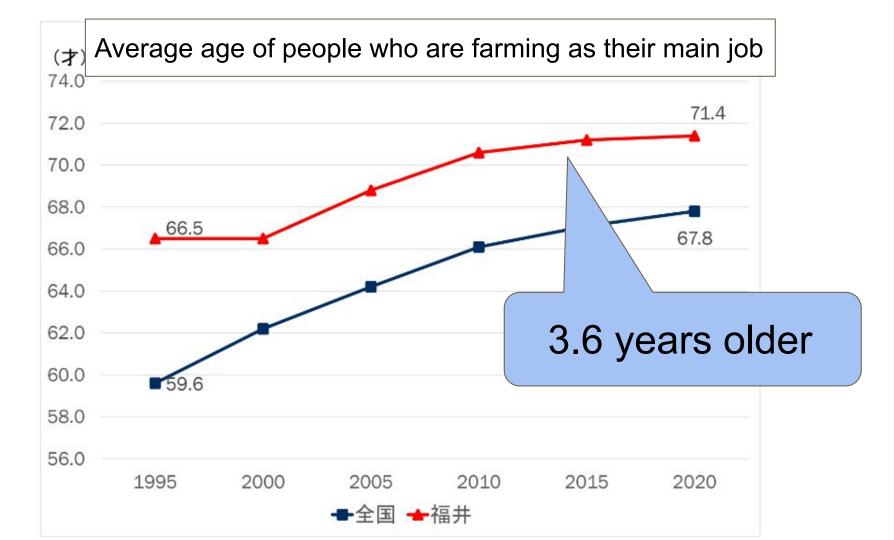
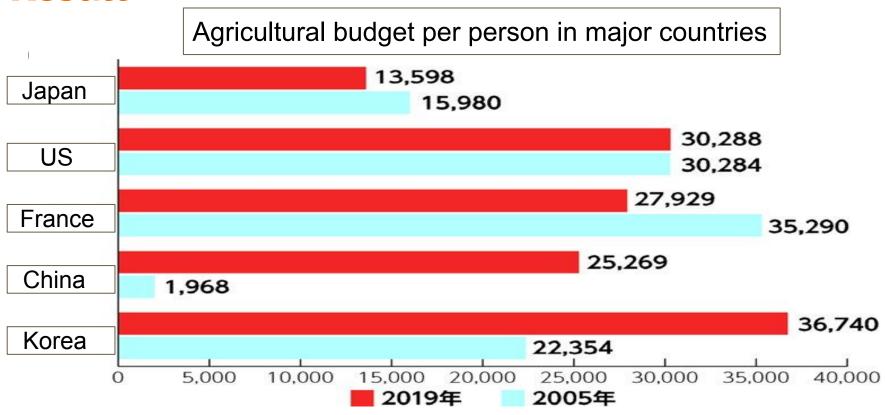
What do we have to do to protect Japanese agriculture?

Method

- •Interviewed teachers who are farmers and who own rice fields (9 people)
- -Sent Email to six Agricultural Production Corporations, Echizen City Hall, JA Takefu
- Sent Email to Fukui Prefectural University Professor
- Searched internet



Result



Voice of dissatisfaction from people who are farming or have farmland

- Low incomeNo employee retention
- Difficulty in balancing farm and regular work
- Difficult to take care of farmland
- Damage by animals



Result ~Requests to the Administration~

What teachers involved in agriculture hope

- Review of Japan's agricultural system (Improvement of food self-sufficiency)
- Stop importing rice from abroad
- Promotion of smart agriculture

What Professor at Fukui Prefectural University hopes

- Measures to secure and train new farmers
- Promotion of smart agriculture

Result ~Initiatives in Fukui Prefecture~

- Pioneering community farming
 (organization rate: 32.5%, 2nd in the nation)
- Establishment of facilities for training and support
- for new farmers
- Branding



Result ~summary~

present condition: Shortage of labor, aging, low
subsidies

dissatisfaction: Low income, hard to work concurrently

request: promote smart agriculture, secure and foster new farmers

initiatives in Fukui: Village farming, support facilities, Branding

Recommendation 1: Adopt Smart Agriculture

Recommendation 2: Increase government subsidies

Recommendation 3: Promote large-scale management by agricultural production corporations

What is Smart Agriculture ...? Agriculture that used advanced technologies such as robots and AI.





~Advantages and disadvantages of smart farming~

Advantages

- Resolving labor shortage
- Improve efficiency and scale accordingly
- Easy for new workers to enter
- Environmentally-friendly

disadvantages

- High initial cost
- Advanced technology is required

~Advantages and disadvantages of each~

Agricultural Corporation advantages

- Increased production efficiency
- → Reduction of labor hours and production costs

Disadvantages

Difficult to avoid risk

Sole Proprietorship Farmer

Advantages

- Easy to avoid risk
- Easy to add high value

Disadvantages

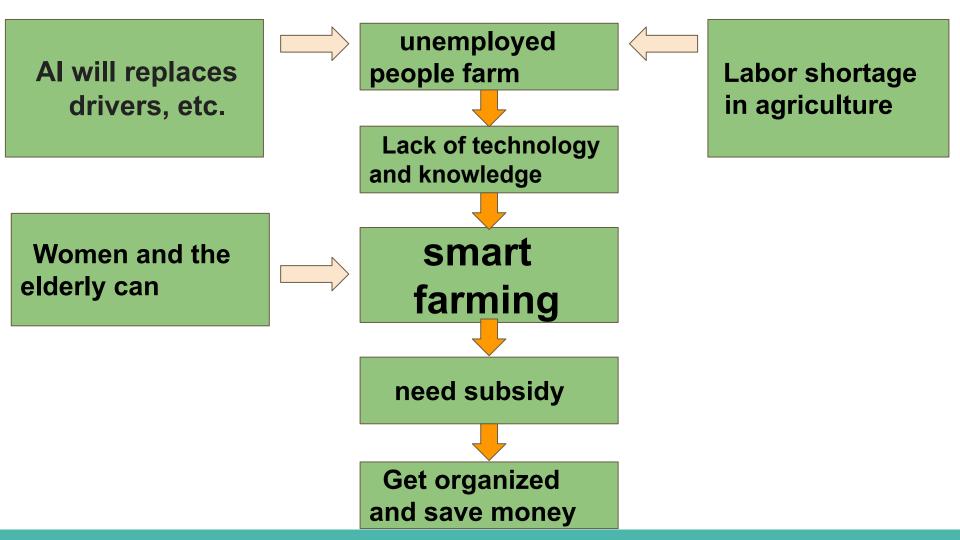
Poor production efficiency

Jobs that are likely to be replaced by Al



Jobs that are unlikely to be replaced by Al





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