

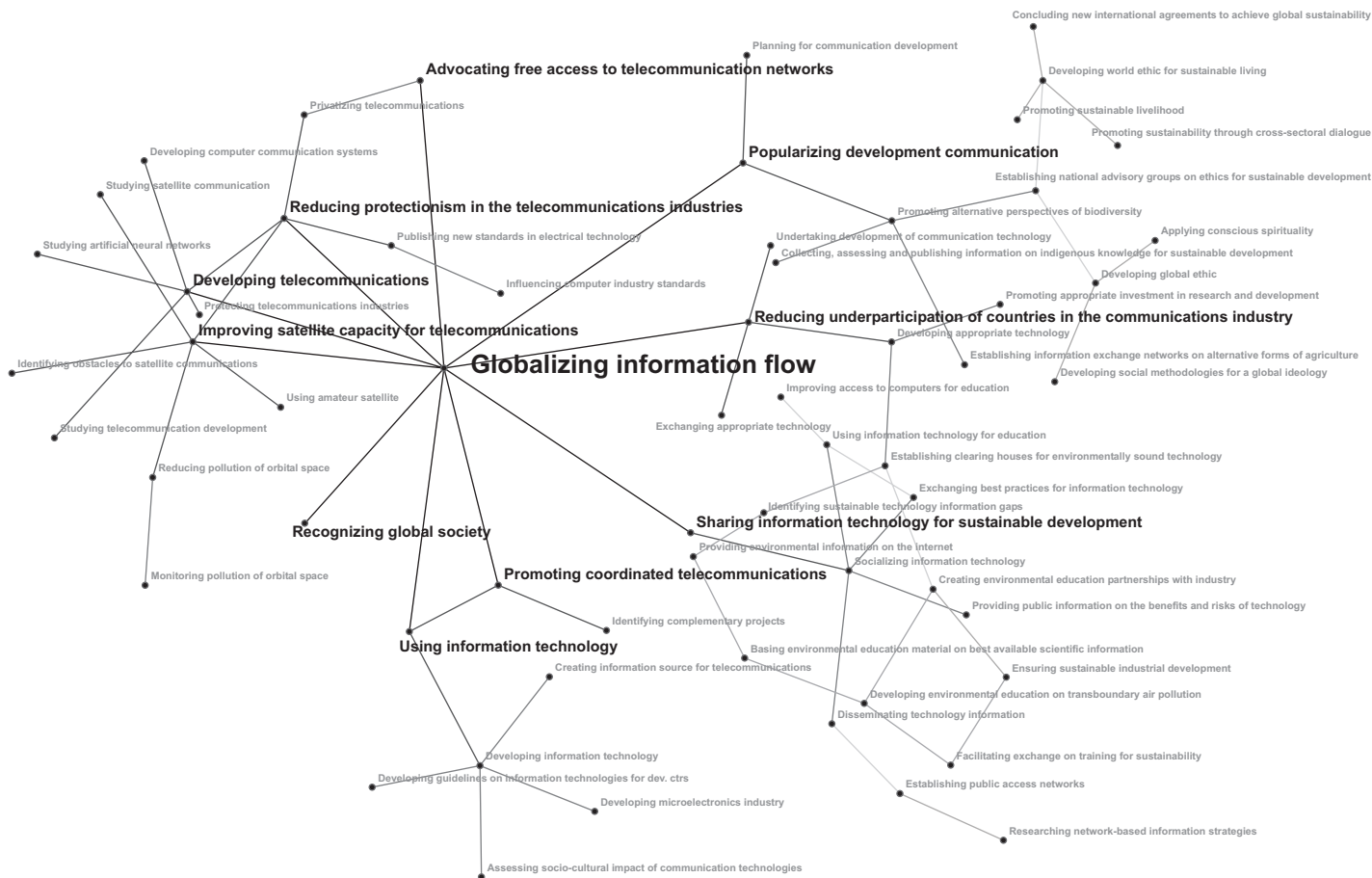
Figure 10.1.3.3. Globalizing information flow

Database: Global Strategies and Solutions

Link type: facilitated by strategies

Network nodes: 61

UIA database: <http://db.uia.org/scripts/sweb.dll/uiaf?DD=ST&DR=Q9310>



Rapid integration of information and communication technologies (ITCs) into professional and private lives is transforming many societies into information societies. An information society is built on technology, knowledge and intelligence. As its basis it facilitates fast, cheap, equitable, resource-efficient access to information and information services, accumulated knowledge, learning opportunities and cooperation support tools for its citizens. From a technical point of view, an information society enables the processing, storage and transmission of information in any form and without any significant spatial or temporal constraints. ITC has the potential for making a positive contribution towards sustainability in the following ways: (1) dematerialization; (2) new concepts of mobility and exchange; (3) remote sensing and environmental monitoring; (4) public information services and universal access to services; (5) policy development and crisis management based on a broad consensus; (6) health services; (7) better opportunities for learning in all topics concerning the future of humanity; (8) empowerment of developing countries; (9) new opportunities in international cooperation. Areas of active application are traffic management, distance education, tele-shopping, telework, environmental management and information systems.