Improving the Society for the Visually Impaired

2703: Iwate Prefectural Morioka Daiichi High School

¥88,158,161 collected when a famous band held a charity radio program for the visually impaired

The environment surrounding the visually impaired in Iwate

Road
- Insufficient braille blocks
- Narrow sidewalks
- Many steps

Train
Few platform screen doors

Not Barrier-free

Bus
- Undeveloped sidewalks
- No timetable with braille
- Few low floor buses
- Outdated ticket dispensers and fare collection machine

Year	Total number of buses	Low floor bus	Percentage of introduction	Ranking in prefectures
2013	533	39	7.32%	44
2014	534	56	10.49%	43
2015	534	64	11.99%	45

IC Cards No cards available like Suica

Tough for the visually impaired to go out

Prof. Li

There are two kinds of "barrier":
physical barrier and psychological barrier
To realize the true "barrier-free",
we need the idea of Society 5.0

National Chengchi University
Tourism policy in Taiwan and Japan

The environment surrounding the visually impaired in Taiwan
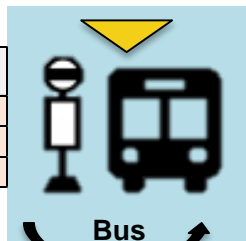
Train
High screen doors

Easy Card
unifying many functions
80% user
- Any public transportation
- Shopping
- Just putting the card on the specific panel

Electric panels showing the operation state

Bus
Bus stops hold QR codes to show the operation state

Penetration rate of low floor buses I took: 100%

Society 5.0

01 **Hunter-gatherer** 02 **Agrarian** 03 **Industrial** 04 **Information**

Next ?

Society 5.0: the environment where people and everything are connected on the Internet: **the Internet of Things (IoT)**

Society 5.0 for the visually impaired

The visually impaired ✕ Society 5.0

- Adding **voice** to the electric panels showing the operation state
- **Automatic authentication** of users' rides without putting cards

The visually impaired can enjoy hanging around **freely and safely**, thanks to the development of the IoT

References
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