentive listening and amplification means already present in the infrastructures. The relay in the networks produces a repetitive filter of the impulse and makes it possible to induce a correction on the signal. The water tanks and their scale support a weight that moves with actuators and allow to respond to a more precise sensitivity. Thus, monitoring is improved and the effectiveness of the intelligence services is supported by formal communication.

The pressure of the air that exchanges in the pipes of buildings can still have advantages. The voice communicates an emotion at the time of listening and it is most often charged with intention. The meaning of an expressed sensitivity may need to be explained. Other information can be conveyed about a workspace in an administrative environment such as a hushed trampling that changes the overall listening in a room. It is the same for a videoconference where the image brings information that is understood by a close discussion. The difficulties encountered with transcription software are due to variable calibration of devices that must continue to improve [5].

5G device connectivity accelerates the response of systems that leverage common software. Data management is facilitated by ergonomics with readjusted standards thanks to a continuous improvement in the quality of the services in place. Health and safety are essential criteria for the feasibility of studies shared by an administrator collective. The regular monitoring of the progress of projects and the publication of results on a public platform are a culmination of this research. The attractiveness of the ads published makes it possible to determine the evolution of the programs according to the audience selected.

Satellite networks bring increased controllability of computer systems that respond to the Internet of Things. The plasticity of these networks allows a rapid adaptation of devices that

evolve in real time. Databases grow with regular updates. These advances in space increase the reliability of oceanographic studies.

The interactions of atmospheric pressure with the ocean are an important source of energy that current technologies regulate more and more efficiently. This all-weather comprehensive strategy reduces the use of fossil fuels by forming temporary dams that redirect ocean currents to certain places where it is possible to accumulate pressure in the subsoil to activate electric turbines.

It has thus been demonstrated more clearly that human activities in the lower atmosphere sometimes cause thunderstorms and floods. Landslides have also been observed due to soil absorption slowed by saturation of the trees that feed on it. Knowledge of permaculture and ecosystems at the local level makes it possible to avoid natural disasters. Massive and brutal changes in people's behavior exert a dangerous influence on the climate. Therefore, prevention must remain rigorous to avoid excesses [6].

International partnerships are numerous and the world's leading countries offer significant opportunities for exchange in this area. Recent history has made it possible for distant countries to meet through legal mediators.

Thus, the Chinese space program has led France and European countries to new research which has made it possible to better understand the evolution of oceanographic flows. Physical modeling, mathematical analysis, sensors and effectors, numerical calculation are topics discussed during this study. The pooling of software and the sharing of experience during this technology transfer are sustainable advances in supporting this bilateral cooperation [7].

Also, the partnership between China and Belarus has allowed the installation of new equipment, whose upgrade since previous periods was eagerly awaited [8]. Subsequently, an innovative partnership was obtained between Belarus and Iran, in several areas such as trade, transport, agriculture and culture [9].

This appeared in a context where negotiations between Saudi Arabia and Iran, led by China, have made great progress. The theme of the reopening of the ancient Silk Roads and cross-border e-commerce accompanied by the great national revival have allowed accelerated peace discussions with these two major countries of the Middle East. From there, the meetings with Palestine were able to open new and more cordial horizons. These results, hoped for by a large part of the international community, set the stage for further extension that have yet to be confirmed with the other parties [10].

75 years ago, the Universal Declaration of Human Rights was born from the ashes of the Second World War. For 30 years, the Vienna Declaration and Program of Action have established an equal status for all human rights. China has sent 50,000 peacekeepers to nearly 30 UN peacekeeping operations, making it the largest troop-contributing country among the permanent members of the UN Security Council. Respect for the purposes and principles of the Charter of the United Nations is of paramount importance in the global

management of human rights. China is now presenting a global initiative that touches on development, security and civilization [11].

In September 2021, the Global Development Initiative (GDI) was proposed to the General Debate of the 76th session of the United Nations General Assembly. The Group of Friends of the GDI was formed at the UN when, in June 2022, President Xi Jinping proposed at the High-Level Dialogue to invest on the Global Development and South-South Cooperation Fund. China has also decided to increase its contributions to the United Nations Peace and Development Trust Fund. These are the main funding platforms that support the GDI cooperation project.

At the same time, the Center for International Knowledge on Development published the first edition of the Global Development Report. CIKD is an independent institution affiliated with the Development Research Center of the State Council of the People's Republic of China. President Xi Jinping and UN Secretary-General Antonio Guterres sent letters of congratulations to the launch ceremony in 2017 [12].

The establishment of the Group of Friends of the GDI was made possible thanks to the participation of more than 20 UN agencies and representatives of more than 100 countries, including 80 ambassadors. It has expanded through major commitments such as ITU and UNIDO. Open partnerships cover large regions in Africa, Latin America and Asia, with a particular focus on least developed countries. They concern the water, agriculture, climate, health and digital sectors. UN DESA and the World Bank are privileged levers to articulate this coordination in a global manner.

The private sector is called upon to join this initiative in a constructive way. Thus, Bill Gates during a meeting with Xi Jinping pledged to invest his company and funds to support the GDI. The dedicated projects concern global poverty reduction, rural revitalization, and public health. They have the ambition to improve communication that promotes best practices and lead to success [13].

UNESCO and the Alliance of Civilizations have spoken out to support these partnerships announced by China. The search for economic and human progress at the global level and the historical development of civilization are the essential values that underpin these partnership projects. The ancient experience of the leading countries is a contribution that is continuously highlighted for the international community [14].

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