

DOWAS NEWS

2018

Vol.21 No.1



- The 7th “Made in Japan Awards” Excellence Award
Atsushi Omichi (Point Pyuru Ltd. CEO) ... 1
- DOWAS 1st FY2018 Board of Directors Meeting Report
Takeshi Yasunaga (DOWAS Secretariat Director) ... 3
- DOWAS 2018 General Assembly Report
Takeshi Yasunaga (Secretariat Director) ... 5
- DOWAS General Assembly 20th Anniversary Lecture
Takeshi Yasunaga (Secretariat Director) ... 6



海洋深層水利用学会

The 7th “Made in Japan Awards” Excellence Award

Atsushi Omichi (Point Pyuru Ltd. CEO)

This year, we received the Excellence Award in the Product Technology Development Division in the 7th Made in Japan Awards. This award is presented to those active in the front lines of manufacturing in cooperation with the Ministry of Economy, Trade, and Industry (METI); Ministry of Land, Infrastructure and Transport; Ministry of Health, Labor, and Welfare; and Ministry of Education, Culture, Sports, Science, and Technology. This program has been held every other year since the establishment of the system in 2005. Seven Prime Minister Awards, 18 METI Awards, 15 Special Prizes, and 18 Outstanding Prizes were selected among the 270 entries.

The Product Technology Development Division aims at individuals or groups who have overcome advanced technical problems in order to realize the development and practical application of outstanding innovative products, parts, materials, etc. Including myself, four people from our company were honored.



Offering originally branded cosmetic products using DOW and Natural Okinawan Ingredients

Our company was founded in 2001, a year after the Okinawa Prefecture DOW Research Center (ODRC) opened. We are involved in the development, manufacture and sales of cosmetics utilizing DOW. In 2004, we opened a factory next to the ODRC to use DOW piped directly underground from the ODRC, enabling us to dramatically increase production efficiency and volume.

While developing and selling our own branded products, we also focused on cosmetic OEM (contract manufacturing), and in the past 17 years have developed more than 1,000 products with about 170 companies. We have pleased our customers by developing original recipes with unique mineral and ingredient compositions for each product of each company.

As the main ingredient of cosmetics is water, we have conducted various studies in collaboration with universities as to whether there is a feature different from any other company in the water derived from the DOW used at our company. In collaboration with Professor Yasuhiro Igarashi at Toyama Prefectural University in 2016, we

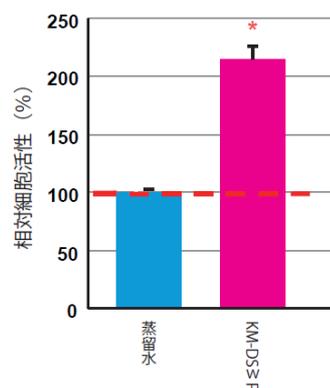
discovered a collagen promoting effect from cosmetically refined raw mineral water. We named this cosmetic raw mineral water “KM-DSWP.”

In addition, we focused on natural Okinawan materials as soon as possible, analyzing and studying whether they could be incorporated into cosmetics, and then developed them as raw materials. Many Okinawan plants grow in intense ultraviolet environments and can protect themselves from ultraviolet rays. They have superior antioxidant benefits and high nutritional value. It is said that the ingestion of such plants is one reason that Okinawans have had such historic longevity. We are proud to have earned a reputation for developing products from blending cosmetic raw materials derived from Okinawan materials confirmed to be safe and useful for skin.

We will continue to focus on developing innovative products that contribute to society and are pleasing to our customers.

KM-DSWP のコラーゲン合成促進効果

KM-DSWP：久米島海洋深層水をポイントピュール独自の技術で生成した化粧品原料水



n=3
Bars mean±SD
*p<0.05



久米島海洋深層水から独自の技術によって作られた「KM-DSWP」（化粧品原料水）を人の線維芽細胞を用いてのコラーゲン合成促進効果に関する比較実験を行い、プロコラーゲン合成促進効果が期待できるという結果が得られた。

コラーゲン合成促進効果：加齢などにより線維芽細胞のコラーゲン産生能低下によるコラーゲンの減少や変質が生じています。このような老化皮膚の線維芽細胞に活力を与え、コラーゲン合成促進をうながし、皮膚のシワ・タルミを防止し、皮膚のエイジングケアに効果を示すことが期待されます。

プロコラーゲン：コラーゲンになる元となる前駆体

共同研究：株式会社ポイントピュール、富山県立大学 五十嵐康弘教授

DOWAS 1st FY2018 Board of Directors Meeting Report

Takeshi Yasunaga (DOWAS Secretariat Director)

The first FY2018 DOWAS Board of Directors Meeting was held on May 24 at the Tokyo Ocean University Shinagawa Campus Hall 2. The proceedings are as follows.

1. Secretariat (Director Yasunaga)

- a. Explained the results of Board of Directors election results for FY2018-201 based on proposal P.18.
- b. As Mr. Kazuo Iseki declined, Takeshi Yasunaga was elected for the next term. Electees / Organizations received their appointments.
- c. Based on mutual election and appointment by the Chairman, FY2018-2019 Officers were elected as follows (we received approval from those absent after the meeting).
- d. In view of the inclusion of “Deep Ocean Water” in the 3rd Japan Basic Ocean Policy, it was suggested that two vice chairmen be appointed and a new comprehensive strategy committee established. The Chairman nominated Mr. Koji Inoue as committee chair and was approved. As there is only one vice chairman in the current constitution, we decided to consult with the General Assembly on revising the provision.

● President	Director Masayuki Takahashi
● Vice President	Director Koji Otsuka / Director Kimio Fukami
● Award Committee Chair	Director Yasuyuki Ikegami
● Research/Planning Committee Chair	Director Katsunori Shimizu
● Editorial Committee Chair	Director Kazuyuki Ouchi
● News Letter Committee Chair	Director Chiaki Imada
● Homepage Committee Chair	Director Yoshio Odaka
● Promotion Committee Chair	Director Katsuhisa Yamada
● Exchange Committee Chair	Director Koji Otsuka
● Comprehensive Strategy Committee Chair	Director Yasuyuki Ikegami / Director Koji Inoue
● Auditor	Marino Forum 21 (Manabu Shiraishi) Group Director
● Group Director	Okinawa Pref. (Hirofumi Kubo)
● Group Director	Kochi Pref. (Hirohisa Kawakita)
● Group Director	Toyama Pref. (Yasuhiko Tago)
● Group Director	Marino Forum 21 (Manabu Shiraishi)
● Secretariat Director	Director Takeshi Yasunaga

※Directors Listed by Japanese Alphabetical

2. Awards Committee (Secretariat, Chair Yasuyuki Ikegami)

- a. According to agenda items 2-3, concerning the 2017 award, the selection situation for the 2018 awards was explained.
- b. With the National Conference in South Korea for 2018, winners will be awarded at the Conference as usual.

3. Research and Planning Committee (Chair Katsunori Shimizu)

- a. Based on agenda items 4-7, the results of the General Conference in 2017 and the preparation situation for the National Conference in 2018 were explained
- b. Venue : Koson National Assembly Training Center (Korea) Date : Thursday, Nov. 18 to Friday Nov. 19,

2018

- c. Presentations will be in Japanese and Korean with simultaneous interpretation.
- d. Schedule the ceremony for the joint Japan, Taiwan, South Korea Cooperation Agreement towards research in South Korea (preparation by secretariat).
- e. Kagoshima Venue for 2019 (With Kagoshima DOW Council)
4. Editorial Committee (Secretariat)
 - a. According to agenda item 8, the results of 2017 and schedule for 2018 were explained.
 - b. From 2018, the editorial committee (Molecular, Food, and Medicine Field) will be switched from Mr. Akira Tominaga to Mr. Keiichi Enomoto (Professor Emeritus Kochi University of Technology).
5. News Letter Committee (Former Chair Otsuka)
 - a. According to agenda item 9, the results of 2017 and schedule for 2018 were explained.
6. Homepage Committee (Chair Odaka)
 - a. According to agenda items 10-11, the results of 2017 and schedule for 2018 were explained.
 - b. According to agenda items 12-14, a banner advertisement image was presented on the website. We will consider the contents of advertisement in future email discussions.
 - c. We will post the date and venue of the National Conference (South Korea)
7. Promotion Committee (Chair Yamada)
 - a. According to agenda items 15-16, the results of 2017 and schedule for 2018 were explained.
 - b. Will implement a promotion forum in Korea on October 17, 2018, a day prior to the National Conference.
 - c. We plan to post a review paper in the Japan Complementary and Alternative Medical Society Journal on awareness and educational activities in the medical and health fields to promote use of DOW.
8. Exchange Committee (Chair Otsuka)
 - a. According to agenda item 17, the results of 2017 and schedule for 2018 were explained.
9. Other (Director Yasunaga)
 - a. Explained the trend and situation of member joining and withdrawing in 2018
 - b. Proposals for the general assembly were presented and approved based on the general meeting proposal.

Ends

DOWAS 2018 General Assembly Report

Takeshi Yasunaga (Secretariat Director)

On May 24, 2018, at Shinagawa Hall on the Shinagawa Campus of Tokyo University of Marine Science, the 2018 General Assembly of DOWAS was held in Multipurpose Space 1. The summary of proceedings is as follows.

1. Results of Board Elections for 2018-2019

The secretariat reported on the results of the 2018-2019 Board Election in the second page of the agenda.

Based on the results of consultations at the first meeting of the 2018 Board of Directors, the list of executive officers (draft) and chairpersons of each committee was explained and approved (for details, please refer to Board of Directors Meeting Report).

2. Revision of the Constitution

Due to the selection of two vice chairmen for 2018-2019, we approved a draft revision of Article 9 of the Constitution.

3. Project Report of FY2017

The secretariat and each committee reported on the projects of FY2017 as outlined in agenda items 2-5.

4. Accounting Report for FY2017

The secretariat explained the account balance in FY2017 as outlined in agenda item 6.

5. Audit Report for FY2017

Shiraishi Accounting explained the audit conducted on March 15, 2017 and deemed the accounting properly processed, as outlined in agenda item 7.

6. Project Plan for FY2018

The secretariat and each committee explained the business plan for FY2018 based on agenda items 8-9. The proposals were approved.

The plan to conclude a cooperation agreement for DOW among Japan, Taiwan, and South Korea was explained and approved.

7. FY2018 Budget

The secretariat explained the 2018 budget plan as outlined in agenda item 10. It was approved as originally proposed.

※ For general meeting materials and constitutional revision contents, please refer to the DOWAS conference website.

【Participation, etc.】

The 2018 General Assembly was formed by the full 21 people and 11 organizations with voting rights. Chairman Takahashi moderated the consultation and approval of FY2017 results, budget, and FY2018 plan and budget. In particular, the new Vice Chairman and Strategy Committee was proposed and approved. As the Third Japan Basic Ocean Policy will last for five years, activities as an academic society will be required. Meanwhile, the budget has declined every year to accumulate assets thus far, so financial soundness is required. Going forward, the Board of Directors will continue to consider the fiscal reform plan. The National Conference will take place this year on October 18-29, 2018 in Gangwon-do, South Korea. As an occasion to discover DOW applications in use outside of Japan, we hope you will be able to attend. To all the members who participated in the General Assembly, I would like to express my gratitude for your cooperation.



President's Address



Venue

DOWAS General Assembly 20th Anniversary Lecture

Takeshi Yasunaga (Secretariat Director)

The “20th Anniversary Memorial Lecture of the DOWAS General Assembly” was held on Thursday, May 24, 2018 at the Tokyo Ocean University Shinagawa Campus, Shirataka Hall 2nd floor multipurpose space 1. The lecture outline is as follows.

【Date】 2018年5月24日（木） 15:00-17:30

【Venue】 Tokyo Ocean University Shinagawa Campus Shirataka 2nd Floor Multipurpose Space 1

【Schedule】

Welcome (15 : 00-15 : 30)

DOWAS President Masayuki Takahashi

On Japan’s 3rd Basic Ocean Policy (15 : 30-16 : 30)

Cabinet Office General Ocean Policy Promotion Secretariat Director Ichiro Hao

Regional Activation Potential Using DOW in Remote Island Areas Survey (16 : 30-17 : 30)

Cabinet Office Okinawa General Secretariat Economic and Industry Department, Commerce and Trade
Division Director Sadao Nohara

【Participation, etc.】

This special lecture was held to commemorate the 20th Anniversary of the Society, with two speeches related to DOW and an introduction by President Takahashi. At the lecture, a total of 72 people, including those outside of DOWAS membership attended.

The first lecture was on the “3rd Japan Basic Ocean Policy” by Director Ichiro Hao, as he explained the Ocean Policy plan. On the day of the lecture, it was less than ten days after the Cabinet decision had been made. He explained the composition of the Ocean Policy, including promotion of industrial use of the ocean and ocean talent development with a theme of “Challenging a new ocean rich country,” and “comprehensive marine security” as the core. Noteworthy to this conference is the promotion of expansion of use of ocean industries for renewable energy and industries that utilize regional resources of DOW in remote islands. In the society, the proposal for formulation of the 3rd Basic Ocean Policy was submitted to the Cabinet Office General Ocean Policy Promotion Secretariat on July 28, 2017 in collaboration with the NPO Sea Roman 21. The recommendation is reflected in the outcome. In the lecture, it was mentioned that use of DOW is required to actualize the development plan.

The second lecture was presented by Director Nohara of the Cabinet Office General Okinawa Secretariat on “The results of the Possibility of Regional Activation with DOW Study,” which examined the current situation and issues of industrial utilization of DOW on Kume Island and the prospects for economic benefits in expanding water intake and discharge capacity. As a result, they confirmed through investigation that expansion of DOW demand by current companies and new companies totaling more than 10 companies could be introduced with a business plan that had an economic effect for Kume Island that, when considering costs and benefits, would have benefits exceed expenses in the 16th year, and more than double in the expected 45-year evaluation period, with direct job creation effect of 11% of the employment population in Kumejima Town as a whole.

As a society for DOW Use, so as we do not miss the opportunity for further DOW development, I think it is necessary

to create and execute a developing plan centering on the new comprehensive strategy review committee. Going forward, not only individual intake site activities, but a united DOWAS is required to obtain visible results. We would like to ask our members for their continued guidance and encouragement as we welcome your understanding and participation in the activities of our society.

In closing, we thank Chairman Takahashi, Director Inoue, and Director Ikegami in coordinating speakers and events. Especially to Director Hao, in a busy time just after adoption of the Ocean Policy, we thank you for taking the time to speak with us. Director Nohara also was kind to travel so far to contribute to this event. To all, thank you very much. From the secretariat, we kindly appreciate your understanding and support in achieving a successful Anniversary Lecture.



Photo 1 Venue



Photo 2 Director Hao



Photo 3 Director Nohara