

IEEE Japan Council Report For 2022

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PART A - SECTION SUMMARY

A.1 Executive Summary – (Please follow the format given below)

- Section Executive Committee Member List

<Council Officer>

Chair Takako HASHIMOTO
Vice Chair Seishi TAKAMURA
Secretary Masayuki SHIGEMATSU
Treasurer Fumiaki MAEHARA

<Section Representatives>

Fukuoka Section Chair Masahito SHOYAMA
Hiroshima Section Chair Kazuhiro UEHARA
Kansai Section Chair Yutaka HATA
Kansai Section Vice Chair Shinichi MATSUI
Nagoya Section Chair Masaaki KATAYAMA
Sapporo Section Chair Miki HASEYAMA
Sendai Section Chair Hirohito YAMADA
Shikoku Section Chair Tetsushi UETA
Shin-etsu Section Chair Toshiro SATO
Tokyo Section Chair Yoshiaki NAKANO
Tokyo Section Vice Chair Masahiro KOBAYASHI
Tokyo Section Ex-Com Member Prakash CHAKI
Tokyo Section Ex-Com Member Mamiko INAMORI

<Standing Committee Chairs>

Chapter Operations Committee Chair Noriharu SUEMATSU
Student Activities Committee Chair Kohei OHNO
Awards Committee Chair Hideo KUWAHARA
Industry Promotion Committee Chair Haruko KAWAHIGASHI

<Additional Members appointed by the Council Committee>

Past Chair Takao ONOYE
Past Secretary Yasuhiro TAKISHIMA
Past Treasurer Hiromasa HABUCHI
History Committee Chair (ad hoc) Isao SHIRAKAWA
LRSC (ad hoc) Haruhiko OKUMURA
Membership Development Coordinator Takashi SATO
Young Professionals Coordinator Coordinator Takefumi YAMADA
Life Members Coordinator Tadashi TAKANO
Educational Activities Coordinator Mayumi SUZUKI
WIE Coordinator Natsuko NODA

<Ex-Officio>

2021 IEEE Past President	Toshio FUKUDA
2020 IEEE Technical Activities Vice President	Kazuhiro KOSUGE
MGA Awards and Recognition Committee Past Chair	Takatoshi MINAMI
Region 10 Past Director/Nomination and Advisory Committee Chair	Akinori NISHIHARA
Region 10 Past Secretary	Takako HASHIMOTO
Region 10 Past Treasurer/ R10 Strategic Planning & New Initiative Committee Chair	Seishi TAKAMURA
Region 10 Conference & Technical Seminar Committee Chair	Takao ONOYE
Region 10 Women In Engineering Committee Chair	Emi YANO

- Section Highlights

- Event:

(1) Japan Council supported an annual big event “Metro Area Workshop (MAW) 2022” hosted by Shikoku Section and held in Tokushima on October 7th (onsite/online hybrid), with more than 50 on site participants and 20 attendees online. This event aimed to promote the activities of the section with local industries. Five lectures were delivered by engineers in the local industries, which much attracted the attendees.

<https://www.ieee-jp.org/section/shikoku/MAW2022/>

(2) October 8th in 2022, JC YP Coordinator, as a main steering leader, promoted Japan SYWL workshop. “Industry” was also joined to SYWL Workshop in Tokushima this year and formed “SYWL+I”. Group discussions under onsite/online hybrid environment, of which main theme was " ERAIYACCHA ERAIYACCHA ENGINEERS!". with more than 50 on site participants and 20 attendees online.

<https://www.ieee-jp.org/japancouncil/affinitygroup/SYWL2022/>

(3) Japan Council ExCom members had meeting with IEEE President Prof. K. J. Ray Liu in Kyoto with hybrid manner on October 24th with 25 attendees. IEEE Japan Council activities were presented to Prof. Liu and received some comments from Prof. Liu about importance of globalization and IEEE as a professional home.

- Promotion:

(1) In 2022 Japan Council intensively promoted educational activities mainly for online participants in the frame of “Engineer Spotlight”. Japan Council supported Japanese version of Engineer Spotlight eight times in total in 2022.

(2) Japan Council continued creating and presenting a memorial medal produced by Japan Mint, an Incorporated Administrative Agency which produces nationally official coins and medals, to new senior members in every section in Japan. This is expected to appeal to potential senior members and to be a motivation for retention of membership.

(3) Japan Council presented the webinar for Fellow grade promotion on October 31st ,and December 22nd 2022 with 73 and 60 attendees.

https://www.ieee-jp.org/japancouncil/adm/info/Fellow_flyer_2022.pdf (Japanese only)

(4) Japan Council ran a booth at several international conferences to promote various activities for members in Japan. The conference are as follows.

- ✧ Life Tech 2022 <https://www.ieee-lifetech.org/2022/index.html>

- ✧ ICCCI 2022 <http://iccci.org/index.html>

- ✧ WSCE 2022 <http://www.wsce.org/index.html>

- ✧ ISLC 2022 <https://islc2022.org/>

- ✧ GCCE2022 <http://www.ieee-gcce.org/2022/index.html>

- ✧ IEEE 8th World Forum on Internet of Things <https://wfiot2022.iot.ieee.org/>

- Management:

- Three 2022 Executive Council Meetings were held in hybrid on March 18th, July 15th, and December 9th 2022, with 45, 41 and 53 participants, respectively. In addition, Japan Council approved 10 proposals through e-mail discussions for the sake of rapid sanction and execution.

- Major Events (International, National)

- IEEE R10 SYWL Congress 2022 in Korea, which was held from August 10th to 14th. There were 12 participants from Japan.
- Metro Area Workshop (MAW) 2022” hosted by Shikoku Section was held in Tokushima on October 7th (onsite/online hybrid), with more than 50 on site participants and 20 attendees online.
<https://www.ieee-jp.org/section/shikoku/MAW2022/>
- Japan SYWL+I workshop "ERAIYACCHA ERAIYACCHA ENGINEERS!" was held in Tokushima in hybrid on October 8th with more than 50 on site participants and 20 attendees online.
<https://www.ieee-jp.org/japancouncil/affinitygroup/SYWL2022/>
- Japan Council collaborated strongly in the activity for education with a series of Engineer Spotlight eight times in total in Japan.
https://www.ieee-jp.org/japancouncil/affinitygroup/R10_Spotlight/
- SBLTW Workshop in Okinawa was held on 18th and 19th November with 55 participants.
<https://sites.google.com/ieee-jp.org/sbltw2022/> (Japanese only)
- Major Chapter Activities
JC COC held two meetings consisting of all the chapter chairs in Japan on June 8th and October 27th in hybrid with 91 and 81 participants respectively. There they discussed procedures of chapter operations, and effective ways of information sharing between chapters and with other IEEE OUs.
- Major Student and Affinity Group Activities
 - Japan Council Student Branch Leadership Training Workshop (SBLTW) was held on June 10th online with more than 70 attendees. “Industry Collaboration Session” was held in this workshop for introducing the internship from four companies.
 - MANGA Project, which asks students to apply a rough plot of MANGA based on their research activities. In 2022, eight Manga plots by students were applied and three of them were selected and awarded. Then, cartoonists tailored precise plots to create MANGA by the end of 2022.
<https://sites.google.com/ieee-jp.org/manga-project/english>
 - SBLTW Workshop in Okinawa was held on 18th and 19th November with 55 participants.
<https://sites.google.com/ieee-jp.org/sbltw2022/> (Japanese only)
 - JC YP Coordinator supported Hiroshima-Shikoku-Fukuoka joint YP establish event planned was held on November 12th with 59 participants.
 - JC YP Coordinator supported The 19th IEEE TOWERS was held in three cities; on September 11th in Sendai, October 9th in Osaka and November 26th in Tokyo with more than 120 participants.
https://young-researchers.net/towers19th_lp/ (Japanese only)
 - Annual Event “WIE 2022” was held at The National Museum of Emerging Science and Innovation and online on November 12th, organized by Tokyo/Shin-etsu Joint Section WIE and supported by JC WIE Coordinator. The total number of participants was 78 including IEEE members.
 - All Sections WIE chair meeting held on March 22nd, 2022 (five attendees). Discuss the current condition and future policy of WIE activities in Japan.
 - Kansai LMAG had 10th Anniversary celebration event and JC LM Coordinator gave a celebration speech.
- Awards

The Executive Meeting was held in hybrid on November 7th, 2022.

Japan Council Award Recognition Committee (JC ARC) was formed and tried to encourage the contributors of the volunteers in Japan. There was no award recipient in 2022, but JC ARC aims to continue their activities to increase the applicant and award recipients in the future.

A.2 Financial Report – (Please follow the format given below)

- Summary

IEEE
IEEE : Japn Council : Region 10 JPY
Profit and Loss
From Jan 2022 to Adjust 2022

Financial Row	Amount
Sales	
2.10 - Meetings & Social Events	¥51,000.00
3.20 - Region Receipts	¥347,703.00
3.30 - Sections or Councils	¥30,283,144.00
3.32 - Receipts from MGA Board, other Major Boards	¥202,000.00
3.40 - IEEE CB Account Interest	¥42,879.00
3.45 - Non-IEEE CB Account Interest	¥433.00
Total - Sales	¥30,927,159.00
Gross Profit	¥30,927,159.00
Overheads	
4.10 - Meetings & Social Events Expense	¥2,074,947.00
4.30 - Advertising IEEE (Expense)	¥1,977,019.00
4.80 - Student Activities Expense	¥3,153,247.00
4.90 - Other Program Expenses	¥2,240,864.00
5.10 - Occupancy Expense	¥2,512,003.00
5.20 - Travel Expense	¥14,190.00
5.30 - Salaries Expense	¥4,991,689.00
5.40 - Payroll Taxes Expense	¥54,077.00
5.50 - Support to Sections/Chapters Expense	¥8,121,668.00
5.60 - Other Management & General Expenses	¥7,691,430.00
Total - Overheads	¥32,831,134.00
Operating Profit	-¥1,903,975.00
Net Profit/(Loss)	-¥1,903,975.00

- Any other financial activities
 Budget management was reinforced by monthly monitoring of executed activities of each committee and AG.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

Year	H Total	F Total	SM Total	M Total	AM Total	GSM Total	StM Total	Grand Total
2022	3	470	1,170	10,072	233	1,463	434	13,845
2021	3	475	1,147	10,123	244	1,358	403	13,753
2020	3	481	1,108	10,177	324	1,388	317	13,798

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members:
 - Two JC MD Meetings were held on June 13th and November 30th to share information of each section with 11 and 10 participants respectively.
 - A questionnaire was conducted to New Senior Members who received a memorial medal for the elevation to Senior Member and result in the memorial medal is effective to motivate to elevate to the Senior Member.
 - Advisory scheme for elevation to Fellow is implemented.
 - As a step to make IEEE more recognized in many events all over Japan, MD Coordinator had kept collaboration with chapters and Japan Office since 2019 to secure time slots for introduction of IEEE activities in the session of events and to install booths of IEEE promotion for distributing PR materials (MD kit) on the sites of the events. Japan Council ran a booth at following six international conferences to promote various activities for members in Japan.
 - ◇ Life Tech 2022 <https://www.ieee-lifetech.org/2022/index.html>
 - ◇ ICCCI 2022 <http://iccci.org/index.html>
 - ◇ WSCE 2022 <http://www.wsce.org/index.html>
 - ◇ ISLC 2022 <https://islc2022.org/>
 - ◇ GCCE2022 <http://www.ieee-gcce.org/2022/index.html>
 - ◇ IEEE 8th World Forum on Internet of Things <https://wfiot2022.iot.ieee.org/>

B.2 Chapter Activities

- Total number of Chapters in the Council:
Chapters under Japan Council had been moved to the sections. Total number of Chapters in the 9 Sections in Japan is 71.
- Number of Chapters formed in the current year is zero.
- Number of active Chapters (Chapters who have reported required number of meetings during the year) is more than 280.
- Summary of Chapter activities (Chapter wise with attachment table/information)
- Japan Council Chapter Operation Committee Meetings were held on June 8th and October 27th in hybrid with 91 and 81 participants respectively for all Chapters belonging to Sections in Japan Support policy, management manual, guideline for chapter awards were updated, and information was shared about a newly developed automated system for applying for events.
- Chapter awards and supports from Japan Council have been confirmed.

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information:

- In 2022 Japan Council intensively promoted educational activities mainly for online participants in the frame of “Engineer Spotlight”, new events proposed by R10. Japan Council supported Japanese version of Engineer Spotlight eight times in total in 2022.

- The 23rd Engineer Spotlight "Robotics, Society and IEEE" was held on February 4th with 31 attendees.
 - The 24th Engineer Spotlight "Producing elements huge underground factory -Sneak in the study field supported by engineering-"was held on February 20th with 58 attendees.
 - The 25th Engineer Spotlight "Joyful Student life ×Industrial collaboration× Manga" was held on May 20th with 20 attendees.
 - The 26th Engineer Spotlight "The adventure and achievement of HAYABUSA 2" was held on June 7th with 130 attendees
 - The 27th Engineer Spotlight" Role and endeavor of communication technology for achieving society implementation of Maas and automatic operation "was held on September 16th with 93 attendees.
 - The 28th Engineer Spotlight "Recommendation of digress – What an IT engineer learnt from teaching knitting. – "was held on September 30th with 33 Attendees.
 - The 29th Engineer Spotlight "If you receive Nobel Prize." was held on November 12th with 59 Attendees.
 - The 30th Engineer Spotlight "Taking Doctoral Courses while continuing to work at your jobs – "was held on December 6th with 108 Attendees.
- JC EA organized "Career Navigator" in Kodaira dai 2 junior high school. The navigators from variety of science fields to talk about their specialized field and experience to give some opportunities to think about the future career for 180 junior high school students.
 - Meeting with EA Chairs of each section were held on March 2nd, July 4th and November 24 to exchange information.
 - A meetings with IEEE EA held on June 16, 2022 on post edit of Machine translation.

B.4 Students Activities

- Total number of Student Branches in the Section
 - IEEE Student Branches have been established in 32 universities and 2 Sections in Japan (as of December 2022) and counselors assisted student activities in their branches.
- Number of Student Branches formed in the current year is zero.
- Council level student activities (student congress, paper and other contests, awards etc)
 - Japan Council supported a delegate from Student Branches in Japan to attend MAW and SYWL Japan 2022 in Tokushima, on October 7th –8th, 2022.
 - For inspiring student activities, eight plots for MANGA Project were applied and three of them were selected and awarded in the SYWL+I. Then, cartoonists have joined this project and are tailoring precise plots to create MANGA by the end of 2022.
 - Japan Council Student Branch Leadership Training Workshop (SBLTW) was held on June 10th online with more than 70 attendees. "Industry Collaboration Session" was held in this workshop for introducing the internship from four companies.
 - As mentioned previously, SBLTW Workshop in Okinawa was held on 18th and 19th November with 55 participants.

<https://sites.google.com/ieee-jp.org/sbltw2022/> (Japanese only)

- IEEE Student Branch Research Presentation Encouragement Workshop 2022 was held on November 25th in hybrid, at Nagoya Institute of Technology, Tokyo Metropolitan College of Industrial Technology and online. The workshop is to encourage SB activities through research presentations and activity reports, and to gain the IEEE SB awareness by promoting to the students in college of technology.
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year) is more than 21.
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 - SB in Tokyo University of Agriculture and Technology hold a 10th anniversary event on December 17.

B.5 Affinity Group Activities

- Young Professional (YP)
 - Japan Council YP supported for establishing new YP in Shikoku and Hiroshima and Fukuoka Section in 2022.
 - 2022 IEEE Region 10 SYWL Congress in Korea: August 11th to 14th. One YP engineer participated in the Congress.
 - Japan Council supported eight YP engineers financially to participate in MAW and SYWL Japan 2022 at Tokushima, on October 7th – 8th, 2022.
 - The 19th IEEE TOWERS was and will be held in three cities; on September 11th in Sendai, October 9th in Osaka and November 26th in Tokyo.
https://young-researchers.net/towers19th_lp/ (Japanese only)
 - Two YP Meetings were held in March and October, online and onsite respectably to share the plan and information.
- Women In Engineering (WIE)
 - First All Sections WIE chair meeting held on March 22nd, 2022 (five attendees). Discuss the current condition and future policy of WIE activities in Japan.
 - Annual Event “WIE 2022” was held at The National Museum of Emerging Science and Innovation and online on November 12th, organized by Tokyo/Shin-etsu Joint Section WIE and supported by JC WIE Coordinator. The total number of participants was 78 including IEEE members.
 - “International Women’s Day Online Coffee-break” and “International Women in Engineering Day Online Coffee-break” organized by Tokyo-ShinEtsu WIE and supported by JC WIE Coordinator were held on March 9th and June 23rd with 20 participants, respectively, to share information and for networking.
 - Japan Council supported delegates of WIE members in Japan to attend the MAW and SYWL+I Japan on October 7th –8th, 2022.
 - JC WIE Supported “WIE Award” in MANGA Project 2022 in September.
- Life Member (LM)
 - LMAG Coordinator supported life member activities in collaboration with section LMAGs.
 - 2022 IEEE Region 10 SYWL Congress in Korea was held from August 11th to 14th. LMAG Coordinator was invited and gave a speech about “Space Travel” participated in the Congress.
 - Kansai LMAG had 10th Anniversary celebration event and JC LM Coordinator gave a celebration speech.

B.6 Awards & Recognition Activities

- The Executive Meeting was held in hybrid on November 7th, 2022. Latest status and policy for nominations were discussed. Candidate nominations for various awards and fellows are encouraged.
- Award constituted by the Council
- Awards and Recognitions received by the Council, and members in the Section, from R 10 and IEEE HQ during the year are listed below.
 - [IEEE Technical Field Awards] IEEE Donald O. Pederson Award in Solid-State Circuits
 “For pioneering contributions to low-power, analog-to-digital converters in systems on a chip (SoCs) for digital video applications.”
 Akira MATSUZAWA (Tokyo Institute of Technology)
 - [IEEE MEDAL FOR ENVIRONMENTAL AND SAFETY TECHNOLOGIES]
 “For contributions to the development of rare earth-iron-boron permanent magnets for use in high-efficiency motors, generators, and other devices.”
 Masato SAGAWA (nonmember)— (NDFEB Corporation, Kyoto, Japan)

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

- Newsletter (name and number of issues in the year)
- Home Page of the Section (give the URL and how often it is updated)
 - Home Page of Japan Council has been updated. Information such as meeting/event schedule, award information, membership renewal promotion, chapter activity, annual election, and important management procedures have been updated.
<https://iee-jp.org/en/>
- Other means of contacts with Section members including social media
- E-mail is also used among the executive committee members to share information from IEEE headquarters or Region 10, to have supplementary discussion on the plans or activities, to move and adopt resolutions between executive committee meetings to expedite the activities, and so on. Japan Council, as well, communicated with council members through e-mail mainly for announcement of events using eNotice.
- JC Twitter and Instagram were implemented in 2022 to share information to young members and non-member of IEEE widely.
<https://twitter.com/jcsnsieeiporg1>
https://www.instagram.com/iee_jc_official/

B.8 Industry Relations

To promote the relationship with IEEE and industry in Japan, Industry Promotion Committee meetings were held on February 2nd, June 27th and November 11th, 2022 (online and hybrid).

- Membership growth and retention
 - IPC made some promotion goods such as bags and mug cups to promote IEEE and reward members.
- Activities for/with industrial members
 - MAW 2022 hosted by Shikoku Section and held in Tokushima on October 7th (onsite/online hybrid), with more than 50 on site participants and 20 attendees online. This event aimed to promote the activities of the section with local industries. Five lectures were delivered by engineers in the local industries, which much attracted the attendees.
<https://www.ieee-jp.org/section/shikoku/MAW2022/>
 - SYWL workshop was held on October 8th in 2022. “Industry” was also joined to SYWL Workshop in Tokushima this year and formed “SYWL+I”. Group discussions under

onsite/online hybrid environment, of which main theme was " ERAIYACCHA ERAIYACCHA ENGINEERS!". with more than 50 on site participants and 20 attendees online. Some companies had opportunity to introduce their business to the students in the event and a lecture about "Career development in companies" was given by a company executive.

<https://www.ieee-jp.org/japancouncil/affinitygroup/SYWL2022/>

- Also some companies distributed their promotion leaflets in SBLTW in Okinawa on November 18th-19th.
- IPC contributed to The 30th Engineer Spotlight "Taking Doctoral Courses while continuing to work at your jobs –" which was organized by EA and held on December 6th with 108 attendees.

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
- Tokyo SIGHT supported a lecture in The 27th IEEE Engineer Spotlight held on September 16th, 2022, "Role and endeavor of communication technology for achieving society implementation of Maas and automatic operation" (93 attendees).
- Tokyo SIGHT also co-organized "Career Navigator" with JC EA in Kodaira dai 2 junior high school. A member of Tokyo SIGHT participated in it as one of the navigator to talk about their specialized field and experience to give some opportunities to think about the future career for 180 junior high school students.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)"
None

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- Nature of relationship and details of any formal agreement signed :
- Japan Council supported the cooperation agreements between IEEE and 4 national academic societies and plans to make re-cooperation between IEEE and 1 other national academic societies.
<https://www.ieee.org/content/dam/ieee-org/ieee/web/org/about/corporate/governance/nsa-current.pdf>
 - agreement: SICE (The Society of Instrument and Control Engineers)
 - planning to make agreement: IEEJ (The Institute of Electrical Engineers of Japan) , ITE (The Institute of Image Information and Television Engineers) , MSJ (Magnetics Society of Japan) ,
- Details of joint activities

- Benefit to IEEE members (for example discounts, access to technical information etc.)
- IPSJ and SICE provide discount

C3. Collaboration with other IEEE Sections

- Japan Council supported more than 40 from SAC/YP/ LMAG/WIE members to participate in the R10 SYWL Congress in Korea, MAW 2022 & SYWL+I in Tokushima and SBLTW in Okinawa.
 - Japan Council supported Tokyo Section and Tokyo Section TPC for IEEE 2022 President K.J Ray Liu visit and lecture on November 1st. President K.J Ray Liu made a courtesy call to the Dean of the School of Engineering in the University of Tokyo and gave a lecture at the University of Tokyo. 130 people were attended and after the lecture, a session of interaction and communication between President Liu and IEEE members was arranged and it was fruitful interaction and discussion.
 - Support extended to neighboring Sections
 - Joint activities with any other Section
- Japan Council supported many section activities to provide Zoom and promotional giveaway at the events held in Sections in Japan.

C.4 Support extended to Sub-sections & Society Chapters within the Section

- Support extended for organising technical, educational and professional activities
- Joint activities for membership development
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

- For online communication, JC keeps “Zoom” license for JC, section and committee events and meetings.
- Continuing from 2020, Japan Council decided to keep ordering the memorial medal created by Japan Mint, an Incorporated Administrative Agency which produces nationally official coins and medals. The medals were presented to new senior members in every section in Japan. This is expected to appeal to potential senior members and to be a motivation for retention of membership.
- Japan Council prepared some novelties for promoting technical activities. They can be used as a reward to lecturers, supporting members, collaborating guests, and so on to present IEEE Japan Council’s gratitude and an appeal of its activities.

C.6 Problems anticipated and suggestions for solutions, if any

- Reporting, communication and decision-making is still to be improved for smooth activities, perhaps by system automation, procedure optimization, modifying role assignment, and so on.
- Due to COVID-19, the conventional method to hold events needed to change. In 2022 online or onsite-online hybrid types of events became common and there were more participants in many cases. However, some problems are still to be solves such as deep interaction, sub-group discussion, direct experience on demonstration, and onsite tours. Establishing common VR platform

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plans

- Japan Council discussed long range strategies for sustainable growth and future plans, in particular, in the Long Range Strategic Committee who had meetings three times: February 21st, June 24th, and November 11th. The major topics in 2022 were the growth of higher grade members Fellow and Senior Member, long term financial stability and sustainable growth with taking into account the currency exchange rate and membership, running JC promotion booth in international conferences, management of executive committee, Sections' anniversary event in 2023 and whole operations in the new normal era.
- In the activities for Long Range Strategic Committee, Japan Council Senior Member web site was renewed to provide the latest and useful information for members in Japan Council. The web site for Fellow information will also planned to be updated soon in 2023.
https://ieee-jp.org/kaiin/seniormember_requirements.html (Japanese only)
https://ieee-jp.org/kaiin/f_seido.html (Japanese only)
- Japan Council continues to work by forming a steering group consisting of YP, WIE, SAC, LMAG and Secretary to support sustainable activities of “Japan SYWL workshop”.

D.2 Goals and Future Plans

- To ensure the sustainable growth and financial stability considering exchange rate and membership
- Membership recruitment and retention
- To increase the relationship with IEEE and industry members, and to provide benefit for industry members as well as academic members
- To increase management efficiency and effectiveness
- To enhance collaboration:
 - Regional communities and other non-IEEE societies
 - Other IEEE sections (joint activities with neighboring sections)

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

- It is known that increasing fellow and senior grade members is effective for membership retention. For that purpose, it would be necessary that their qualifications be even more respected and attractive. IEEE may need to add valuable privileges to those members in extensive scenes of IEEE activities, e.g. IEEE invites more fellows/seniors to major IEEE conferences/events, or IEEE takes measures to make their presence higher to public, local/global communities, government and so on.
- For the retention and recruitment of industries, it may be effective to make more benefits to those organizations with a certain number of members, e.g. price discount for those in IEEE events.
- Point accumulation system for voluntary work or participation in IEEE activities may be useful for membership retention.
- It would be effective to make tighter relationship with industries to make rankings of the organizations open to public every year according to their contributions to IEEE, e. g. number of members, number of participants to IEEE events, special support to activities, and so on, in addition to presenting awards to them.

D.4 Business Plan for Sustainable Growth and Financial Stability.

- Selling tools and data for research use may be another source of income. They may be made by IEEE or provided by IEEE members. For example, AI models of proposed technologies and bigdata for public use are really valuable for many researchers as benchmark resources.

- Returning more portion of membership fee to local organizations (councils/sections) is very effective to enhance their activities. Particularly office management only by volunteers or few employees is very tough work for councils or sections with a large number of members.