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## Press Release

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Technip Aims to Build a Sustainable Future in the Areas of Education and Waste Management in India in Collaboration With IIT, Madras

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## Technip Aims to Build a Sustainable Future in the Areas of Education and Waste Management in India in Collaboration With IIT, Madras

MUMBAI, January 11, 2016/PRNewswire/ -

Technip in India has joined hands with the Indian Institute of Technology (IIT) Madras to sponsor two pioneering projects in the field of education and waste management & resource recovery.

(Logo: <http://photos.prnewswire.com/pmh/20160111/10137800>)

As part of corporate social responsibility initiatives in India, Technip decided to promote and patronize the innovative effort of IIT Madras to spread education in communities and develop a village supported by efficient waste management system and optimum resource recovery. These two projects led by Prof. Ligy Philip, Prof. B.S. Murty (Civil Engineering) and Prof. Pijush Ghosh (Applied Mechanics) from IIT, are briefly described below:

### C-4 Programme for High School Students

**Hypothesis:** In a high school, if trained and mentored properly, a student studying in grade or standard "C" can successfully teach a class of students 4 years junior to him/her, i.e. standard "C-4". For example, a student of class VIII (C), if trained properly and mentored from time to time, can teach class IV students (C-4) successfully.

**Action plan:** Pilot study has already been conducted for one year to evaluate the potential of the "C-4". Plan is to extend this to all over India making each IIT and IISc as hub of the study. Before taking it to the national level, this will be tested with some more schools in southern part of India. Initially, this will be implemented in 14 schools in Tamil Nadu rural areas with a possibility of extending to West Bengal. Anticipated benefits of this education are:

Helping rural schools running short of educated teachers  
Providing the children of the rural areas enough exposure and confidence  
Involving young minds in such social program to promote education

### Clean & Healthy Village Model

**Hypothesis:** Waste can be viewed as a resource. Through innovative and sustainable waste management and reuse of resources recovered, the hygiene and sanitation conditions can be improved resulting in a positive impact on health.

**Action Plan:** One village will be adopted to conduct the pilot study and success of pilot study will ensure the implementation of this at mass scale. Anticipated benefits are:

Improved cleanliness and hygiene in the villages on a sustainable basis  
Health improvement of villagers  
Improvement in income sources through resource recovery (compost, biogas and treated wastewater for agriculture) from solid waste as well as wastewater  
Protection of water sources from contamination and increased availability of safe drinking water.

**Commenting on the partnership, Prof. Nagarajan, Dean of International & Alumni Relations, IITM** said, "CSR funding from industry is a significant step for practical implementation and fulfillment of our research projects and concepts which eventually benefit the entire community. We encourage students, faculty and staff to take up socially relevant projects. Alumni of the Institute provide mentoring and funding support for these pilot projects. Based on the initial success, the projects are being presented to corporates for CSR funding for larger scale dissemination and impact. We are very pleased to have Technip as a partner to fund C-4 Education Program and Model Village project through waste management system."

**Mr. Bhaskar Patel, Managing Director, Technip India** added, "Technip's CSR policy aims to foster and support long-term development actions for local communities in the countries where we operate and protecting health, safety and environment for our stakeholders is a core value and commitment for us. This explains our selection of IITM proposals in the area of education and waste management to create long term value addition for our stakeholders. I am sure our collaborative effort with IIT Madras will further open up opportunities to implement more such path breaking activities."

In 2014, Technip in India signed a Memorandum of Understanding (MOU) with IIT Madras to establish a broad partnership in various areas, including research collaborations with the ocean, civil and metallurgical & materials engineering departments; creation of a postgraduate program with a focus on generic engineering; lectures by faculty and industry practitioners; continuing PG education for technical professionals; placement and internships for IITM graduates and students; and various sponsorship opportunities in the context of research enhancement and corporate social responsibility.

### About Technip

Technip is a world leader in project management, engineering and construction for the energy industry.

From the deepest subsea oil and gas developments to the largest and most complex offshore and onshore infrastructures, our 36,000 people are constantly offering the best solutions and most innovative technologies to meet the world's energy challenges. Present in 48 countries, Technip has state-of-the-art industrial assets on all continents and operates a fleet of specialized vessels for pipeline installation and subsea construction.

Technip shares are listed on the Euronext Paris Exchange and traded in the USA on the OTCQX marketplace (OTCQX: TKPPY) as American Depositary Receipts.

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