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PROGRAMME

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Delegation of the European Union to Nepal
SWITCH ASIA Programme
Uttar Dhoka Sadak, Lainchaur
P.o. Box 6754
Kathmandu, Nepal
T : +977 1 442 9445 / 9446 / 3569 / 0406
F : +977 1 442 3541
E : Delegation-nepal@eeas.europa.eu

Austrian Development Cooperation (ADC) supports countries in Africa, Asia and Central America as well as in South Eastern and Eastern Europe in their sustainable social, economic and democratic development.
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GrAT is a scientific association for research and development of Appropriate Technology. Since 1986, GrAT has been proactively responding to a wide range of relevant issues in sustainable development. The long-term vision/mission of the association is to establish systematically developed sustainable solutions.

Dr. Robert Wimmer
GrAT - Center for Appropriate Technology
Vienna University of Technology
Wiedner Hauptstrasse 8 – 10
1040 Vienna, Austria
T : +43 – 1 – 58801 /49523
F : +43 – 1 – 58801 /49533
E : seid@grat.at
www.grat.at

Asia Society for Social Improvement and Sustainable Transformation (ASSIST) is an international non-government organization focused on capacity building. It seeks to promote sustainable practices to address social problems in the developing world, with focus on Asia and Africa. ASSIST takes pride in its process-oriented approach to capacity building towards social improvement and sustainable transformation.

Mr. Sreenivas Narayanan
Level 5, A&V Crystal Tower
105 Esteban St., Legaspi Village,
1229 Makati City, Philippines
T: +632 403 8668 (8 Trunklines)
F: +632 403 8358
E: info@assistasia.org
www.assistasia.org

The Federation of Nepalese Chambers of Commerce and Industry (FNCCI) is an umbrella organisation of the Nepalese private sector. FNCCI Plays a catalytic role in the business, industrial development and establish sound industrial relations in the country reinforcing business community's commitment to the society. It provides, inter alia, information, advisory, consultative, promotional and representative services to business and government and organises training / workshop / seminar on a regular basis.

Mr. Uttam Kumar Kunwar
Pachali Shahid Shukra FNCCI Milan Marg, Teku
P.O. Box 269, Kathmandu Nepal
T : 977-1-4261022 / 4242218 / 4266889
F: 977-1-4261022 / 4262007
E: uttam.kunwar@fncci.org / uttam.kunwar@gmail.com
www.fncci.org



Bhutan Chamber of Commerce & Industry (BCCI) was established under the Royal Command of His Majesty the fourth King in 1980. BCCI is a non-profit making private sector organization, comprising of business community members from all around the country. The BCCI provides linkage between the government and the privates and works closely with all the government agencies, autonomous organizations and international organizations and donor agencies towards facilitation and promotion of trade & industrial development.

Mr. Kesang Wangdi
Bhutan Chamber of Commerce & Industry (BCCI)
Post Box 147, Doebum Lam, Thimphu, Bhutan
T : (+975) 2 322742 / 324254
F : (+975) 2 323936
E : kesang_wangdi@hotmail.com



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Mr. Lalit Sharma
3rd Floor, B-5/2 Safdarjung Enclave,
New Delhi - 110 029, India
T: + 91 11 4949 5353 (extension -2353)
F: + 91 11 4949 5391
E: lalit.sharma@giz.de
www.gtz.de



Austria Recycling (AREC) is working in sustainable industrial development at the interface between economy and environment, acting as a bridge between industry and environment. AREC supports enterprises and communities in particular in the process of the implementation of management systems, by technical and organizational consulting, empowerment of people and training for an eco-efficient, sustainable economic manner as well as in financial and social matters.

Mr. Stefan Melnitzky
Obere DonaustraBe 71
1020 Wien, Austria
T : (+43) 1 2145600
F : (+43) 1 2145616
E : arec@arecon.at / Stefan.melnitzky@arecon.at
www.arecon.at



Stenum Asia has been guiding companies, public institutions and local authorities through the implementation of sustainable development with a special emphasis on preventive environmental protection, resource and energy optimization, management systems and communication to promote the environment and sustainability since 1991.

Mr. Rajat BATRA
860 Sector 21, Gurgaon 122 016,
India
T : +91-124-4078911 / +91-9811051918
F : +91-124-4078914
E : rajat.batra@stenum-asia.org
www.stenum-asia.org / www.stenum.at



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BACKGROUND



Tourism and Agro based Industries are an important growth sector in both **Nepal & Bhutan** and contributes significantly to their GDP, employment generation, and foreign exchange earnings. However the rise in tourists' arrivals has put extra pressure on developing additional infrastructure and has contributed directly to environmental degradation, waste generation and environmental pollution. Competitiveness of Agro based Industries are fast eroding as a result of outdated technology, lack of optimized process and unsustainable sourcing. In Nepal, demand for electricity increases by 10% every year whereas production remains constant and the 12 hours daily power cuts are a reality. While both Bhutan and Nepal have ample supply of water, the water tables in many famous tourist destinations and industrial zones are stressed. These are a big challenge that need to be addressed.

The Project **SEID** is designed to directly address several issues faced by both the sectors and transfer best practices, technology and proven approaches on Sustainable Consumption and Production (SCP).

PROJECT BRIEF

Title: Sustainable & Efficient Industrial Development (SEID) – Bhutan and Nepal

Project Duration: 40 Months

Project Location: Nepal & Bhutan

Target Sector: Tourism and Agro-based Industries

Primary Target Groups:

- Small and Medium Enterprises from the target sector;
- Local experts from private consulting and training companies, industry/business associations and academe, freelance consultants;
- Public institutions, government authorities, industrial park management authorities and policymakers;
- Other MSMEs in the target region.

OBJECTIVES

The project shall contribute towards sustainable development of Nepal's and Bhutan's economy with a clear focus on the tourism and agro-based industries.

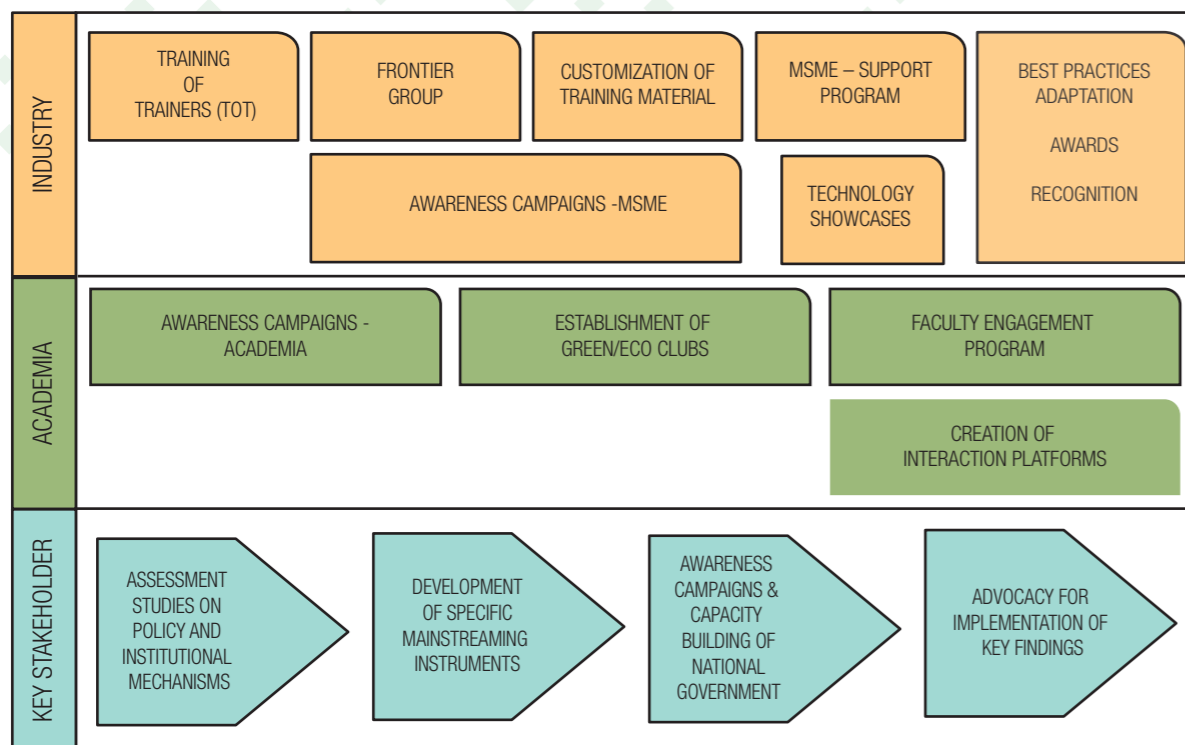
1 To reduce costs and pollution; improve health and safety performance in the target sector

2 To enhance the capacity of national anchor associations/service providers to collaborate and promote sustainable practices to their supply chain/members, providing technical support and input to SMEs to improve the overall resource efficiency of their production processes from the life cycle perspective

3 To build strategic partnerships with on-going initiatives in the target sector, providing access to existing knowledge, Information Education Campaign material to address needs of SMEs.

4 To facilitate dialoguing and networking amongst key stakeholders including government, financial institutions, industry associations, academe aimed at creating and enabling environment which propagates and incentivizes adoption of sustainable industrial practices

PROJECT STRUCTURE



KEY ACTIVITIES OF THE PROJECT

Training of Trainers (ToT)

40 local Trainers from a multi-stakeholder pool will be trained on various proven sustainable production approaches, including Resource Efficiency, Cleaner Production, Environmental Management System, Water & Waste Management, application of Appropriate Technologies, use of Renewable Energy, Process Optimization. The Training of Trainer TOT will be a combination of theoretical workshops and practical hands-on experiences.

Awareness Campaign

The project will sensitize and create awareness among 200 MSMEs in the target sector on various RE & RP best practices through a series of Awareness Forums. The forums will also be used as a platform to encourage the companies to join the MSME support program.



Frontier Group

The project will implement best practices on Resource Efficiency & Cleaner Production with a group of 5 to 10 progressive companies. The frontier companies will provide information for project team to fine tune their approaches and technologies to the sophistication of the target industries.

MSME Support Programs

The project will offer technical assessment / consulting support to 200 MSMEs in the target regions over a period of 20 months. Periodic assessments to monitor and evaluate social, economic and environmental improvement realised by the implementing companies, will be carried out. 20 best performing companies will be recognized and issued sustainable business awards.

Technology showcases

The project will identify, transfer and showcase appropriate technologies which will help promote sustainability. The project will facilitate participation in technology showcases both local and international and will facilitate meetings with few technology providers with an aim of transferring better technology to the target countries.



Empowering Academic Institutions

The project will adopt the following three pronged approach to empower academia:

- ▶ **Sensitization:** The project will sensitize students/youth in the academic institutions on sustainable practices through establishment of Green Clubs, Inter School Competitions/Discussions/Awareness Campaigns.
- ▶ **Bridging the gap between the institutions & academia:** The project will facilitate Focus Group Discussions (FGD) between academic institutions and industries with an aim of bridging the gap between the two. The project will also strengthen platforms to promote collaborations between industry & academia
- ▶ **Empowering Faculty:** The project will forge academic linkages between universities/colleges in the target region and Europe/India. Subsequently a 2 week faculty engagement program will also be organized.



Enabling institutional environment

The project will carry out assessment studies on policy/institutional mechanisms to promote resource efficiency and safer production in the target countries. The findings of the study will be shared with the national key stakeholders through workshops. The project will develop specific mainstreaming instruments and educate sectoral agencies of the government to facilitate promotion/implementation of effective RE & RP approaches in the target countries.

Dissemination and project sustainability

A refined project manual with training, awareness campaign and case study material will be disseminated among the key institutions and success stories will be published in the media.

BENEFITS TO PARTICIPATING COMPANIES

- ❖ Improved efficiencies in energy & resource utilization
- ❖ Financial savings as a result of cost reduction
- ❖ Optimised processes & improved productivity
- ❖ Better water/waste management
- ❖ Improved environmental performance/compliance
- ❖ Increase in renewable energy usage
- ❖ Healthier & safer working environment

