

# The Utilization of Expired Emergency Rations to Reduce Food Loss and Help Foreign Residents Learn about Disasters

Fukui Prefectural Koshi Senior High School



## Introduction

A confusing experience on the School trip

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The 2024 Noto Peninsula Earthquake



## 2. Making Questionnaire

今日使った緊急食料は、どこにどうやって処分しますか。  
(1. 自宅へ持ち帰る) (2. 持ち帰らない) (3. 持ち帰る) (4. 持ち帰る) (5. 持ち帰る)

	1	2	3	4	5
持ち帰る	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
持ち帰らない	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

アンケートで使う言語をお選びください  
Please select the language to use in this survey.  
Selecione o idioma que gostaria de usar na pesquisa  
请选择您在调查中使用哪种语言  
설문조사에 사용될 언어를 선택해주세요  
Vui lòng chọn ngôn ngữ cho khảo sát của bạn

## Present Situation & Literature Review

<Government storage status>

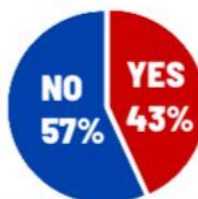
- Most of the municipalities do not store **halal food**  
↳ food for those who have religious dietary restrictions
- **20% = 200,000 meals** of rations are **disposed**

<Personal preparation>

Have emergency stocks at home?

Have joined local evacuation drills?

Feel anxious about living in a shelter?



## 3. Checking

<Current situation>

- No tasting events so far
- Emergency food division
  - for infants
  - staple foods
  - side dishes
  - snacks

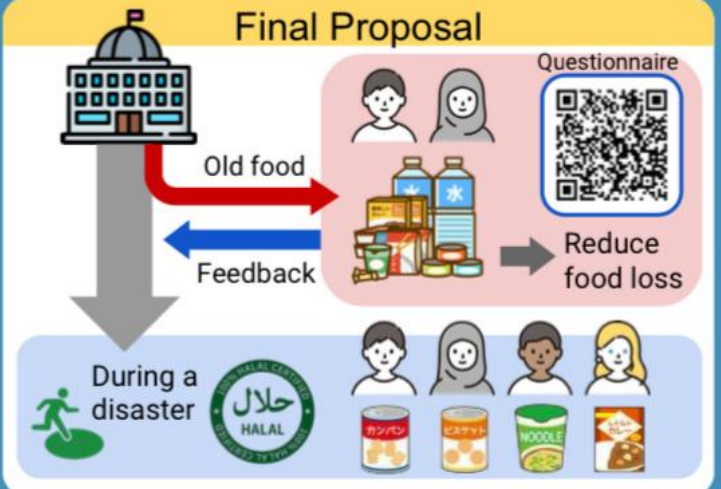
<Advice>

- Ask about **home storage**
- Raise awareness of **Self-reliance**
- Add **Burmese**
- Ask about **gender / age** to facilitate further analysis



Discussion with Mr. Aoki and Ms. Tsubota

## Final Proposal



## Hypothesis

Organizing a tasting event for foreign residents that focuses on emergency rations would help them reduce difficulties and anxiety during disasters.

## Methodology

### 1. Inquiring

Send emails to 17 cities in Fukui + some cities in Japan

### 2. Making

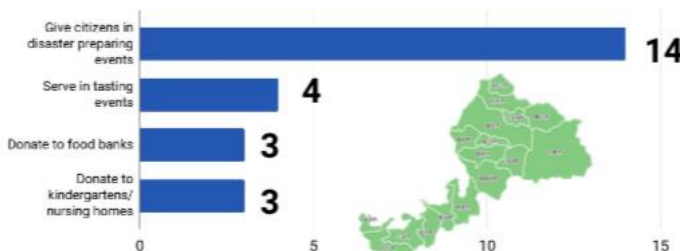
Make an original questionnaire to get feedback from citizens

### 3. Checking

Ask local governments for advice

## 1. Asking

How do you dispose of expired emergency food?



one-way



Government

Citizens

⇒ Mutual communication is needed

## Future Outlook



- Tasting event in next March
- Community center in Echizen city
- Continue to improve the events, methods, and questionnaire.  
Fukui → across Japan

## Conclusion

- Difficulty of achieving a **balance** between the majority and minority
- Importance of a **multifaceted** approach

## Acknowledgements & References

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the Survey Research Center「第二回在留外国人総合調査」, 2022.5.26  
[https://www.surece.co.jp/wp\\_surece/wp-content/uploads/2022/05/2022052611.pdf](https://www.surece.co.jp/wp_surece/wp-content/uploads/2022/05/2022052611.pdf)  
政府広報オンライン「今日からできる食品備蓄、ローリングストックの始め方」, 2024.12.7  
<https://www.gov-online.go.jp/useful/article/202103/2.html>  
朝日新聞「政府の災害備蓄品 年20万食、捨てずに生活困窮者へ」  
<https://www.asahi.com/articles/ASP4Q56HRP4PUTL03X.html>  
農林水産省「災害時に備えた食品ストックガイド」, 2019.3  
<https://www.maff.go.jp/j/zyukyuu/foodstock/attach/pdf/guidebook-5.pdf>