

A Plan to Build an ILC City

1 Abstract

ILC (International Linear Collider) is going to be built in Iwate. Upon building ILC, we suggest to make ILC city. We constructed a hypothesis that the ILC city needs to centralize residences, entertainments, companies, and offices for smooth administration. The purposes of this idea are to respond to globalization and revitalize the local community. In concrete, opportunities for people to work will raise through this construction. This process will make the local communities more active because local work forces will increase. The centralization of living facilities will provide a comfortable life for the people from different countries. To make such an environment is important because it takes a long time to research and the people involved will have to stay there for a long time, too. Transportation should also be maintained as a necessary living function. However, we noticed that dealing with language concern is an important point to realize these plans including a practical transportation system.

2 Introduction

ILC is big construction and administration that will last for at least 30 years. This means, we will be involved in this project as inhabitants of Iwate for the future. So, our team thought that we should think about it because we, of the younger generation, will have to hold the future of Iwate in our hands. We studied ILC, and tried to find some good ways to develop the area around it dealing with foreigners who will move here such as researchers, and their families.

3 Contents

(1) Method

Interviews in Oshu city hall, Mizusawa shopping arcade, enterprises; Internet surveys

(2) Result① Research facilities and companies

According to our interview that took in place in Oshu, it was found that it is important for research facilities and related companies to connect to each other for smooth, cooperative work. So, they should be concentrated in the ILC city.

(3) Result② Living functions

According to our interview, it was found that local habitants have little anxiety for coming foreigners. They also hope their local economy becomes more active. With ILC built, many foreign researchers and their families are expected to come. So, based on these two backgrounds, it is important that living functions (such as residences, entertainments, and hospitals) are centralized into ILC city to realize

local habitants' hope and provide foreigners with an ideal living condition. The strategic location of these establishments will also be useful for the revival of the local economy.

(4) Result③ Transportation

For the ideal proximity to work, local transportations such as buses, trains, and taxis should be built in the ILC city to connect residences, offices, related companies, and entertainment.

(5) Result④ measure of the language concern

For realizing results ①~③ effectively, dealing with the language concern between foreign researchers (and their families) and local habitants is important. Translation applications in smartphones or computers and interpreters are mainly utilized. Application is mainly used in daily conversation between foreigners and Japanese, consultation in hospitals, and in taxis. In local trains or buses, foreign language announcements also will be expanded. Application is important especially for non-English speakers that are difficult to get interpreters. Interpreters are mainly utilized in more complicated fields such as conferences, medical treatments, and education. In essence, a new high school should be built. The school will accept both foreign children and some local children. Thus, the school provides them with ideal living conditions and encourage cultural interaction. Foreign teachers or bilingual teachers should be employed. With this plan, a big part of language concern will be solved and it will encourage cultural interaction.

4 Conclusion

(1) Summary

The necessity of ILC city from 3 sides: Research Facilities and Companies, Living Functions, Transportation

Research facilities and companies need to be connected closely.

Residences, entertainments, and hospitals for foreigners need to be centralized.

Local transportations need to be expanded. The most effective way to deal with these matters is building ILC city and concentrating them in ILC city.

Measures of the language concern in 2 ways: Translation Applications, Interpreters
Application is mainly used in daily conversation between foreigners and Japanese, consultation in hospitals, and in taxies and it can be used in a larger scope in the future thanks to development of technology. Interpreters are mainly utilized in more complicated fields such as conferences, medical treatments, and education.

(2) Perspectives

According to our interview, we found that especially senior generations have little interest about ILC because they think ILC project is will not be carried out not in the present but in, the future. So, residents', including senior generations', understanding about ILC is necessary, because they will also be affected by it.

For constructing ILC city functions and in order to get interpreters, a lot of human resources will be required. So, it helps local economy revived.

5 Acknowledgement

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