

Completed Projects

1. Research and dissemination of high hill improved metal cook stoves.

Client: WWF/Np/AEPC
Program: Micro-fund AEPC/SNV
Contract Period: June 2004 – June 2006

2. Research on Low Cost Portable Metal Stove

Client: Caritas- HUDEC- Sri Lanka
Contract Period: December 2005 - June 2006

3. Research and Development of Forced Draught High Performance Heavy Impeller for Fixed Chimney Brick Kiln

Client: Lapa Brick Industries
Contract Period: September 2005- February 2006

4. Demonstration of Appropriate Alternative Energy Technologies for Terai
Client: World Wildlife Fund (WWF/Np), Community Forest Conservation Committee (CFCC), Lamahi, Dang
Contract Period: December 2005 – January 2006

5. Technical Quality Monitoring of Improved Cooking Stoves (ICS)

Client: AEPC/ESAP in Partnership with TRUST Pvt. Ltd.
Contract Period: May 2006 – September 2006

On going Projects

1. Proposal Development on “Integration of Appropriate Rural Technologies For Climate Change Mitigation & Capacity Development of the Indigenous People of Jitpur Village”

Client: Global Environment Facility – Small Grant Program.
Contract Period: April 2006- till now

2. “Lighting up the Nepalese Village”

Promotion of Thermo Electric Generators and Eco Fagoa Stove in partnership with Colorado State University, Colorado USA

Client: Mondialogo (Partnership between Diamler Chrysler and UNESCO).

Project Duration: July 2005 – ongoing

Contact Us:

G. P. O. Box: 2433 Ktm, Nepal

Tel: 977 – 01 – 6222332

Kathmandu, Nepal.

Email: staricn@vianet.com.np

URL: www.staric.com.np



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Sustainable Technology – Adaptive Research & Implementation Center / Nepal

(STARIC/N)



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Sustainable Technology – Adaptive Research & Implementation Center, Nepal (STARIC/N)

Background

Sustainable Technology – Adaptive Research & Implementation Center, Nepal (STARIC/N) is a professional non-governmental organization engaged in developing and promoting appropriate/rural technologies effective in meeting the basic needs of the rural mass and improving their life support systems. STARIC/N is registered with Government of Nepal (GN) under the Society Registration Act from 2004. Under the dynamic leadership of one of the pioneers in renewable and rural energy technologies, it is actively engaged in upgrading traditional technologies and also developing new technologies to make it more diversified and versatile to meet rural needs. Sustainable Development comes first before any technology.

Mission

Promote and propagate environmentally sound and sustainable rural / appropriate technologies thereby strengthening the capability of rural poor communities to respond to their basic needs by creating better options and opportunities for improving the livelihood upgrading the socio-economic conditions.

Vision

To help develop, promote and disseminate the environmentally sound and sustainable rural/appropriate technologies that emphasize the optimum uses of the locally available skills, means and resources in order to enhance the process of rural development thereby improve the livelihood of the rural population.

Aims and Objectives

STARIC/N activities/programs are designed to:

- Promote and disseminate appropriate technologies to respond to basic needs of the people and create opportunities to improve quality of life and upgrade the economic condition of the people;
- Conduct adoptive and action-oriented research on indigenous and improved technologies;
- Train and transfer technical information and know-how on the production, installation and management of appropriate technologies;
- Assist in development of technical and institutional capabilities for application of science and technology for sustainable development; and
- Provide technical support and consulting services in the field of energy and environment conservation

Areas of Operation

- Renewable Energy Technology Development
- Environment and Natural Resource Management
- Small Scale Irrigation Management especially in hydraulic Ram Pumps and Plata Pumps
- Technology for Women and Micro-enterprise Development
- Local Water Harvesting Systems and rural transport system
- Indoor Air Pollution and Improved Cook Stoves
- Clean Development Mechanism

- Sustainable and Energy Efficient Building Design
- Health Aspects

The Operational Mechanism

Assistance/Partnership in Action Programs

STARIC/N works in partnership with technology manufacturers, promoters and users to implement and evaluate action programs effectively. It provides support services and motivates local community members to participate in technology need assessment, development and its utilization.

Training and Workshops

STARIC/N conducts training and workshops for project staff and grass-root community leaders and promoters to develop and enhance their technical capability especially on the application of rural technologies suited to the village and community development.

Technical Support Services

STARIC/N provides technical services to government organizations (GOs), non-governmental organizations (NGOs), international non-governmental organizations (INGOs), community-based organizations (CBOs) as well as the users for promotion and dissemination of appropriate technologies.

Dissemination of Rural/Appropriate Technologies

STARIC/N disseminates rural technologies on an independent basis and in collaboration with other NGOs, INGOs, CBOs, GOs and other technology related organizations.

Study Visits and Demonstration

STARIC/N organizes study visits to familiarize with specific technologies that are being used successfully in various parts of the country. It provides a forum for the exchange of ideas and experiences to planners, researchers, promoters and community members engaged in the development, promotion and use of appropriate technologies.

Technology Information and Documentation Unit

STARIC/N collects, processes and disseminates information on rural technologies in conjunction with its documentation unit. As a part of Documentation unit, various collections are also available in our resource center. Any individuals, organizations or institutions can be benefitted from this resource centre as and when required.

Networking

- STARIC/N establishes formal and informal networking with national and international agencies to facilitate information dissemination, technology transfer and experience sharing on appropriate/rural technologies.

Publications

STARIC/N publishes annual reports, newsletters, illustrated manuals, case studies, technical brochures and operational guidelines, books on appropriate technologies for their practical application by project officials and grass-roots technology users and beneficiaries.

Organizational Setup

STARIC/N's organizational structure consists of a General Assembly comprising general members and promoters, and a Governing Board at the second level consisting of members elected by the General Assembly, which provides policy direction to the management and approves rules and regulations of the organization. The Executive Director, who is the executive head of the institution and member secretary of the board and is responsible for the day-to-day management and smooth implementation of the projects and programs, heads the management of the organization.