

Environmentally Sound Technology Transfer: How to Eliminate Technical Cooperation Barriers

A. What Is Environmentally Sound Technology?

Environmentally Sound Technologies (ESTs) are technologies that have the potential for significantly improved environmental performance relative to other technologies.



B. What Is The role of EST Transfer?

Developing Countries: Acquiring technology, knowledge, and management models needed for environmentally sustainable development → economic stability, environmental protection, safeguarding of human rights

Developed Countries: investment opportunities, economic benefits, technological innovation

C. International Treaties and Conventions

UNFCCC: Article 4(5)

Kyoto Protocol Article 2(1)(a)(iv)

Agenda 21: Chapter 34

Barriers: ESTs have not been fully exchanged and transferred between developed and developing countries

D. Causes of Barriers

1. International Treaty Provisions: Initiative and Lack Enforceability
2. EST Transfer Is Subject to Political Power
3. Inconsistency Between Developing Countries' Environmental Objectives and ESTs' Development Objectives
4. Intellectual Property Right and Monopoly

E. How To Eliminate EST Transfer Cooperation Barriers

International Cooperation:

- Supplementing the content of international documents
- Leveraging the Role of International Organizations



Developed Countries:

Establishment of special funds or projects → ESTs transfer and cooperation with developing countries



Developing Countries:

- Integrating ESTs development into national environmental development goals
- Strengthen the protection of IPRs and break the IP monopolies
- Increase investment liberalization

