# Gaming Development for Learning Regional Economic Circulation : Regional Economic Circulation Simulation



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## Introduction

#### Ward and Lewis (2002) Plugging the Leaks

- It is important to review the structure of money going out of the region rather than drawing in money from outside the region
  - In building a monetary circulation in the region, it is important for local residents to exchange ideas and form a consensus with each other
- Developed gaming as a platform for local residents to think about regional economic circulation



# **Regional Economic Circulation Simulation (RECS)**

### What is RECS?

- The "Regional Economic Circulation Simulation" (RECS) is an analog face-to-face gaming simulation
- the participants experience the flow of money in and out of the region through production and expenditure as a factory owner who manufactures finished or semi-finished products in the region



## **Results**

On January 21 and 22, 2023, 21 first-year students of Joetsu University of Education played the game

# How did you devise a way to do business within the region?

### Strategy 1

- · Decreased prices closer to those of factories outside the city
- Changed prices to meet customer needs
- Reducing the selling price for a limited number of units to get customers to buy the product

### **Strategy 2**

- · Created a point card and added value
- · Build collaborative relationship with factories of finished products in the city
- Mutually trade with other factories in different industries in the city
- Created selling phrases and sales methods that attract customers
- Consulted with other factories in the city on pricing
- Determined when to buy raw materials and established cooperative relationships with finished goods factories
- Through gaming, the players realized the importance of strategy 2 and showed various innovations to build relationships
- However, most of the innovations were accompanied by selling price reductions
- On average, the final balance decreased from the initial balance in both games