

MATSUYAMA LAB.

Science Communication



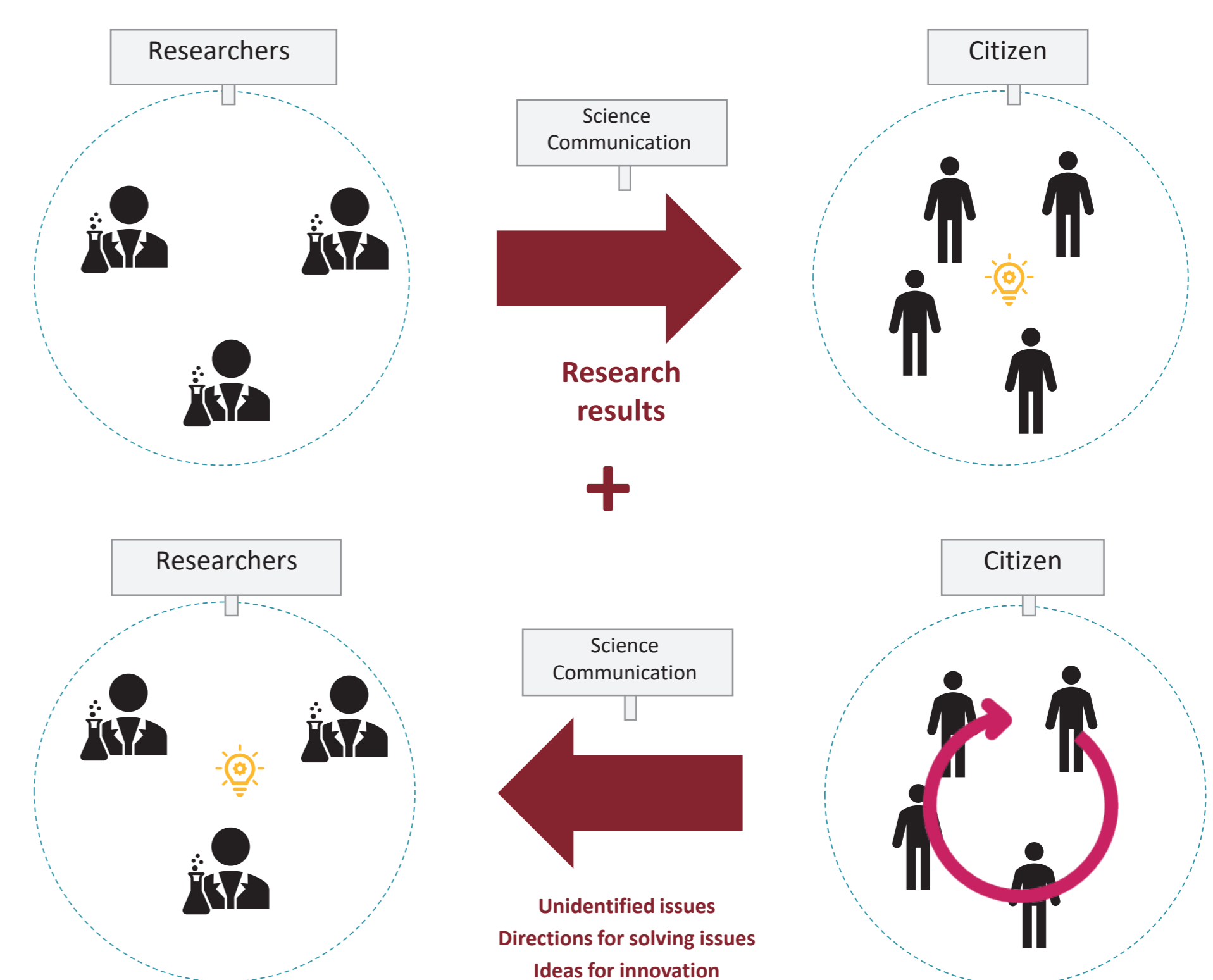
Department of Human and Social Systems

Public Engagement

Mission

To move beyond situations in which only specific stakeholders benefit, and to promote public participation in engineering toward the realization of **“engineering that truly delivers solutions desired by society.”**

1. Drawing on methods of science communication, we design forums for dialogue with citizens to deepen multifaceted understanding of the directions of problem-solving, policies for developing emerging technologies, and the various issues that may arise in the course of social implementation (ELSI: Ethical, Legal, and Social Issues).
2. Through continued practice in science communication, we analyze the content of discussions and survey results, and feed citizens' knowledge back into research and development processes.



Fostering and extracting the citizens' knowledge

We are developing a science communication tool called “Secret Gadget”. In a workshop, participants try to solve social and global issues by combining a group of technologies developed at the Institute of Industrial Science. This program aims to foster and extracting the citizens' knowledge, and has been practiced at schools, science museums, and so on.



Extracting ELSI (Ethical, Legal, and Social Issues)

When new technologies are implemented in society, various issues arise in addition to technical issues. We are developing a method for extracting such issues from the citizens based on the method of "philosophical dialogue," which deepens understanding of a subject through a series of questions.