

contents

02 Hydrogen from Yamanashi to the world

03 Prefectural government news

This month's topics

04 [Series] Yabe Taro x Takasugi 'Jay' Jiro go here and there in Yamanashi

The section chief's favorite haunts

(P4) "The two of us will introduce you to the various places in Yamanashi"

"We'll bring you a full range of Yamanashi's "seasonal" foods!"

(P2) "[Featured article] Yamanashi leads the world in hydrogen"

"We'll give it to five people. See page 4 for details"

"My favorite haunts are introduced on page 4"

"The results of over 50 years of research on hydrogen and fuel cells"

"If you understand what's happening in Yamanashi now, you'll understand what's happening in Japan now!"

Hello, this is Fureai Monthly.

"We want the people of Yamanashi to know more about Yamanashi!"

"Fureai Monthly" was born from Yamanashi Prefecture's strong desire.

Along with the newsletter "Fureai" which was published four times a year, we will deliver "seasonal Yamanashi" once a month.

The cover depicts the shape of Yamanashi Prefecture with photos of our friends who support the prefecture.

We look forward to creating a future together with many people.

Yamanashi x Hydrogen

Agricultural greenhouses are heated with heavy oil. That common sense may be overturned in Yamanashi Prefecture. Experiments to heat greenhouses with green hydrogen will begin in 2025. After all, Yamanashi is a leader in "P2G". The story is that the "Yamanashi Model P2G System", a device that converts sunlight into hydrogen, is spreading rapidly.

Uttar Pradesh, India

A basic agreement was signed to promote mutual exchanges. Proposal to launch a project to protect the Taj Mahal and other World Heritage sites by promoting decarbonization through the use of green hydrogen



California, USA

Agreement made with Renewables100, an organization working on hydrogen production and utilization



Tokyo

Yamanashi Prefecture-produced hydrogen was purchased at a trial "hydrogen exchange" to promote the spread of hydrogen energy (⑤, photo also). Shimizu Corporation is using hydrogen as an energy source at the innovation base "Onko Soushin no Mori NOVARE" and the Telecom Center Building (⑥, ⑦). Many more. See list.



Kose Minami Alps Factory (②)

It has been decided to use it as boiler fuel in the cosmetics manufacturing process
(scheduled to start in 2026)



Suntory Minami Alps Hakushu Factory (①)

Used in the manufacturing process of Minami Alps natural water. In the future, it will
become a hydrogen supply base for other areas.

Komekurayama, Kofu City

A major base for green hydrogen production



Locally-produced green hydrogen is also found here (other than those introduced in the
map and main text)

3. Hokuto City, Yamanashi Prefecture, Kitz Nagasaka Factory, Hydrogen
4. Nirasaki City, Yamanashi Prefecture, Tungaloy Nirasaki Factory, Hydrogen
8. Koto Ward, Tokyo (Shinsuna), Tomoe Shokai Hydrogen Station, Hydrogen
9. Koto Ward, Tokyo (Ariake), Tokyo Big Sight, Hydrogen
10. Tama City, Tokyo, TTK Hydrogen Station, Hydrogen

11. Ota Ward, Tokyo (Keihinjima), Tokyo Hydrogen Production Facility, Compact P2G System
12. Odawara City, Kanagawa Prefecture, Japan Hydrogen Odawara Sterilization Center, Hydrogen
14. Fukushima Prefecture, Tamura City, Himeji Rika Tamura Factory, Large-scale P2G system
15. Fukushima Prefecture, Shirakawa City, Sumitomo Rubber Industries Shirakawa Factory, Compact P2G system
16. Saitama Prefecture, Kawagoe City, Taisei Yurec Kawagoe Factory, Compact P2G system
19. Gunma Prefecture, Signing of "Basic Agreement on Promoting the Use of Green Hydrogen" to Collaborate on Hydrogen Supply Projects, etc.

Yamanashi Leads the World in Hydrogen

The "Yamanashi Model P2G System" is a device that creates and stores hydrogen (G) (gas) from P (power) generated by solar power generation. The 2 is for "to." The prefecture has been researching with private companies, and in 2021, it will be able to produce hydrogen produced in the prefecture. Since it is "green hydrogen" that can be produced without using fossil fuels, it is an honor student in the carbon neutral world.

This device is located in Komekurayama, Kofu City. It was a large piece of land that was supposed to become an industrial complex, but was thwarted by the collapse of the bubble economy. Tokyo Electric Power Company installed a large number of solar panels there and started solar power generation because Yamanashi has the longest sunshine hours in Japan. However, there is a limit to the demand for electricity, and there is a surplus. We want to preserve the electricity. That is why research has begun into converting it into storable hydrogen.

The key person is Masahiro Watanabe of Yamanashi University. He is a leading researcher in fuel cells in Japan and still serves as a senior advisor to the Yamanashi University Hydrogen and Fuel Cell Nanomaterials Research Center. Fuel cells are adept at "G2P," which creates electricity by reacting hydrogen with oxygen, and the opposite "P2G."

Now, take a look at the map and table. Green hydrogen is spreading rapidly. There are two ways it is spreading. The first is to install the "Yamanashi Model P2G System" itself. It is also available in compact size. It is also highly acclaimed for using pure water made by removing impurities from tap water, instead of alkaline electrolytic water, which is difficult to handle.

The spotlight is on the Suntory Minami-Alps Hakushu Factory (①) in Hokuto City. Suntory and 10 other companies plan to install 16 megawatts of equipment. Once completed, it will be the largest green hydrogen production base in Japan.

As production volume increases, hydrogen prices will fall. This is the path to overcoming the weakness of "high price." Yamanashi Prefecture, a leader in carbon neutrality, will take another step forward.

The second way to spread is "transporting hydrogen." At the UCC Fuji Factory (⑬) in Fuji City, Shizuoka Prefecture, hydrogen is used to roast coffee. Hydrogen allows for a wider range of temperatures, which creates new flavors. "There are many benefits to using hydrogen other than reducing carbon dioxide emissions. Meeting with companies teaches us this." These are the words of Kazuya Miyazaki, head of the New Energy System Promotion Division (as of March), who has been in charge of hydrogen business in the prefecture for a long time.

As for spreading globally, we have proposed decarbonization through the use of green hydrogen to the state of Uttar Pradesh in India (⑰). The day when hydrogen produced in Yamanashi saves the environmental problems of the Taj Mahal, a World Heritage site in the state, may not be far off. Please see page 3 for California.

Speech at the Climate Change Summit

Yamanashi Prefecture, which leads the country in the fields of hydrogen and fuel cells, is finally turning its eyes to the world. It is an effort to spread Yamanashi's standard technology and ideas to the world and solidify the foothold that "Yamanashi is synonymous with green hydrogen."

On February 27th (local time) this year, Governor Nagasaki participated in the International Conference on Climate Change (CRC2 Summit) held online in California. He gave a keynote speech titled "Aiming to achieve a decarbonized society through green hydrogen." The CRC2 Summit is a forum where experts from various countries, such as the University of California and the Pontifical Academy of Sciences of the Vatican City, gather and discuss, and is said to be one of the most prestigious international conferences on global warming countermeasures. In addition to the prefecture's advanced hydrogen-related efforts to date, the speech also introduced the challenges of the international consortium launched by the Fuji Five Lakes Natural Capital Region Forum (headquarters: Yamanashi Prefecture), which aims to realize a region that combines resort areas with the functions of the metropolitan area, such as the Fuji Tram, a means of transportation that runs on green hydrogen, and the realization of carbon-free agriculture. He also called on all countries to participate in a special CRC2 summit to be held in Japan in March 2026 in Yamanashi Prefecture. At the end of his speech, Governor Nagasaki stated, "We will contribute to the realization of a global decarbonized society by drawing up an attractive vision for a hydrogen society and participating in the creation of international rules," and loudly declared that Yamanashi Prefecture will be actively involved in the hydrogen revolution that is beginning around the world.

Prefectural News

NPO Corporation

Agreement signed to support children with incurable diseases and their families, aiming to expand users

On March 24, the prefecture and the certified NPO "National Network for Supporting Children with Incurable Diseases" (Bunkyo-ku, Tokyo) signed an agreement to work together to support children with incurable diseases and their families.

The organization runs Aozora Republic, a lodging facility in Hokuto City where children with intractable diseases or disabilities can spend time without hesitation with their families.

The prefecture will support activities such as the construction of walking paths and the holding of social events so that the facility can become a place where children with intractable diseases and their families from inside and outside the prefecture can gather and interact. Meanwhile, the organization will use its nationwide network and extensive experience and knowledge to provide support such as consultation and advice to children with intractable diseases and their families in the prefecture.

According to the organization's chairman, Oka Akira, users of Aozora Republic in Yamanashi Prefecture account for about 10% of the total. At the signing ceremony on March 24, he said, "Since it is located in Yamanashi Prefecture, I would be happy if the number of users increases."

Governor Nagasaki stated his determination to "realize a 'coexistence society' where people with intractable diseases can play an active role in their own way, starting from Yamanashi."

The prefecture will create an environment where many children suffering from incurable illnesses from across the country can gather and interact with their families, giving them the energy they need to face life in treatment.

(Photo) Aozora Republic accommodation building surrounded by rich nature



Topics of the month

• Prefectural employee recruitment exam (university graduate level [regular category]) 〈Recruitment〉

Applications start from May 2nd

▶ Application period May 2nd (Fri) to 21st (Wed) 5:15pm ※Applications are accepted online only ▶ 1st exam date June 15th (Sun) ▶ Where exam information is distributed Posted on the prefectural website or at the general information desk on the first floor of the prefectural office main building (both from May 2nd (Fri)) ▶ Recruitment job types and number of people Posted in the exam information and on the prefectural website ▶ Salary According to prefectural regulations ▶ Major changes General knowledge exams abolished for all technical professional positions

Contact Personnel Commission Secretariat

TEL 055-223-1821

FAX 055-223-1819

• Pay your automobile tax by June 2nd! 〈Notice〉

In addition to financial institutions and convenience stores in the prefecture, you can also pay with smartphone payment apps (PayPay, d-payment, etc.) You can also check frequently asked questions about automobile tax (category tax) on LINE.

For more information, please check the Yamanashi Prefecture official LINE account after May 1st.

Contact: Motor Vehicle Tax Center

TEL: 055-262-4662

FAX: 055-263-2421

• Applications for selection test for public school teachers have begun 〈Recruitment〉

▶ Application period: Wednesday, April 30th, 10:00am - Tuesday, June 3rd, 5:00pm
▶ First test: Sunday, July 6th
▶ Where to get the test guide: Posted on the prefecture's website or at each education office
▶ How to apply: Register as a user on Yamanashi Kurashi Net and upload your application form and other data
▶ Salary: According to prefecture regulations

Contact: Compulsory Education Division

TEL: 055-223-1757

FAX: 055-223-1759

• **"Labor consultation session" to be held by members of the Labor Commission** 〈Notice〉

Members of the Labor Commission will provide free consultations to resolve workplace troubles. This service is available to both those who are employed and those who are unemployed.

▶ Date and time: 10:00am to 12:00pm, June 9th (Mon) to 11th (Wed) ▶ Location: Prefectural Office North Annex 3rd floor, Labor Commission Members' Room, East Side Reserve Room

▶ Application period: Until 5:00pm, June 2nd (Mon) ▶ How to apply: Telephone (reservation required)

Contact: Labor Commission Secretariat

TEL: 055-223-1827

FAX: 055-223-1828

• **Support for expanding peach and plum production** 〈Recruitment〉

We will support the introduction of machinery necessary for production to encourage new farmers to start farming and expand production of peaches and plums, which boast the highest production volume in the country.

▶ Subsidy recipients: Farmers and organizations who will be cultivating or expanding peaches and plums on 20a or more by February 1, 2026. ▶ Subsidized machinery: Elevators, lawnmowers, etc. ▶ Subsidy rate: Up to 1/2 of the subsidized expenses ▶ Subsidized ceiling: 20a or more but less than 50a: 250,000 yen, 50a or more: 1,000,000 yen

*For details, please check the prefecture's website.

Contact: Fruit and Sixth Industry Promotion Division

TEL: 055-223-1601

FAX: 055-223-1599

• **Have you had it? Statutory inspection of septic tanks** 〈Notice〉

The manager of a septic tank must have a statutory inspection once a year.

We check whether the purification function is being maintained normally and whether the water quality of the water discharged meets the standards.

Don't forget to take the inspection.

▶ Application period All year round

▶ How to apply By phone or mail

Contact Yamanashi Prefecture Septic Tank Association

TEL 055-288-1132

• **Supporting children with incurable diseases and their families - Donations are now being collected through hometown tax! <Recruitment>**

To support the activities of the "Aozora Republic", a facility run by the National Network for Supporting Children with Incurable Diseases, a certified NPO, we are collecting donations through crowdfunding (hometown tax).

Donations will be used for environmental improvement and event management within the facility.

▶ How to apply Register the necessary information on the dedicated application form and pay using the payment notice that will be mailed to you at a later date

Contact Health Promotion Division

TEL 055-223-1496

FAX 055-223-1499

• **Beware of troubles with road service fees! Be careful of troubles such as being charged a high fee even though you thought you had requested a cheap road service. <Notice>**

● If your car breaks down, contact your insurance company first!

● Do not trust the fees explained on the website or over the phone!

If you are in trouble, please contact the following.

Contact information: Consumer Hotline

188 (Iya-ya) *National

(We will guide you to the nearest city, town, village, or prefecture consumer affairs consultation office)

Yabe Taro and Takasugi 'Jay' Jiro go to Yamanashi, here and there

〈Two people who are the most knowledgeable about Yamanashi among Yoshimoto Kogyo's talents〉

Various stories from here and there, starting with the eight rare fruits and the slaying of demons

Yabe Taro (manga artist, comedian)

Born in Higashimurayama, Tokyo. Made his manga debut in 2017 with "Oya-san to Boku" (My Landlord and I), which became a bestseller. Appears as Otomaru in the 2024 taiga drama "Hikaru Kimi e". His latest publication is "Yabe Taro's Hikaru Kimi e".

Takasugi 'Jay' Jiro (sports DJ, radio DJ)

Born in Katano, Osaka. DJing is American-trained. Also a special lecturer at Yamanashi Prefectural University. Appears live on FM stations in Yamanashi every Saturday from 11am. SUP school at Fuji Five Lakes and other places.

Taro: Jiro, it's getting warmer and it's fruit season. Looking forward to it.

Jiro: Speaking of fruits in Yamanashi Prefecture, it's Kosshu Hachinchika. If you know this word, you'll be praised (laughs).

Taro: As expected of Jiro.

Jiro: I've been living in Yamanashi for 18 years.

Taro: I've been appearing on TV shows in Yamanashi for 10 years, and Jiro has taught me a lot about Yamanashi.

Jiro: No no, Taro-sensei, please take care of me (laughs).

Taro: Stop it, sensei (laughs). It would be hard to draw a picture of the eight rare fruits, so maybe we should reduce it to four rare fruits.

Jiro: No (laughs). It's an old rule.

Taro: Out of these, which one do you like, Jiro?

Jiro: I guess grapes. My neighbors give me fruit. They're called "rejects" and don't make the top dollar.

Taro: Since I've been coming to Yamanashi, I've started preferring hard peaches. They're about as hard as an apple and really tasty.

Jiro: I'm from Kansai and peaches come from Okayama, so the peaches here were a shock.

Why are they hard? Why do you eat them with the skin on?

Taro: Jiro, you went to Momoyama Gakuin University, right?

Jiro: That's not relevant (laughs). Besides, Yamanashi has its own Momotaro legend.

Taro: Really?

Jiro: It's said that there was an ogre living on a mountain called Iwadonoyama, which can be seen from Otsuki Station, and that Momotaro defeated him.

Taro: So that's where he lived.

Jiro: There's a bridge called Saruhashi along the Koshu Kaido, and there are also place names like Torisawa and Inume.

Taro: So all the companions are there. Is Iwadonoyama a high mountain?

Jiro: It's a good mountain for hiking. You can come from the capital, climb it, eat some peaches and then go home.

Taro: It's the season of fresh greenery, so Jiro-san, let's climb together. I'll give you some Shingen mochi (laughs).

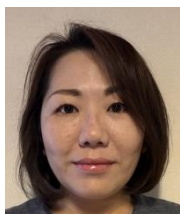
The favorite haunt of the curious manager

This time, we will be introducing

YSK e-com Corporation, Public Solutions Business Headquarters, First Solutions

Department Manager

Katsu Miki (47)



Someday, I'll have a girls' night out with my daughter

I used my paid leave to have lunch alone on a weekday. It's a reward to myself when I think, "I worked hard this month!" I was impressed by the excellent compatibility of the thin pasta noodles called Fedelini with the cream sauce. I just became a manager last September. When I was asked about my promotion, I was hesitant. Even though my workplace has many female managers, I make it a motto to "leave work on time." Still, by being conscious of efficiency, I've realized that I can leave work at 6 p.m. and aim to advance my career. I would be happy if my example can encourage the young people who follow me. I have two daughters, one in junior high school and one in elementary school, so I would like to have a girls' night out with the three of us someday, but I'm not going to tell anyone about this

restaurant yet. It's my own private oasis where I can relax without being disturbed by anyone.

DEARS ITALIAN AND BAR

1174 Zaiketsuka, Minami-Alps, Yamanashi 400-0221

Telephone number: 055-284-4468

Business hours: [Monday-Thursday] 11:30-14:30 (last order) / 17:30-23:30 (last order)

[Friday, Saturday] 11:30-14:30 (last order) / 17:30-2:00 (last order)

Closed: Sundays



Reader gift

Answer the survey and enter!

Please answer the following ❶-❺ and the survey.

Please enter using the "Application Form".

❶Postal code ❷Address ❸Name ❹Age ❺Telephone number

※Each person may only enter once.

Q: What content in this issue interested you the most and why?

*We may introduce some of the opinions we received.

Click here for the application form.

<https://forms.office.com/r/bFWZ58Xude>

Deadline: Saturday, May 31st, postmark valid on that day.

The shipment of the product will serve as the announcement of the winner.

Personal information may be used for product shipment and notifications from the prefecture.

Set of 3 additive-free dressings - 5 winners selected by lottery



For more information on "Yamanashi, Towards a Delicious Future," please visit the prefecture's website.

FUREAI MONTHLY is also available in English and Chinese.

FUREAI MONTHLY also has English and Japanese versions.

Fureai Monthly Vol.1

May 1, 2025

Published by Yamanashi Prefecture Public Relations Group

1-6-1 Marunouchi, Kofu City, 400-8501

TEL 055-223-1338 FAX 055-223-1525

The next issue will be inserted on Sunday, June 1.