



東北大学 事業イノベーションセンター

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Renew the world's energy industry with "quantum hydrogen energy" that produces neither CO2 nor nuclear waste



Clean Planet Co., Ltd.

1-5-1 Marunouchi, Chiyoda-ku, Tokyo Shin-Marunouchi Building 10F
www.cleanplanet.co.jp
Contact: pr@cleanplanet.co.jp

We will work on the development and dissemination of a new clean and safe energy "Quantum Hydrogen Energy" that does not emit any carbon dioxide and does not have the risk of runaway accidents that are a concern in nuclear power generation. Aiming to introduce social infrastructure as a wide range of power sources such as power generation devices that supply electricity to the most environmentally friendly smart cities and office buildings, and installation in electric vehicles, it will be indispensable for people's lives to replace thermal power generation and nuclear power generation in the future. We are also considering practical application as a "base load power source" that does not exist.



(President Yoshino (right) and Professor Iwamura (left) working on the commercialization of quantum hydrogen energy day and night. The research and development base "KAWASAKI BASE" in Kanagawa Prefecture is full of engineers and scientists.)

The need for "new energy" that I strongly felt in the nuclear accident

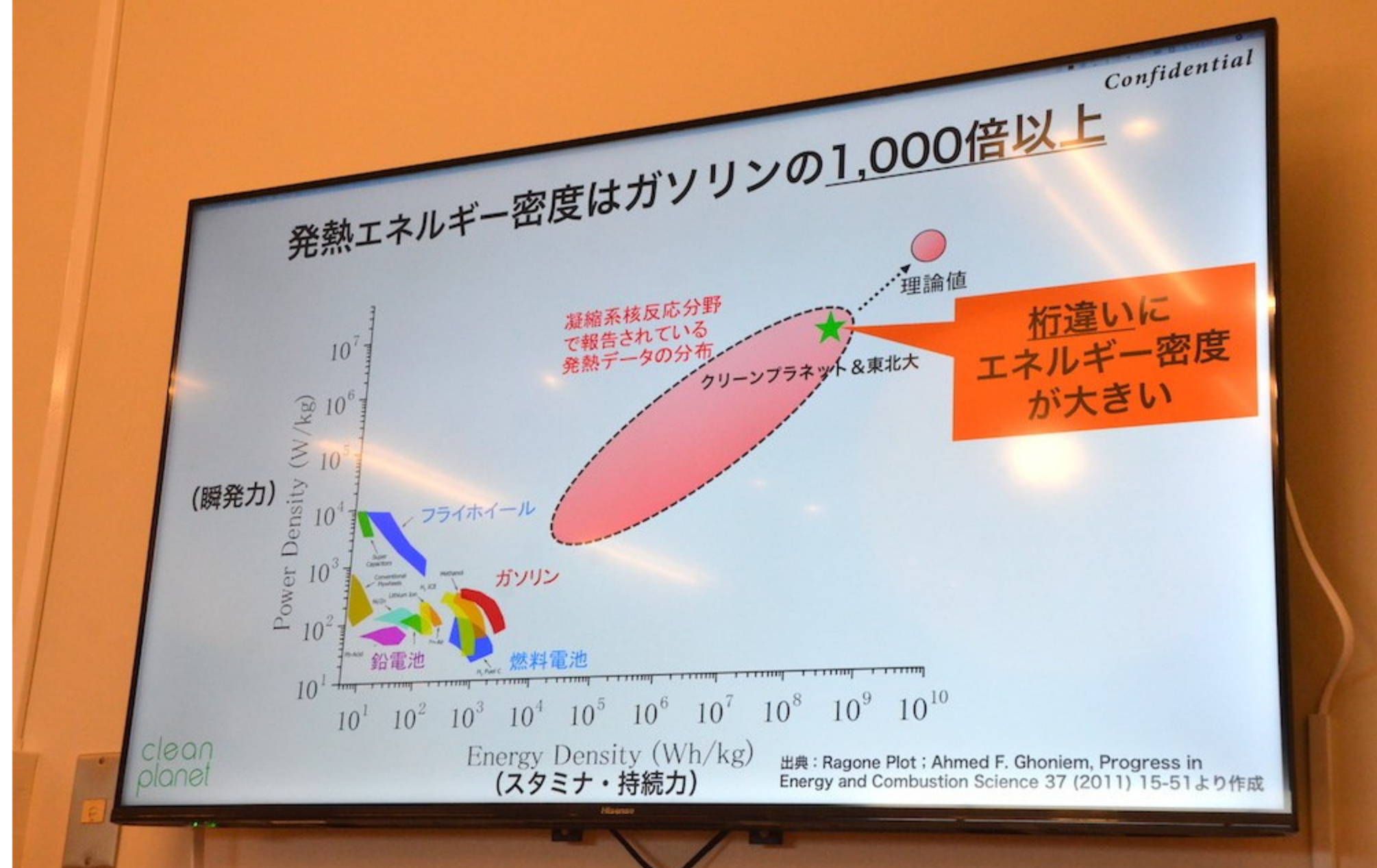
Hideki Yoshino, who launched the English conversation class "GABA" while attending the Faculty of Law at the University of Tokyo, said, "Let's change the future of Japanese people with English skills." After getting the company's management on track, the Fukushima Daiichi Nuclear Power Plant accident occurred in 2011, when he lived in Canada as an environmental investor, and said, "For the future of humankind and nature, it is completely new on a global scale. I need an energy system."

Just in the world, research is progressing on the fusion phenomenon "condensation nuclear reaction", which was discovered in 1989 and was once denied by rumors, and venture companies trying to use this phenomenon as a new energy source are in the world. It was starting to stand up inside. Yoshino, who felt great potential for condensed fusion, founded "Clean Planet" in 2012, and while attending related international conferences, he was an R & D leader who was studying the same field at Mitsubishi Heavy Industries at that time. Meet Mr. Yasuhiro Iwamura.

Both laugh at each other, "I felt that they were the type to break through with passion." "It was the moment when the tiger and the dragon formed a tag team," recalls Yoshino. Later, in 2015, when Clean Planet launched a joint research division "Condensed Nuclear Reaction Joint Research Division" with Tohoku University, "New Energy, New Future (Let's open up the future of humankind by inventing new energy)". "I invited Mr. Iwamura to Tohoku University as a courtesy of Sanko," and Mr. Iwamura became a specially appointed professor. The challenge of full-scale research and practical application of next-generation energy using condensed nuclear reactions has begun.

Establishing a unique power generation method in the world's new energy development competition

Until now, it has been said that nuclear fusion occurs only in an ultra-high temperature of 100 million degrees Celsius or higher, but "condensation-based nuclear reaction" is a phenomenon in which nuclear fusion occurs at room temperature to several hundreds of degrees Celsius under special circumstances. Although it has not been completely clarified in theory, it has a huge energy density that is more than 1000 times that of gasoline, it is cheap to use hydrogen as fuel, and there are no resource restrictions. Is attracting attention from. Unlike nuclear power generation, which generates energy from "nuclear fission," no nuclear waste is generated and no chain reaction occurs, so runaway accidents such as meltdown do not occur.



(It is said that both energy density and output density have already achieved more than 1000 times that of gasoline.)

Professor Iwamura and his colleagues named the energy generated from this condensed nuclear reaction "quantum hydrogen energy" and established a unique heat generation method. We have developed a small generator that occludes light hydrogen in nanoscale nickel and copper and stimulates it under certain conditions to cause a condensed nuclear reaction to generate electricity. A demonstration machine capable of generating 100 watts has already been completed, and a demonstration machine capable of generating 1 kilowatt is scheduled to be completed by the end of the year. Representative Yoshino said, "The demo machine is one of the core models for scaling the business from now on. Based on this, we will make a model that can generate 100 kilowatts and 1 megawatt in the future to solve the world's energy problems. I want to solve it all at once."

Generators using "quantum hydrogen energy" are currently being talked about with companies in all industries, such as installation in electric vehicles, building power supply equipment, and introduction as new energy in cities. Professor Iwamura said, "If you want to install it in a car, you need something that is resistant to vibration, and if you introduce it as a building power source, you need more power generation than size. We are in the starting stage for this."



(Durability experimental machine (left) and quantum hydrogen energy device 100W model (right) Lab is full of quantum hydrogen energy and experimental devices)

"Let's create the future of humankind by changing old and new energy"

In the world, more than 75 companies and organizations, mainly in Europe, the United States and China, such as Google, Renault, and Bill Gates' foundation, are already participating in the development competition for power generation by the condensed nuclear reaction. Among them, Mr. Yoshino is confident that he has obtained eight patents for basic parts, controls, systems, etc., and has obtained patents in 10 countries other than Japan, leading the world in patents.

In the future, based on the power generation method using "quantum hydrogen energy" established in research with Tohoku University, we aim to popularize new energy by incorporating this technology into products and mass-producing it. "We aim not only to create this technology, but also to disseminate it. It is necessary to mass-produce this technology in cooperation with companies that can incorporate elements (of generators) into products and disseminate it worldwide as a social infrastructure. Yes. If you have a company or administrative division that wants to realize a new social infrastructure with this energy, please feel free to contact us," said Yoshino.

The grand goal beyond that is to popularize it as a base load power source that supports the lives of people around the world, which can replace thermal power generation and nuclear power generation. Representative Yoshino said, "The limited resources of the earth are the greatest challenge for humankind. We would like to utilize Japan's world's best scientific and technological capabilities to create the future by changing old and new energy." Professor Iwamura said, "The results are steadily coming out more than I expected. It is a very significant challenge to open up a new field where nuclear physics and condensed matter physics are fused academically. For Japan. For that matter, I want to do it for humankind."



(President Yoshino (right) and Professor Iwamura (left) proudly talk about their dreams for a futuristic society in front of an experimental device during an exothermic reaction. "A free atmosphere like a Silicon Valley startup venture.")



clean planet

REPORT

Unicorn "Clean Planet" from Tohoku University

Aiming to put the world's first "innovative clean energy" into practical use, solving global environmental problems challenged by the attention unicorn

#Unicorn company #advanced technology #20s active

Publication date: 2020/11/30 Update date: 2021/02/18

Job posting



A solution to global warming. Clean Planet is aiming to put "quantum hydrogen energy," the world's first innovative clean energy, to practical use. Estimated market capitalization 129.8 billion yen. In the "Estimated market capitalization ranking of domestic startups" announced in September 2020, it is expected to be the second-generation unicorn (* 1). This time, we asked two employees in their 20s who work at the company about "experiences and rewards gained" and "common items of human resources who can play an active role".

>>> Click here for a list of jobs on Clean Planet

A solution to global warming. Revolutionary clean energy from Japan to the world.

The conclusion of the Paris Agreement (* 2) and the SDGs (* 3) appealed by the United Nations require "promotion of cheap clean energy", and ESG investment (* 4) is progressing worldwide. Attention is increasing.

How can we effectively prevent "global warming," which has a great impact on nature, society, and the economy, with new clean energy? Innovation in the "energy field" is required worldwide, and development competition is intensifying around the world.

Under these circumstances, Clean Planet is attracting attention with the aim of putting the world's first epoch-making new "quantum hydrogen energy" into practical use from Japan. Shareholders include Japan's leading real estate developers and electric power companies. The estimated market capitalization is 129.8 billion yen. As a next-generation unicorn known to those in the know, it promotes basic research and practical research in the same energy field, and is attracting great expectations worldwide.

* 1... Latest version of domestic startup market capitalization ranking (September 2020)

https://media.startup-ds.com/research/marketcap-ranking-202009

* 2... International on climate change issues after 2020 Framework. The successor to the "Kyoto Protocol".

* 3... Sustainable Development Goals

* 4... Investment that emphasizes and selects companies that consider the environment, society, and corporate governance

What is "Quantum Hydrogen Energy"?

Next-generation clean energy technology that uses hydrogen as fuel and brings an enormous energy density that is more than 1,000 times that of gasoline. The feature is that it does not emit carbon dioxide (CO2) or radiation that is harmful to living organisms. There is no danger of runaway accidents that are a concern with nuclear power generation. Expectations are high as "safe, stable, inexpensive clean energy" that will be the next generation of "renewable energy".

Heat sources and generators that use quantum hydrogen energy are already under consideration by companies in all industries and industries. Specifically, it can be installed in an electric vehicle or a power generation device that supplies electric power to a smart city office building. Clean Planet is looking to put it into practical use as a "base load power source" that is indispensable for people's lives as an alternative to thermal power generation and nuclear power generation. We aim to build the "best infrastructure" of the next-generation society by using "quantum hydrogen energy" that can easily coexist with the global environment and society.



A member of the Clean Planet development team working day and night on the commercialization of quantum hydrogen energy. The research and development base "KAWASAKI BASE" in Kanagawa Prefecture is full of energy with engineers and scientists.

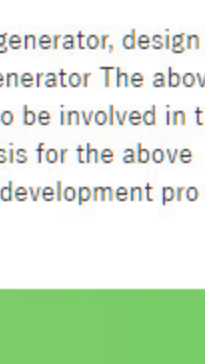
Invent the "future" through creative collaboration between industry and academia

In particular, Clean Planet's strength can be said to be "creative collaboration between industry and academia." In April 2015, a joint research department (condensation nuclear reaction research department) was established with Tohoku University, and a demonstration machine using a unique heat generation method has already been completed. Obtained "8" patents for basic parts, controls, systems, etc. of heat generating devices that use quantum hydrogen energy. We have obtained patents in 10 countries around the world.

We will cooperate and support next-generation energy inventions with educational research institutes and researchers to match the innovative "technical seeds" at the basic research stage with the "energy needs" in each industry. We are considering the spread of "quantum hydrogen energy" to the world using the technology licensing of small generators with extremely high power generation efficiency.

Click here for jobs related to this article

[Business development and sales staff] Venture company that develops new clean energy and capital tie-up with major energy companies



Clean Planet Co., Ltd.

□ 5 million yen to 10.49 million yen □ Tokyo, Kanagawa Prefecture

Specifically ... ・ Formulation of marketing strategy, proposal-type new corporate sales, understanding of customer needs; ↳Move to realize what kind of product to propose to which customer while involving in-house engineers I will have it. ・ Development of business alliances (manufacturers, etc.), coordination of alliance contents; ↳Development of cooperating factories for product manufacturing, etc.

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[R & D engineer] Venture company that develops new clean energy and capital tie-up with major energy companies



Clean Planet Co., Ltd.

□ 5 million yen to 7.99 million yen □ Kanagawa Prefecture

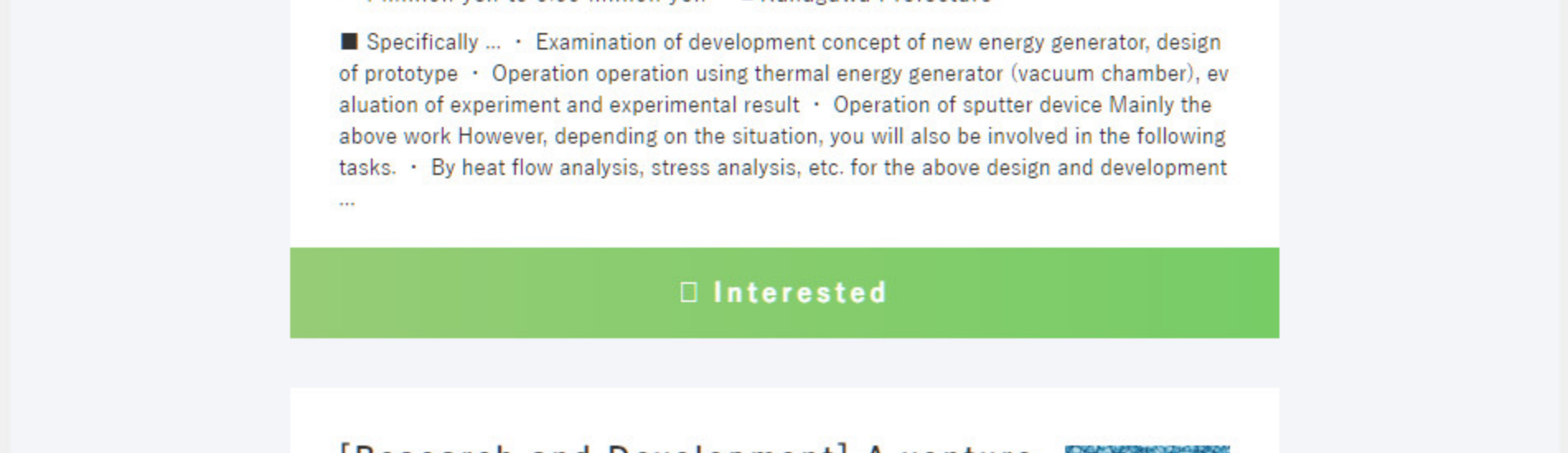
■ Specifically ... ・ Examination of development concept of new energy generator, design of prototype ・ Development and commercialization of thermal energy generator The above work will be the main work, but depending on the situation, you will also be involved in the following work... ・ Evaluation by heat flow analysis and stress analysis for the above design and development ・ Planning and drafting of development plans, development process management, patent application, etc. ■ Management team ...

Interested

Career gained at Clean Planet, talked about by employees in their 20s

In fact, what kind of career can you get by working at Clean Planet? We asked about the common items of human resources who can play an active role in the development department and the management department.

"I work at a development base called "KAWASAKI BASE". It is a department that develops demonstration equipment for putting the basic research conducted at Tohoku University into practical use and shows it to the outside. What is unique is , Development style. There are few instructions and it is left to the initiative of the developers. Some developers specialize in design and calculation, and members like me who have a strong desire to "spread" Also explains the research contents to the outside. Can you think and execute your ideas? To be honest, it may not be suitable for those who want to do only what they are told. Also, even if they have a lot of knowledge, they think too much. In that sense, especially if you are in your twenties, academic ability and knowledge are not so important except for the basics. In terms of development, I am the only member in my twenties. , Opinions are very easy to express and flat. Since it is a field that has not been clarified yet, it is easy to say anything. I think that can play an active role "(Development position: Shoichi Murakami)



Shoichi Murakami (29): Photo (left) As a new graduate, he experienced a dealership and became No. 1 in new car sales. After that, I went on to graduate school. After graduating, I belonged to a researcher dispatch company and was in charge of basic research on quantum hydrogen energy at Tohoku University, so I met Clean Planet. After about two and a half years of basic research, he joined the company in July 2020 as a developer of Clean Planet.

Miki Kanaya (28): Photo (right) Joined a food manufacturer in April 2015. Responsible for preparing various documents as general office work. To Clean Planet in March 2020. Currently, he handles all administrative departments such as clerical work, accounting, human resources, and finance.

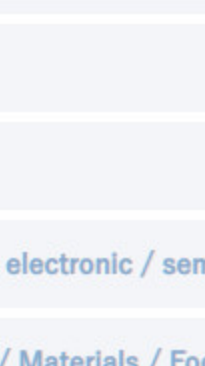
"In my previous job, I used to do general affairs at a company with about 50 people, but Clean Planet has only 6 people in the entire management department. At first, I was surprised that at this was a venture company because there were many completed parts. At the same time, it was fascinating to be involved in a wide range of management department work and gain knowledge, not just one department. At the interview, I was told that by working for a growing company, I could acquire a wide range of skills in accounting, finance, general affairs, and human resources. I had only done it before, but now I am exposed to a wide variety of tasks such as accounting, personnel relations, and preparation of financial statements.

It may be suitable for those who want to be involved in various tasks in the management department rather than fixed tasks. There are only ventures that are expected to grow, the atmosphere inside the company is bright, and the president is just powerful!! All employees are raised by that energy and are able to work with high motivation. I think it's important to get used to this atmosphere. "(Management department: Miki Kanaya)

The company is actively hiring human resources who will lead the next generation in each department. Clean Planet is expected to make a leap forward after 2021. Now, it should be an opportunity to join the company at this time and repeat corporate growth and personal growth.

Click here for jobs related to this article

[Development engineers / young people] Venture companies that form capital tie-ups with major energy companies and develop new clean energy



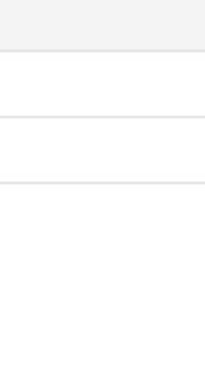
Clean Planet Co., Ltd.

□ 4 million yen to 6.99 million yen □ Kanagawa Prefecture

■ Specifically ... ・ Examination of development concept of new energy generator, design of prototype ・ Operation operation using thermal energy generator (vacuum chamber), evaluation of experiment and experimental result ・ Operation of sputter device Mainly the above work However, depending on the situation, you will also be involved in the following tasks. ・ By heat flow analysis, stress analysis, etc. for the above design and development ...

Interested

[Research and Development] A venture company that develops new clean energy and capital tie-ups with major energy companies



Clean Planet Co., Ltd.

□ 5 million yen to 6.99 million yen □ Kanagawa Prefecture

Specifically ... ・ Experiment to confirm the performance of heat-generating elements ・ Experiment device trial / design ・ Experimental plan / experiment implementation / analysis evaluation ・ Production of thin-film nanometer and material analysis / material quality evaluation ■ About the management team ・ Approximately We have the world's leading experts who have continued research in this field for more than 20 years in our research team, and we have abundant experience, excellent knowledge, connections across the world, strong emotions ...

Interested

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Business development and sales representative Venture company that develops new clean energy and capital tie-up with major energy companies

- Full-time employee

Overseas expansion available (Japanese global company)

Initial public offering preparation

Venture company

No management work
- Annual income of 5 million yen to 10.49 million yen

Tokyo Station
- Publisher en Middle career change



See details at the publisher

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Business planning / Open source software for stable business operations of major capital ...

- Tokyo

Annual income 6 million yen to ...

Full-time employee

Listed company
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- 3 minutes walk from Gotanda S...

Annual income 8 million yen to ...

Full-time employee

Fully equipped with company insurance...

Transportation expenses

Listed company

Saturdays, Sundays, and holidays
- NINJA - More than 30 days ago

Responsible for M & A, corporate restructuring, capital and business alliances, and new businesses?

- Chiyoda-ku Hanzomon Station

Annual income 8 million yen to ...

Full-time employee

Listed company
- Jasnet Carrier

- More than 30 days ago

New business development Major energy company

- Tokyo

Full-time employee

Full-time employee

Michael Page

- More than 30 days ago

Overseas Business Development / Overseas project development / M Overseas Business Development / Overseas project development / Major Japanese energy ...

- Tokyo

Annual income 7 million yen to ...

Tokyo

Annual income 7 million yen to ...

Full-time employee

120 days of annual leave

120 days of annual leave

Make the most of your language

Saturdays, Sundays, and holidays
- Randstad Career Advancement Career Change

- More than 30 days ago

Out-licensed / affiliated machines in the business development department of a major domestic global pharmaceutical company ...

- Tokyo

Annual income 7.5 million yen t...

Full-time employee

Flex system

2 days a week
- A. Human

- More than 30 days ago

Job Description

Ahead To The Looking Commercialization And Organizational Expansion Of "Quantum Hydrogen Energy," Which Is An Innovative New Clean Energy. It Will Play An Important Role In Drawing Up Business Strategies For Heat-Generating Devices And Other Products That Utilize This Energy. Specifically ...

- Formulation of marketing strategy, proposal-type new corporate sales, understanding of customer needs:
 - Move to realize what kind of product to propose to which customer while involving in-house engineers I will have it.
- Development of business alliance partners (such as the production destination), the Alliance contents break-:
 - such as the development of cooperation factory of when the product manufacturing

■ about the experience and knowledge obtained after joining attract attention even in the energy industry "quantum hydrogen energy (previously You can contribute to the development of the entire industry by being involved in the fields that were called" condensation nuclear reaction, cold fusion, etc.). It is attracting worldwide attention and is aiming for practical use by 2021.

- Our company has succeeded in developing world-class technology through joint research with Tohoku University. In the unique heat generation method developed by our team, nanoscale materials mainly composed of inexpensive metals (nickel and copper) and light hydrogen occluded there are mutually stimulated under certain conditions. It acts and causes an excessive heat generation phenomenon in the low temperature region of 1,000 ° C or less. The heart "reaction parts" that support this heat generation phenomenon incorporate unique uniqueness everywhere, and have reached the level of practical use as an energy source.

Position / role

[Business development and sales staff] Venture company that develops new clean energy and capital tie-up with major energy companies

Qualification requirements

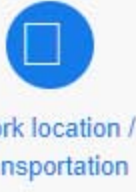
- Those who have experience of mandatory / proposal type corporate sales.
- Those who are interested in or interested in the environmental field and new energy field
 - Those who are motivated and want to challenge new fields
 - Those who have high interpersonal negotiation ability.

- Welcome
- Sales experience
 - Energy industry experience
 - Science background
 - Science background
 - Those who really want to change the world

Recruitment background

We are currently working on the practical development of "quantum hydrogen energy" through an industry-academia collaboration system with Tohoku University. We are accelerating commercialization during 2021 while further advancing front-line research activities. For practical use, we are receiving capital participation from major energy companies and real estate development companies that represent Japan one after another. Furthermore, we do not aim to create this technology, but consider it important to disseminate it as a social infrastructure. Eventually, we are aiming to popularize it as a base load power source that supports the lives of people around the world, which can replace thermal power generation and nuclear power generation. This time, we are looking for a person who can entrust the work to the mission from formulation to execution of business strategy for heat generating elements and other products for commercialization.

* Quantum hydrogen energy It is a safe, low-cost, highly efficient new energy that does not emit CO2. It has been attracting attention worldwide in recent years, and we are the first in the world to carry out research and development. We are waiting for applications from those who can draw a business strategy for heat generating elements and other products that utilize this energy.



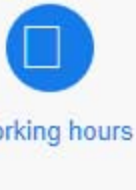
- Tokyo Head Office: 1-5-1 Marunouchi, Chiyoda-ku, Tokyo Shin-Marunouchi Building 10th Floor
Nearest Station: Tokyo Station
- Clean Energy Engineering & Products: 1-12 Minami Watada-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa Think Research Building C 6
Nearest station on the floor : Tsurumi Line / Hamakawasaki Station
Nearest station on the floor : Tsurumi Line / Hamakawasaki Station



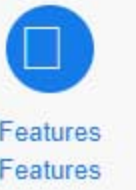
- 5 million yen --1,049 yen (including bonuses)
- 5 million yen --1,049 yen (including bonuses)
- monthly salary (basic salary): 40 million to basic pay 304,700 yen + fixed overtime pay 95,300 yen
- * achievements compensation plans
- * achievements compensation plans
- * fixed overtime time is 40 hours / month
- overtime of * the excess overtime Additional allowance



Full-time employee (The trial period is 6 months. There is no change in the conditions during the period.)



- 9: 00-18: 00 (Regular working hours: 8 hours 0 minutes)
Break time: 60 minutes
- Holiday vacation**
- 124 days of holidays
- Complete weekly holidays 2 days (Saturdays, Sundays, and holidays)
- Paid holidays 10 to 20 days
- Summer holidays (3 days), year-end and New Year holidays



- Overseas expansion available (Japanese global company)
- Initial public offering preparation
- Venture company
- No management work

Clean Planet Co., Ltd.

Business content / company features

We are developing the practical application of "quantum hydrogen energy", which is an innovative new clean energy, and aim to spread it all over the world. By designing a small generator with extremely high power generation efficiency that is "safe, secure, and inexpensive" and its technology licensing, we will spread unprecedented "safe, stable, inexpensive" clean energy to every corner of the world.

See details at the publisher

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【研究開発担当】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業	✕
株式会社クリーンプラネット	
神奈川県川崎市川崎区 年収5,000,000～8,000,000円 正社員 フルタイム／レギュラー 3ヶ月前 NEW研究・開発（化学・素材・食品・衣料）	
【研究開発担当】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業	
株式会社クリーンプラネット	
海外展開あり（日系グローバル企業） 株式公開準備 ベンチャー企業 マネジメント業務なし	
募集要項	
募集背景 弊社は現在、東北大学との産学連携体制によって「量子水素エネルギー」の実用化開発に取り組んでいます。最前線の研究活動をさらに進展させながら、2021年度中の商用化を加速させています。	
実用化に向け、日本を代表する大手エネルギー企業、不動産開発企業に続々と資本参加していただいております。さらに、当社はこの技術を作ることを目的としておらず、社会インフラとして普及させていくことを重要と考えております。	
ゆくゆくは火力発電や原子力発電をも代替しうる、世界の人々の生活を支えるベースロード電源としての普及を目指しております。	
最前線の研究活動を進展させながら、実用化・商用化を加速させていくため、「量子水素エネルギー」の研究から商用段階フェーズへの移行チームを立上げをミッションに業務をお任せできる方の採用を考えています。	
※量子水素エネルギーについて	
安全、低コスト、CO2も排出しない高効率な新エネルギーになります。近年世界的に注目を集めており、弊社では世界にも先駆けて研究・開発を行っています。このエネルギーを活かした発熱素子やその他製品の事業戦略を描いていただける方からのご応募をお待ちしております。	
仕事内容	
革新的な新クリーンエネルギーである「量子水素エネルギー」の商用化と組織拡大を見据え、研究活動をさらに進展させながら、研究から商用段階フェーズへの移行チームの立ち上げに研究者として携わって頂きます。 具体的には...	
・発熱素子の性能確認実験	
・実験装置の試作・設計	
・実験計画・実験の実施・解析評価	
・薄膜状ナノ金属の製作と材料分析／材料の品質評価	
■経営チームについて	
・約20年以上にわたって本分野の研究を継続してきた世界屈指のエキスパートを研究チームに揃え、豊富な経験、優れた知見、世界をまたぐ人脈、強力な情報収集力などが、当社が世界的に第一線を走り続ける大きな原動力となっています。	
■入社後得られる経験や知見について	
・エネルギー業界でも注目を集める「量子水素エネルギー（以前に凝縮系核反応、常温核融合、等の呼び名で呼ばれていた分野）」に携わっていただくため、業界全体の発展に貢献することができます。世界的に注目されており、2021年を目安に実用化を目指しています。	
・弊社は東北大学との共同研究を通じて世界でもトップクラスの技術の開発に成功しています。当チームが開発した独自の発熱メソッドでは、安価な金属（ニッケルや銅）を主体とするナノスケールの材料と、そこに吸蔵させた軽水素が、一定の条件下で刺激を加えることによって相互に作用し、1,000℃以下という低温領域で過剰な発熱現象を引き起こします。この発熱現象を支えている心臓部「反応パーツ」には、唯一無二の独自性が随所に取り入れられており、エネルギー源としての実用化レベルに到達しています。	
応募資格 必須 ・スパッタ装置の使用経験	
・無機系素子等の研究経験と実験データ分析の経験	
・真空装置の操作経験	
・研究開発計画の企画・立案、開発工程管理	
・環境分野、新エネルギー分野に興味のある方	
・やる気があり、新しい分野にチャレンジしたい方 歓迎 ・半導体、液晶等の薄膜を扱っていた経験	
・量子水素エネルギー分野への関心	
・ご自身で今後歩んでいく人生の目的や目標などを明確にお持ちな方	
・本気で世界を変えたいと思っている方	
雇用形態 正社員（試用期間は6ヶ月となります。期間中、条件面に変更はありません。）	
ポジション・役割 【研究開発担当】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業	
勤務地 ・クリーンエネルギー・エンジニアリング&プロダクト：神奈川県川崎市川崎区南渡辺町1番12号 Think研究C棟6階 最寄り駅：鶴見線／浜川崎駅	
勤務時間 9:00～18:00 （所定労働時間：8時間0分） 休憩時間：60分	
年収・給与 500万円 ～ 800万円（賞与含む）	
月給：40万～ 基本給304,700円+固定残業代95,300円 ～ 基本給419,000円+固定残業代131,000円 ※固定残業時間は40時間／月 ※超過した時間外労働の残業手当は追加支給円	
待遇・福利厚生 通勤手当、健康保険、厚生年金保険、雇用保険、労災保険、ストックオプション制度、社員持ち株制度あり	
休日休暇 休日日数124日 完全週休2日制（土日祝日） 有給休暇10日～20日 夏季休暇（3日間）、年末年始休暇	
選考プロセス 書類選考→1次面接→最終面接（代表）→内定	
会社概要	
社名 株式会社クリーンプラネット	
事業内容 ・会社の特長 当社は、革新的な新クリーンエネルギーである「量子水素エネルギー」の実用化開発を行っており、世界への普及を目指しています。「安全・安心・安価」な発電効率が極めて高い小型発電機のデザインとその技術ライセンスングにより、これまでにない「安全、安定、安価」なクリーンエネルギーを、世界のすみずみにまで普及させます。	
設立 2012年9月	
資本金 資本金等：8億3,509万円（資本金:7,888万円、資本剰余金:7億5,621万円 *2020年10月現在）	
売上高 非公開	
従業員数 12名 エン ミドルの転職	
詳細概要 & 応募	
この求人案件を自分のEメールに送信する 保存 シェア この会社をフォローする 同様のお仕事 【研究開発担当】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業	
株式会社クリーンプラネット	
神奈川県川崎市川崎区 年収5,000,000～6,990,000円 変更はありません。） どんなポジション・役割か 【研究開発エンジニア】 大手エネルギー企業との資本提携・新研究開発担当】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業 どこで働くか ... 3ヶ月前 【研究開発エンジニア】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業	
株式会社クリーンプラネット	
神奈川県川崎市川崎区 年収5,000,000～8,000,000円 （機械・メカトロ） 【研究開発エンジニア】 大手エネルギー企業との資本提携・新クリーンエネルギー開発...エンジニア】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業 勤務地... 3ヶ月前 【研究開発エンジニア】 大手エネルギー企業との資本提携・新クリーンエネルギー開発を行うベンチャー企業	
会社概要	
パートナー	
よくある検索	
職種のキーワード	
勤務地から検索	
[Kenkyū kaihatsu tantō] ôte enerugi kigyô to no shihon teikei shin kurin'enerugi kaihatsu o okonau benchâ kigyô kabushikigaisha kurinpuranetto kanagawakenkawasakishi Kawasaki-ku nenshû 5,000,000～8,000,000-en seishain furutaimu/regurâ 3kagetsu Espanol	

[Research and Development] A venture company that develops new clean energy and capital tie-ups with major energy companies Clean Planet Co., Ltd.	☆
Kawasaki-ku, Kawasaki-shi, Kanagawa Annual income 5,000,000-8,000,000 yen Full-time / regular 3 months ago NEW Research and development (chemistry, materials, food, clothing)	
[Research and Development] A venture company that develops new clean energy and capital tie-ups with major energy companies	
Clean Planet Co., Ltd.	
Overseas expansion available (Japanese global company) Initial public offering preparation Venture company No management business	
Application Requirements	
Background of recruitment We are currently working on the practical development of "quantum hydrogen energy" through an industry-academia collaboration system with Tohoku University. We are accelerating commercialization during 2021 while further advancing front-line research activities.	
For practical use, we are receiving capital participation from major energy companies and real estate development companies that represent Japan one after another. Furthermore, we do not aim to create this technology, but consider it important to disseminate it as a social infrastructure.	
Eventually, we are aiming to popularize it as a base load power source that supports the lives of people around the world, which can replace thermal power generation and nuclear power generation.	
Those who can entrust the work with the mission of setting up a transition team from research on "quantum hydrogen energy" to the commercial phase in order to accelerate practical application and commercialization while advancing front-line research activities. I am thinking of hiring.	
* About quantum hydrogen energy	
It is a safe, low-cost, highly efficient new energy that does not emit CO2. In recent years, it has been attracting worldwide attention, and we are the first in the world to conduct research and development. We are waiting for applications from those who can draw a business strategy for heat generating elements and other products that utilize this energy.	
Job Description	
In anticipation of commercialization and organizational expansion of the innovative new clean energy "quantum hydrogen energy", you will be involved as a researcher in setting up a transition team from research to the commercial phase while further advancing research activities. ... In particular...	
・ Performance confirmation experiment of heat generating element	
・ Prototype and design of experimental equipment	
・ Experiment plan ・ Experiment implementation ・ Analysis evaluation	
・ Manufacture of thin-film nanometals and material analysis / material quality evaluation	
■ About the management team	
・ We have the world's leading experts who have continued research in this field for more than 20 years in our research team, and we have abundant experience, excellent knowledge, personal connections across the world, strong information gathering ability, etc. It is a big driving force to keep running on the front line.	
■ About the experience and knowledge gained after joining the company	
・ Because you are involved in "quantum hydrogen energy (formerly known as condensed nuclear reaction, cold fusion, etc.)", which is attracting attention in the energy industry, we can contribute to the development of the entire industry. I will. It is attracting worldwide attention and is aiming for practical use by 2021.	
・ Our company has succeeded in developing world-class technology through joint research with Tohoku University. In the unique heat generation method developed by our team, nanoscale materials mainly composed of inexpensive metals (nickel and copper) and light hydrogen occluded there are mutually stimulated under certain conditions. It acts and causes an excessive heat generation phenomenon in the low temperature region of 1,000 ° C or less. The heart "reaction parts" that support this heat generation phenomenon incorporate unique uniqueness everywhere, and have reached the level of practical use as an energy source.	
Qualifications required ・ Experience using spattering equipment	
・ Experience in research on inorganic devices and experience in analysis of experimental data	
・ Vacuum device operation experience	
・ Planning and drafting of R & D plans, development process management	
・ Those who are interested in the environmental field and new energy field	
・ Welcome to those who are motivated and want to challenge new fields ・ Experience dealing with thin films such as semiconductors and liquid crystals	
・ Interest in the field of quantum hydrogen energy	
・ Those who have a clear purpose and goals for their future life	
・ Those who really want to change the world	
Employment form Full-time employee (The trial period is 6 months. There is no change in terms of conditions during the period.)	
Position / Role [Research and Development] Venture company that develops new clean energy and capital tie-up with major energy companies	
Work location ・ Clean Energy Engineering & Product: 1-12 Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa Think Research Building C 6th floor Nearest station: Tsurumi Line / Hamakawasaki Station	
Working hours 9: 00-18: 00 (Regular working hours: 8 hours 0 minutes) Break time: 60 minutes	
Annual income / salary 5-8 million yen (including bonus)	
Monthly salary: 400,000 ~ Basic salary 304,700 yen + fixed overtime fee 95,300 yen ~ Basic salary 419,000 yen + fixed overtime fee 131,000 yen * Fixed overtime is 40 hours / month * Additional overtime pay for overtime work	
Treatment / Welfare Commuting allowance, health insurance, welfare annuity insurance, employment insurance, workers' accident compensation insurance, stock option system, employee holding system available	
Holiday vacation 124 days off Complete weekly two-day system (Saturdays, Sundays, and holidays) Paid leave 10 to 20 days Summer vacation (3 days), year-end and New Year holidays	
Selection process Document selection → 1st interview → Final interview (representative) → Unofficial decision	
Company Profile	
Company name Clean Planet Co., Ltd.	
Business Description / Company Features We are developing the practical application of "quantum hydrogen energy," which is an innovative new clean energy, and we are aiming to spread it around the world. By designing a small generator with extremely high power generation efficiency that is "safe, secure, and inexpensive" and its technology licensing, we will spread unprecedented "safe, stable, inexpensive" clean energy to every corner of the world.	
Established September 2012	
Capital, etc. Capital: 835.09 million yen (Capital: 78.88 million yen, Capital surplus: 756.21 million yen * As of October 2020)	
Private sales	
12 employees Enmiddle job change	
Detailed overview & application	
Send this job to your email	
Save share	
Follow this company	
Similar work	
[Research and Development] A venture company that develops new clean energy and capital tie-ups with major energy companies	
Clean Planet Co., Ltd.	
Kawasaki Ward, Kawasaki City, Kanagawa Prefecture Annual income 5,000,000-6,990,000 yen There is no change.) What kind of position / role [Research and development] Capital tie-up with major energy companies / new research and development] Capital tie-up with major energy companies / venture companies that develop new clean energy Where do you work? 3 months ago [R & D engineer] Venture company that develops new clean energy and capital tie-up with major energy companies	
Clean Planet Co., Ltd.	
Kawasaki Ward, Kawasaki City, Kanagawa Prefecture Annual income 5,000,000-8,000,000 yen (Machine / Mechatronics) [R & D engineer] Capital tie-up with major energy company / new clean energy development ... Engineer] Capital tie-up with major energy company / venture company developing new clean energy Work location ... 3 months ago	
Company Profile	
partner	
Frequently searched	
Job title keywords	
Search by work location	