

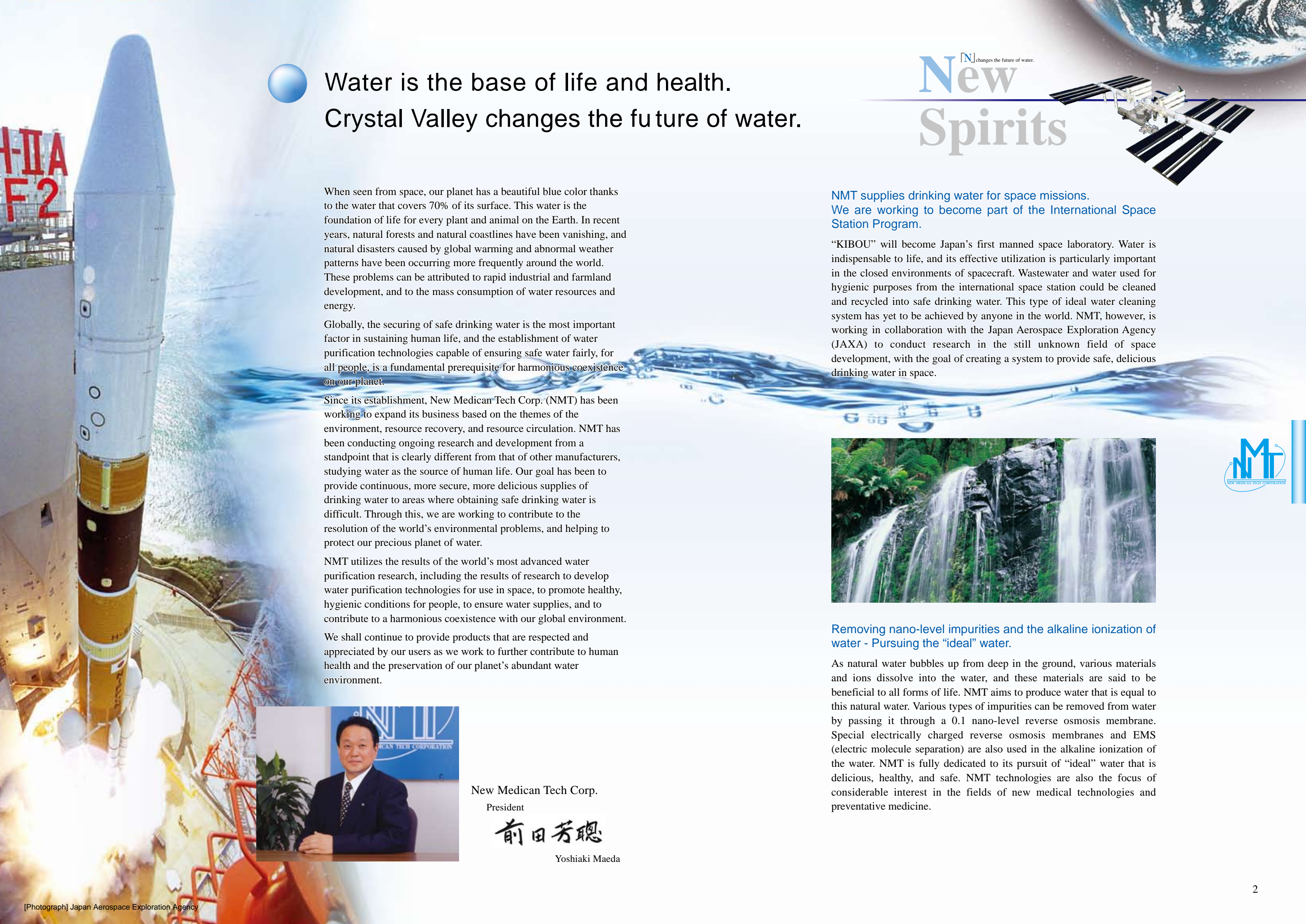
「N」 changes the future of water.

CORPORATE PROFILE

Nano Water



NEW MEDICAN TECH CORPORATION



Water is the base of life and health. Crystal Valley changes the future of water.

When seen from space, our planet has a beautiful blue color thanks to the water that covers 70% of its surface. This water is the foundation of life for every plant and animal on the Earth. In recent years, natural forests and natural coastlines have been vanishing, and natural disasters caused by global warming and abnormal weather patterns have been occurring more frequently around the world. These problems can be attributed to rapid industrial and farmland development, and to the mass consumption of water resources and energy.

Globally, the securing of safe drinking water is the most important factor in sustaining human life, and the establishment of water purification technologies capable of ensuring safe water fairly, for all people, is a fundamental prerequisite for harmonious coexistence on our planet.

Since its establishment, New Medican Tech Corp. (NMT) has been working to expand its business based on the themes of the environment, resource recovery, and resource circulation. NMT has been conducting ongoing research and development from a standpoint that is clearly different from that of other manufacturers, studying water as the source of human life. Our goal has been to provide continuous, more secure, more delicious supplies of drinking water to areas where obtaining safe drinking water is difficult. Through this, we are working to contribute to the resolution of the world's environmental problems, and helping to protect our precious planet of water.

NMT utilizes the results of the world's most advanced water purification research, including the results of research to develop water purification technologies for use in space, to promote healthy, hygienic conditions for people, to ensure water supplies, and to contribute to a harmonious coexistence with our global environment.

We shall continue to provide products that are respected and appreciated by our users as we work to further contribute to human health and the preservation of our planet's abundant water environment.



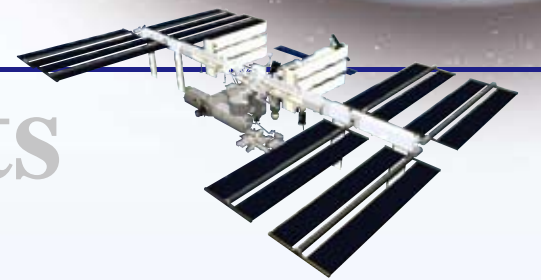
New Medican Tech Corp.

President

前田芳聰

Yoshiaki Maeda

New
Spirits



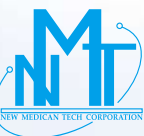
NMT supplies drinking water for space missions.
We are working to become part of the International Space Station Program.

“KIBOU” will become Japan's first manned space laboratory. Water is indispensable to life, and its effective utilization is particularly important in the closed environments of spacecraft. Wastewater and water used for hygienic purposes from the international space station could be cleaned and recycled into safe drinking water. This type of ideal water cleaning system has yet to be achieved by anyone in the world. NMT, however, is working in collaboration with the Japan Aerospace Exploration Agency (JAXA) to conduct research in the still unknown field of space development, with the goal of creating a system to provide safe, delicious drinking water in space.



Removing nano-level impurities and the alkaline ionization of water - Pursuing the “ideal” water.

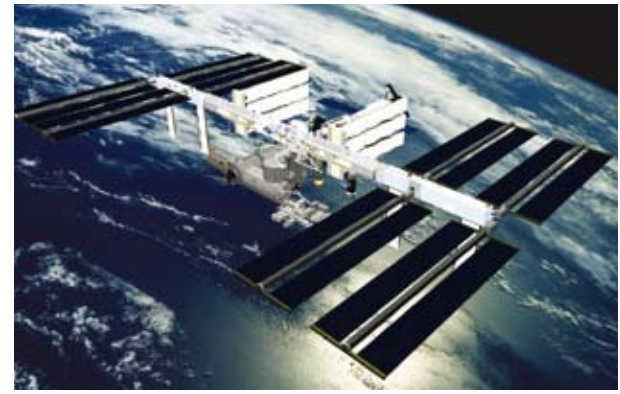
As natural water bubbles up from deep in the ground, various materials and ions dissolve into the water, and these materials are said to be beneficial to all forms of life. NMT aims to produce water that is equal to this natural water. Various types of impurities can be removed from water by passing it through a 0.1 nano-level reverse osmosis membrane. Special electrically charged reverse osmosis membranes and EMS (electric molecule separation) are also used in the alkaline ionization of the water. NMT is fully dedicated to its pursuit of “ideal” water that is delicious, healthy, and safe. NMT technologies are also the focus of considerable interest in the fields of new medical technologies and preventative medicine.



Crystal Valley expands the possibilities of water.



Applying space technology to daily life



Artist rendition of the completed International Space-station
[Photograph] Japan Aerospace Exploration Agency



KIBOU Space Station laboratory.
[Photograph] Japan Aerospace Exploration Agency

Nano Technology



Our work in the development of technologies for space helps us to create safer, more delicious water.

A space station is a very special type of closed living environment. One of the most important themes in the development of this type of facility is the safe, effective processing of organic waste material and wastewater for reuse.

New Medican, working in collaboration with JAXA, has developed a patented system for recycling organic waste and organic wastewater. With this system, New Medican is moving forward with research to develop processes that can quickly and efficiently treat organic waste and wastewater to completely remove all harmful components, recycling these materials into drinking water and energy sources. The research of water purification technologies for application in the extremely limited confines of a space facility will also help to further improve the quality of water purification systems for use here on Earth.

Impurities as small as 0.1 nm are completely removed.
This system is considered to be the world's best performing water purifier.

Conventional water purifiers have been designed primarily to remove foreign residue, red rust, chlorine odor, mildew odor, etc. These water purifiers have been unable to completely remove impurities at the molecular level, such as trihalomethane, pesticides, and lead. The New Medican reverse osmosis membrane water purifier uses a membrane with the world's smallest pore size, 0.1 nm (one-10 millionth of a millimeter). This system provides the highest level of substance removal performance of any existing water purifier, and also incorporates technologies to further enhance the taste of the water. The popular "Crystal Valley" water purifier systems are being used by many types of facilities, such as medical organizations that place great emphasis on safety, and restaurants, where taste is of vital importance. The systems are also being used widely in Japan and abroad to convert well water containing harmful substances into safe drinking water. New Medican is proud to be able to contribute to society in this way.

"Light" is being used to re-create a natural forest environment.
New Medican pursues "total performance" for its water purification systems.

New Medican water purification equipment does not simply remove impurities -- these systems are designed for total performance, enhancing the taste of the water and maintaining water quality. Take, for example, the Crystal Valley water storage tank. The tank window blocks ultraviolet light, allowing only useful, natural light to enter the tank. This light generates minute vibrations that enhance the flavor of the water, and a specially developed light catalyst technology is used to maintain the water inside the purification system at a consistently clean level. With this technology, New Medican has succeeded in reproducing the refreshing taste of water found in nature, and re-creating, inside its water purifiers, the type of air purification that exists in forest environments.



Emergency Drinking Water Conversion System for Use with All Types of Water Sources



Crystal Valley Water Purification Systems



The water purification technologies of New Medican Tech are renowned and applied widely in a vast range of fields.

New Medican Tech



Profile of Company

NEW MEDICAN TECH CORPORATION

President :
Yoshiaki Maeda

Head Office :
15-8, Kawagishicho, Suita-city, Osaka,
564-0037 JAPAN

MIZ-Water Shop :
Hakusan Corpo, 1-12-5, Hakusan,
Bunkyo-ku, TOKYO, 113-0001 JAPAN

Establishment :
April 26, 1995



Business Endeavors

■ Manufacturing & Sales (Product Categories)

Residential ROM (reverse osmosis membrane) water purifiers, ROM water purifiers for business use, ROM water purifiers for emergency and disaster use, water quality analyzers, bacteria testing equipment, various types of advanced water purification systems

■ R&D Projects

Desalination technologies and systems, groundwater contamination treatment technologies, healthy drinking water production technologies, technologies for producing drinking water in space, technologies for organic waste mineralization in space, technologies for supplying drinking water to areas with insufficient water resources

■ Books & Publications

Coverage on Fuji TV, Nippon TV, TV Asahi, NHK TV, and TV Tokyo Participation in a JAXA Parade



Corporate Vision

Administrative Concept

To contribute to a healthy environment by providing safe, reliable water

Administrative Mission

1. To preserve and protect the future of water and the environment.
2. To contribute to human health through water.
3. To support water, the environment, and human health through our global NMT network.



History

- 1995 (April) Company established in Esaka, Suita City, Osaka (Commencement of R&D Project for Water Treatment and Water Quality Analysis)
- 1998 (May) "CV-2000R" ROM-type water purifier developed.
- 1999 "Crystal Valley System" adopted as an MHLW project for infant care.
- 2000 Chiba City approves the "Crystal Valley System" as eligible for water purifier system grants.
- 2001 (Jan.) Sales start of the "Mine-Marine Filter" that uses natural coral fossil.
- 2001 (Oct.) Company President Yoshiaki Maeda receives certificate of thanks from UN Undersecretary General Maurice F. Strong for his contributions to "Love Green Action 2001".
- 2002 (April) MIZ water shop in Tokyo opens.
- 2002 2002 NMT receives "The First Suita City Special Enterprise Award".
- 2004 (Dec.) Head office relocated to its present location.
- 2004 Yashiro City authorized "Crystal Valley System" as a grant project.
- 2006 Company receives the "2006 Industrial Technology Award" for its emergency disaster aid water purification system technology.
- 2006 (Sept.) NMT enters into a license agreement with JAXA.

Business Achievements

- Products certified by the MHLW for use in infant care systems (1999).
- Product name certified as a municipality water purification system for contaminated underground water (2000).
- Supplied systems to 7,000 families throughout Japan where city water is not available (2000).
- Equipment installed in the Maimon Sushi quality sushi shop in Kanazawa City (2000).
- Equipment installed in the "Liberty Hill Club" membership-based sports club in Meguro (2000).
- Equipment delivered to the National Aerospace Laboratory of Japan (now, "JAXA") (2000).
- Equipment installed in the ICHISEN Japanese restaurant in Kyoto (2003).
- Equipment delivered to the Galapagos Islands through JICA (2004).
- Equipment delivered to the Air Self-Defense Force Misawa Base (2005).
- Equipment installed in the KITTYOU quality Japanese restaurant (2005).
- Equipment delivered to the Tokyo Kusei Kaikan (2006).
- Equipment delivered to Sakai City (2006).
- Equipment delivered to Sennan City (2006).
- Equipment delivered to Wakayama City (2006).
- Equipment delivered to the Air Self-Defense Force First Depot (2006).
- Equipment installed in Sumitomo Denko (2006).

Public Relations

- Company President Yoshiaki Maeda published the book "Water Vitality" in year.
- The company has announced the "CV-1000R" reverse osmosis water purifier, the world's smallest with a built in pressure pump.
- All models of the "Crystal Valley" system have been authorized as eligible for water purifier system grants from Chiba City.
- The Faculty of Medicine at the University of Kyushu has focused attention on the water functionality of the "Crystal Valley" system, and continues to conduct medical experiments with this equipment
- "Crystal Valley" equipment has been delivered to the Galapagos Islands through JICA
- Equipment has been delivered to the Misawa Base of Japan's Air Self-Defense Force.
- The "Crystal Valley" system has been authorized as eligible for water purifier system grants from Yashiro City.
- Various municipalities and enterprises have adopted the "CV RESCUE" emergency disaster aid water purification system.



Achievements in R&D for Space Applications

- NALJ (JAXA) has selected the "CV-2000SR" and "CV-9000SR" Crystal Valley models for use in its life-support system for the closed environments of space facilities.
- NALJ (JAXA) has selected the "CVR-1000" portable ultra-pure water system for use in fuel cells for space applications.
- NMT members don spacesuits and join JAXA personnel in a parade to promote space development efforts.
- NMT obtains a joint patent with JAXA for its system for reclaiming organic waste and concentrated organic waste water in space.
- Company President Yoshiaki Maeda presents a lecture at the 25th ISIS International Space Exhibition.



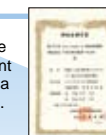
Contributions

- Publication of "Kankyo ISO"
- Company President Yoshiaki Maeda has received a certificate of thanks from UN Undersecretary General Maurice F. Strong for his contributions to the "Love Green Action 2001" project.
- NMT is registered as a member company of the "Eco Action 21" environmental activities evaluation program hosted by MOE.
- NMT is authorized by MOE as a pilot enterprise for the "Eco Action 21" program.
- NMT conducts an on-site water inspection in Myanmar.
- NMT product systems and company activities are mentioned in the "Eco Action 21" handbook, with the NMT products listed as "Eco-products".



Awards

- NMT is introduced as a "World-Class High Technology Company in West Japan" at the "VENTURE 2000 KANSAI" event hosted by APO, FORECS, and NIHON KEIZAI SHINBUN.
- NMT receives top honors of the first "Osaka Frontier Business Award", presented by Osaka Governor Ohta Husae.
- NMT receives the special industrial grand prize from Suita City at an industrial awards ceremony.
- NMT receives a grant from the "New Technology Development Fund" for the development of a seawater desalination system.
- NMT receives the "2006 Industry Technology Award" in recognition of the technological capabilities and necessity of its water purification systems for emergency and disaster applications.





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