

Our Activities and Future Prospects in Clearance Metal Recycling

福井南高等学校
Fukuiminami High school

Airi Nakamura
Second-year student,
Asai Seminar



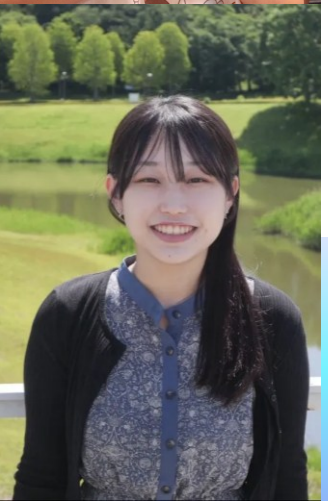
Self-Introduction

Airi Nakamura

Joined the Asai Seminar immediately after enrolling in Minami High School.
Studying and exploring the back-end of nuclear power generation from an educational perspective.

Currently serving as the seminar’s treasurer and networking coordinator, actively connecting with peers and sharing information with them of the same generation nationwide.





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Yuno Mori

Participated in launching the "Survey of High School Students' Mindset/Attitude Towards Nuclear Energy" immediately after enrolling in Minami High School. In 2022, joined a clearance metal recycling project as a founding member; in March 2024, spearheaded the installation of streetlights made of clearance metals along the route to school, as Japan's first public infrastructure made from clearance metals. Since entering university, I have continued studying and engaging in practical activities to promote clearance systems, revitalizing hosting communities and building consensus on nuclear power generation. I am a third-year student at Keio University.

Current Status of Streetlight Installation and CL-Net

SDGs

Problem
[Global Issues]

Decommissioning
Recycling of resources

Problem
[Local Issues]

Resolving the issue
of dark streets

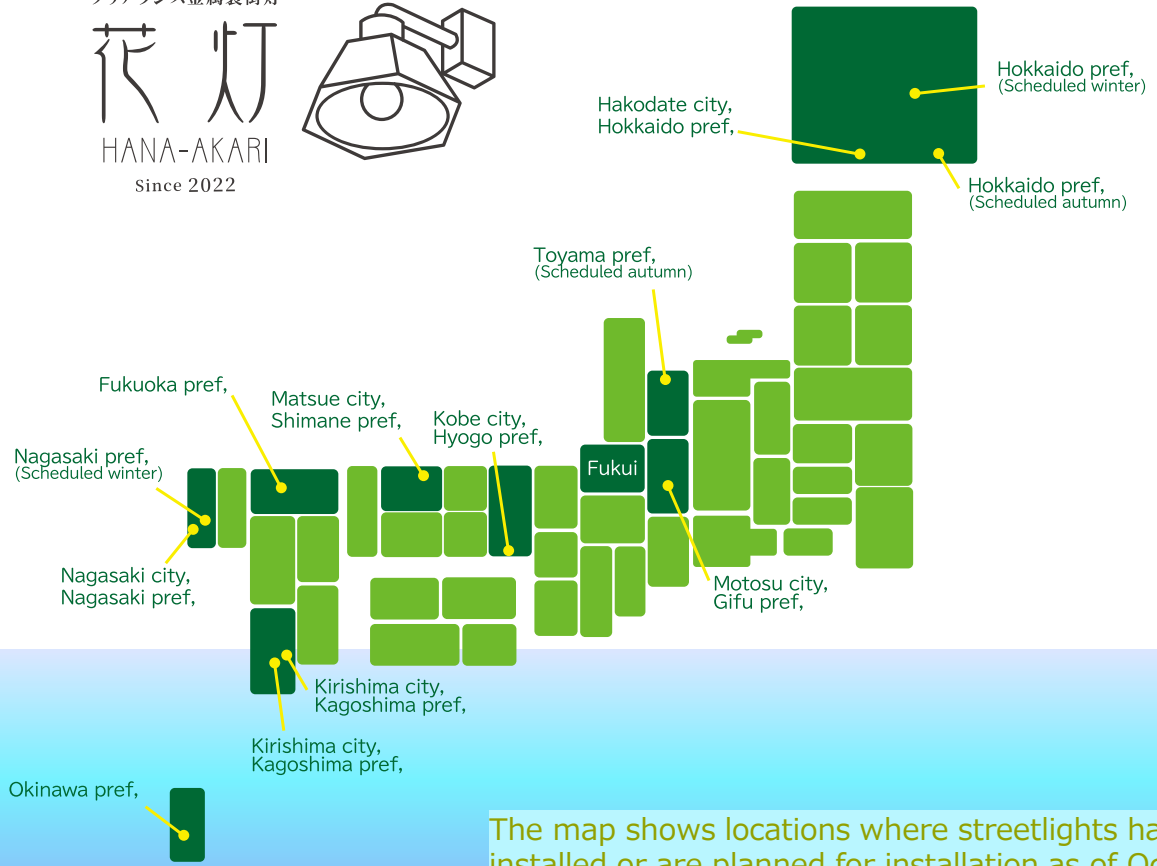
Problem
[Nationwide Issues]

Promoting industries
Building a foundation for dialogue

Problem
[Regional Issues]

Current Status of Streetlight Installation and CL-Net

クリアランス金属製街灯
花灯
HANA-AKARI
Since 2022



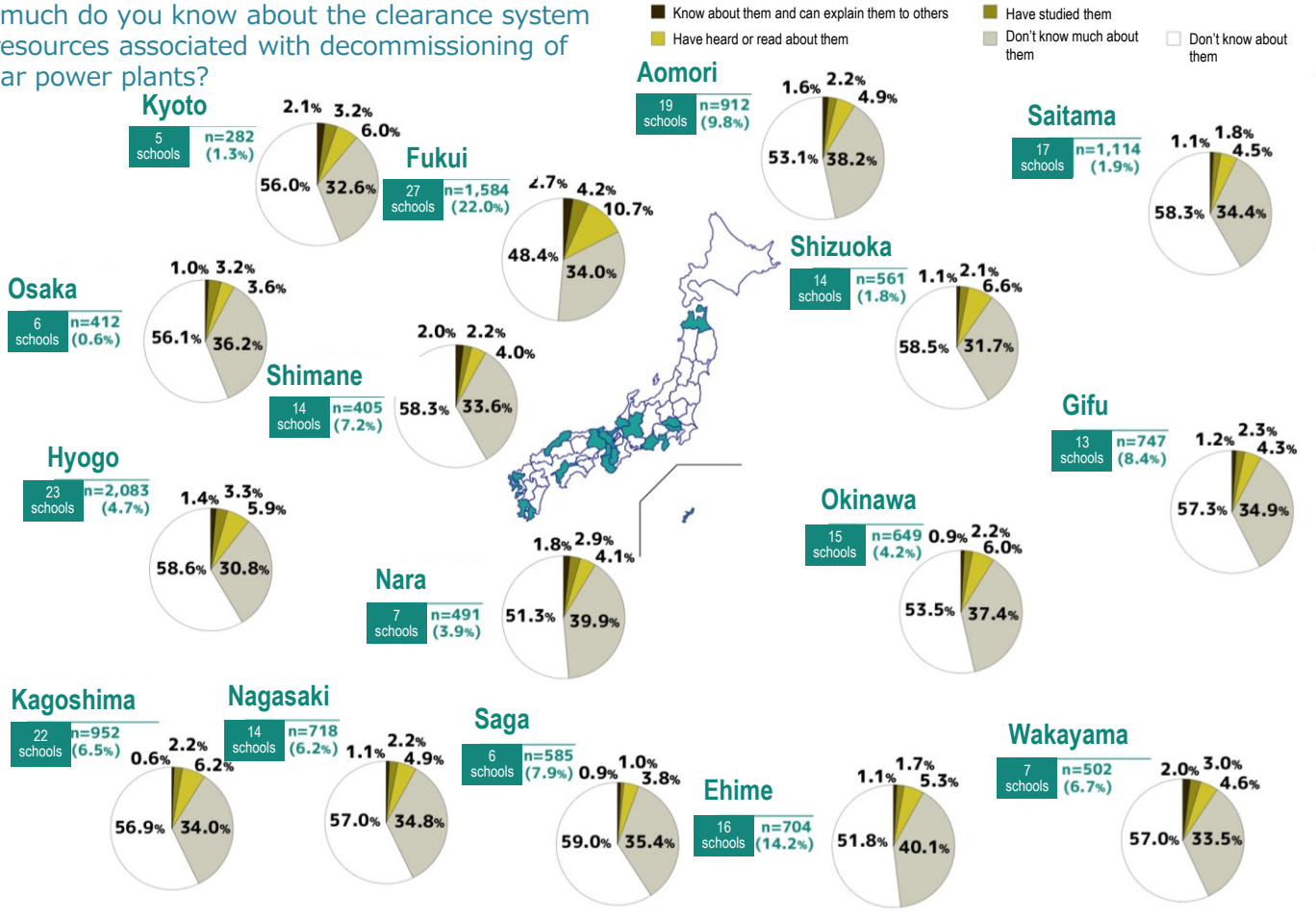
The map shows locations where streetlights have been installed or are planned for installation as of October 5, 2026.

Significance of Installation

1. Student-led resolution of school issues
   e.g., Benefits vs. inconveniences following installation
2. Explaining the initiative to the school, the PTA, and other stakeholders
   e.g., Gap between safety and a sense of security
3. Determining streetlight designs and the content of public signage
   e.g., Decision-making within an organization
4. Consultations with contractors regarding installation
   e.g., Solving issues from an economic perspective
5. Post-installation usage and future outlook
   e.g., School-specific educational initiatives
6. Preserving records and planning inter-school exchanges
   e.g., Organizing exchange events and launching a website

Future Issues and Outlook

12. How much do you know about the clearance system and resources associated with decommissioning of nuclear power plants?



Fostering Interaction and Mutual Understanding among Peers





Current Status of Streetlight Installation and CL-Net







Fostering Interaction and Mutual Understanding among Peers







Fostering Interaction and Mutual Understanding among Peers

- **Broaden horizons from “nuclear energy” to a wide range of interests and academic fields!**
- **Make “fun” and “connection” the gateways to learning!**
- **Connect with peers nationwide to explore and solve social challenges together!**
- **Embrace the joy of the unknown!**

Acknowledgements

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We would like to express our sincere gratitude to all of them.

CL-Net