

## Selection Evaluation Comments

\*This evaluation takes place in the transition from Feasibility Study to Full Research,  
i.e. Selection of Full Research project.

FS Title	Building up biomass circulation system among city and rural area: Improving urban sanitation and restoring rural livelihood base
Proposed FR Title	Building up organic material circulation system among urban and rural area: Toward the integration of local perception and scientific knowledge
Leader of the Proposed FR (Principal Investigator of FS)	OYAMA Shuichi
Proposed Project Period	5 years Full Research
Affiliated Program	Global Environmental Culture Program (MATSUDA Motoji)

### **General advice and comments of the EREC**

Considerable valuable research has already gone into establishing the scientific knowledge and societal infrastructure for this project that links urban waste with rural land restoration. Connections with relevant local and national actors, biological and toxicological analysis of waste materials, and sites for land restoration using waste material have been formed already in Japan, sub-Saharan Africa, and Southeast Asia.

The committee recognized the importance of the work that the project's leader and members have done toward the aims of the project. The virtual nutrition concept and the analysis of supply chains between urban waste and agricultural fields are substantive areas for development. The challenges in the further development of the project noted by EREC were to 1) bring stronger focus on the fundamental research questions in the framework of RIHN on values and cultures of sustainability in the flow of materials between urban and rural settings and 2) develop a business model that can support further implementation of the methods in the very different conditions and contexts of Japan, Sahel, and Southeast Asia.