Vacant House Revitalization Project 1

- Exploring Activities by Tokachi Creation –

, **Matsui Shoya** Onodera Sakuya, Orimoto Sora, Kikuchi Yosichika

Overview

Revitalize vacant houses, which are increasing in Honbetsu, and use them for shops and residences

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1. Introduction

The reason I chose vacant houses as a theme was because I had heard on the news that the number of vacant houses was increasing nationwide, and I thought that this might apply to Honbetsu Town as well.

2. About the problem

Regarding the issues, the following three points were examined.

(1)Should we reduce vacant houses?

(2)Are vacant houses increasing?

(3)Reasons for the increase in vacant houses

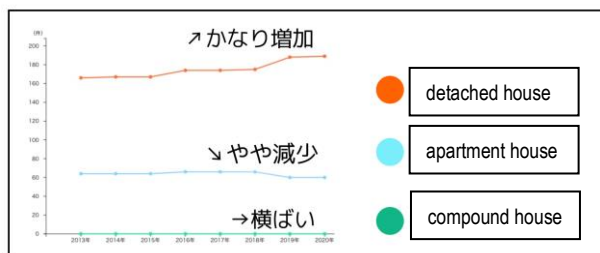### 3. About the current situation analysis

(1) is considered necessary to be reduced because of the possibility of deterioration of the landscape, the occurrence of pests and vermin, damage due to collapse, illegal dumping, arson, etc. As for (2), it can be said that there is an overall increase from [Graph 1] of RESAS (1).

Changes in the number of vacant houses by type

［Graph 1: Transition of vacant houses］

［Graph 2: Population trends in Honbetsu Town and Sapporo City］

As shown in [Graph 2] of RESAS (1), (3) tends to decrease in the number of students or working people aged around 20 to 30, while it tends to increase in urban areas. Therefore, it is thought that there are many people who leave town to go on to higher education or find a job, and there are many accompanying family members.
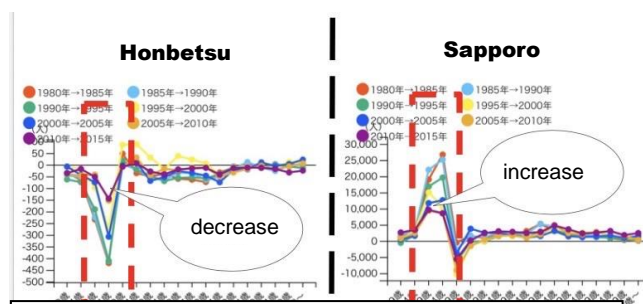
4. About the hypothesis

The hypothesis is that if we increase the number of places where people can work, companies will move and the number of vacant houses will decrease. Specifically, vacant houses will be refurbished into stores, school buildings, and offices, and the number of vacant houses will be reduced by allowing companies that have invited them to use them. In addition, by increasing the number of buildings mentioned above, it is thought that it will be possible to go on to higher education and find employment in Honbetsu Town.

5. About the solution

First, organize the proposals that have come up so far using 5W1H. Among them, I focused on what.

（The content of "What" is as follows）

(1) Repairing an empty house by our students

(2) Advertise the attractiveness of Honbetsu and promote migration. At that time, the vacant house will be used as a residence.

(3) When purchasing or renting a property, if a vacant house is given priority, the town will provide subsidies and preferential treatment.

Plans (1) and (2) are not realistic or effective. It was decided to proceed with discussions centering on proposal (3).

Therefore, we conducted a subsidy survey

conducted by each municipality. In addition to Honbetsu Town (2), Urahoro Town (3) and Otofuke Town (4) were selected as samples for the survey, and subsidies were compared. Then, it turned out that the content is similar not only for assistance related to vacant houses, but also for many assistance. Therefore, we thought that we could not differentiate ourselves from other municipalities with the financial assistance from the town that we considered in plan (3). It is a proposal to develop

Up until now, the plan had been to appeal to the town itself to encourage people to move and make use of the vacant houses. This app serves as an intermediary between people who want to let go of a vacant house and people who want a vacant house. It is similar to a property search app or a vacant house bank, but it is possible to post properties that cannot be posted on them, in other words, it aims to differentiate itself by significantly lowering the posting conditions.

The main operation is to display a list of vacant houses and select the one you are interested in to display the details.

For details, in addition to information such as the address, condition, location, seller's desired price, additional information, furniture interior catalog information, information on the building renovation company closest to the vacant house, and the website of the municipality where the vacant house is located. We believe that by adding other functions such as maps and advanced search functions, it will be possible to find vacant houses that meet your needs.

6. Achievements and challenges

I summarized the results and challenges of the efforts as follows.
[Outcome]
・Although it was not realized, we were able to propose a highly original solution.
・I gained more knowledge by researching buildings, mainly vacant houses.
・I was able to learn tips and techniques for making presentation manuscripts and slides

more convincing.
[Task]
・I couldn't realize the application production.
・When I got stuck in coming up with ideas and proposals, the situation got worse and I couldn't get better.
・The member failed to meet the deadline.
・There was no division of roles throughout.
・Insufficient discussion among members.

Based on these issues, we believe that the following measures should be taken in the future.
○ I need to find out more about vacant houses and apps.
○ It is necessary to take opportunities for fieldwork.

7. Conclusion

It was not an easy activity to think and act on one's own under the theme of solving local issues. I got stuck many times, and even though I said it was a group activity, I took on the task alone.

However, continuing to think without giving up was an experience that allowed me to grow greatly. There was something I regretted during the activity. It's just that I couldn't make an app. Every time I made a presentation, I was advised that "unless you try to make it yourself, it will not be credible." However, the fact that I could not move on to production due to many things, such as the fact that I could not decide on the details, the lack of technology and funds, and the lack of time, can only be said to be due to my own lack of ability.

My honest impression is that it is difficult to decide whether to continue or not. It seems to deny the above content, but in the first place, creating an application requires technology or a large amount of money. We don't have the technology to create an app, and we need to collect the costs through crowdfunding. However, there is no guarantee that enough money will be collected. Also, even if the app is completed, it is necessary to engage in operation, and even if it is

outsourced, it will cost more. Considering these things, I think it is difficult to use mornings and after school activities because career activities will start from now on and they will not be covered in class.

Acknowledgments

Vacant House Revitalization Project 1 - Exploring Activities by Tokachi Creation –

Sakuya Onodera, Shoya Shoya, Matsui Shoya, Orimoto Sora, Kikuchi Yositika

1. Introduction

Reduce vacant houses in Honbetsu

2. The problem

The problem is that the number of vacant houses is increasing nationwide, so it might apply to my town

3. About the current situation analysis

We decided that it was necessary to reduce the number of vacant houses. If there are vacant houses, there is a possibility that they will become a hotbed for crimes such as deterioration of the landscape, the occurrence of pests and vermin, damage due to collapse, illegal dumping and arson. Therefore, we decided that it was necessary to reduce the number of vacant houses. Since the number of increases exceeds the number of decreases in the graph, it can be said that the number of vacant houses in Honbetsu is increasing.

4. About the hypothesis

If we increase the number of places where we can work, the number of vacant houses will decrease as companies move.

5. About the solution

Create a matching app.

Specifically, vacant houses will be refurbished into stores, school buildings, and offices. In order to reduce the number of vacant houses, companies are invited to use them.

6. Achievements and challenges

[**outcomes**]

We were able to tackle problems without answers.

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[**Task**]

We didn't get to the end of building the app. It ended in the middle.

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7. Conclusion

Have them carry on what they have done to the next school year.

Acknowledgment

Unoccupied house regeneration project

Sora Orimoto, Shoya Matsui, Teraya Onodera, Keigen Kikuchi

Overview

Reduce vacant houses in Honbetsu
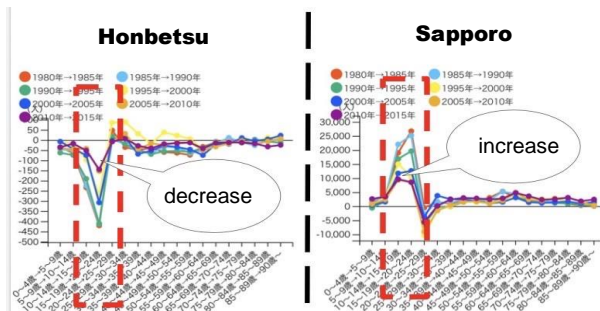
1. Introduction

The reason for the theme of vacant houses is that I heard in the news that the number of vacant houses is increasing nationwide, and I thought that it might also apply to Honbetsu Town.

2. About the problem

When I investigated the number of vacant houses, I found that the number of vacant houses in Hombetsu is increasing year by year, so I made the issue of how to reduce the number of vacant houses.

3. About the current situation analysis

I investigated the subsidies of Honbetsu and other towns, and the age group that came out of Honbetsu. It is judged that it is necessary to reduce it because there is a possibility of deterioration of the landscape, outbreak of pests and vermin, damage due to collapse, illegal dumping, arson, etc.

Changes in the number of vacant houses by type

4. About the hypothesis

I thought about reducing vacant houses by attracting companies and using them as stores and offices.

5. About the solution

In order to reduce the number of vacant houses, I thought it would be better to utilize a site like a vacant house bank, and in order to differentiate myself, I proceeded with the creation of a vacant house matching app that handles houses that cannot be handled by the vacant house bank.

6. Achievements and challenges
[Outcome]

Ability to investigate. Instead of swallowing the information on one site, the information on various sites was put together and the same information was used.

[Task]

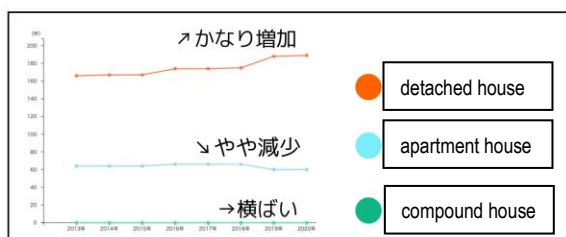I couldn't work on the application production until the end.

7. Conclusion

There are activities that have not been completed yet, and we will ask the next second graders to make a summary of the activities and inherit them.

Acknowledgments

Unoccupied house regeneration project 1

-Exploration activities by Tokachi Creation Studies-

Yoshichika Kikuchi, Shoya Matsui, Sora Orimoto, Sakuya Onodera
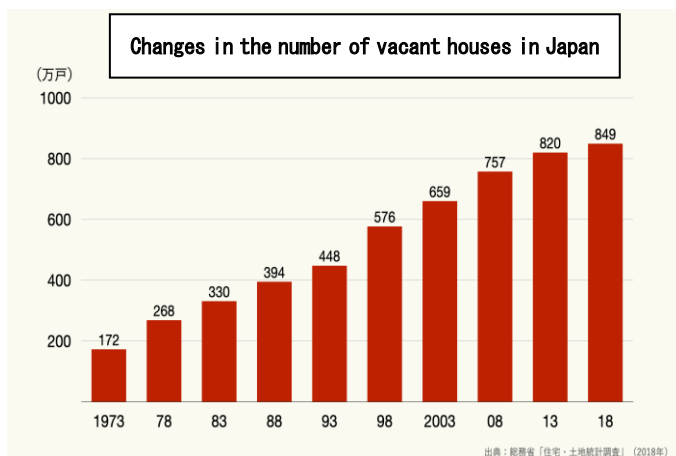
Overview

We came to the conclusion that we would make an app because we couldn't fix the vacant house. I decided the details of the app.

1. Introduction

I heard the news that the number of vacant houses is increasing nationwide, and I think that this also applies to my town, so I investigated the current situation of Honbetsu.

As a result, at present, the number of vacant houses is increasing year by year in Honbetsu Town, and the momentum does not stop.

Unoccupied houses have no merit and only disadvantages, such as the landscape deteriorates just by being there, crimes and accidents occur, and it becomes a base for criminals. If such vacant houses can be reduced, crimes and accidents will be reduced, and if people can live in repaired vacant houses, the liveliness of Honbetsu will be restored and the landscape of Honbetsu will be improved. We made effective use of vacant houses, which have only disadvantages, and worked to make Hombetsu Town a better town.

Changes in the number of vacant houses in Japan

2. About the problem

In order to solve this problem, there are the following difficulties and problems.

・Since we do not have the technology to repair vacant houses, so we cannot do by ourselves.

・ Since it costs much money to create an application, we need to raise funds through crowdfunding. Depending on the amount, it will take some time to collect.

・We can't make an app by ourselves, so we have to cooperate with people who know more about it.

3. About the current situation analysis

I analyzed the current situation.

・Although the number of vacant houses is declining, the increase is greater than the number, and in the end it continues to increase year by year.

・ I was able to decide the details of the app, but I haven't made an app yet.

・ It is still undecided whether the app can actually be created.

4. About the hypothesis

In setting the hypothesis, the following points were examined.

・Since there are few workplaces in Honbetsu Town, if vacant houses are repaired to increase the number of places where people can work, young people and those who want to move to the city for higher education or employment will remain in Honbetsu. If the number of people working increases, the number of vacant houses to be repaired will also increase, so the number of vacant houses may decrease as a result.

・ If people outside Hombetsu town like Honbetsu and live in vacant houses in Honbetsu, the number of vacant houses will decrease.

・If the lives of the residents become richer (in the city such as Obihiro, if there is something in Hombetsu that is not in the countryside such as Hombetsu), the number

of vacant houses may decrease.

・If a company relocates (in Honbetsu, a company related to beans), if a company is built in the place where there was a vacant house, the number of vacant houses will decrease.

・I think the number of vacant houses will decrease by using it as a store or school.

5. About the solution

At first, we decided to regenerate and repair the vacant house by ourselves, but we came to the conclusion that we would use less apps because we do not have the technology.

We decided on the details of the app, but we didn't reach the stage of creating the app.

6. Achievements and challenges

The results and issues are summarized as follows.

[Outcome]

・ It has already been decided that a matching app will be created, what kind of settings will be made, what kind of vacant house will be the target of the app, and supplements from the vacant house supervisor will be written. ..

[Task]

・ Since we will make apps for Android, iPhone, and PC for smartphones, a considerable amount of money will be required.

・ It takes time to collect the necessary amount of money by crowdfunding, and it takes time to create an application, so it may not be possible to create an application only with the time for hours of comprehensive inquiry

・ I have to think about how to tell the world that I made an app.

7. Conclusion

The overall activities and future activities are summarized as follows.

The content for creating the application has already been decided

The rest is just to make, so we need to continue. However, high school students are not the only ones who can make apps, so I hope they can complete it with the cooperation of some company.

It may not be enough time to continue the activity and complete it, but if this matching app is completed, the problem of vacant houses in Honbetsu Town should be greatly improved, so by all means, it should be completed by juniors. I want you to.

Overall, there were people who were positive about the activity and people who were negative about the activity, and there were many cases where the activity was delayed due to the lack of opinions. It wasn't enough that I didn't do any research or responded to the opinions I gave.

This group did not have many Ho-Ren-So (reports, contacts, consultations), so the progress was delayed. Next, I would like you to work to prevent this situation from happening in the grades in which you conduct comprehensive inquiry.