



## Technip and CIMV sign green chemistry cooperation agreement

April 4, 2012

Technip, a specialist in engineering and construction for the energy industry, signed a cooperation agreement in the green chemistry business with the Compagnie Industrielle de la Matière Végétale (CIMV) to industrialize CIMV's process.

The two companies have been working together for the past five years (Technip has provided CIMV with its technological expertise in the fields of engineering and construction, enabling CIMV to pass from the pilot unit stage to the industrial unit stage). During this period, CIMV's process has been identified as a disruptive technology in the field of green chemistry. Today, this technology is among the only ones in the market capable of converting solid biomass into hydrocarbons that can be used as a feedstock by the petrochemical industry. The CIMV technology can thus be seen as a key enabler for the sustainable green chemistry sector based on non-edible feedstock.

More recently, in parallel with the technical collaboration, Technip established a sales force to promote the CIMV process outside France, along with the wide range of bio-sourced applications it offers industrial companies.

This collaboration was made official with the signing of a commercial and industrial cooperation contract.

*"We are delighted with this partnership with CIMV, which will enable us to take our development further in a market which has undeniable potential for growth and is of strategically importance for many of our clients. It will also allow us to better respond to future project bids for biorefineries across the world,"* explains Stéphane His, Technip's Vice President of Biofuels and Renewable Energies.

*"This agreement will allow our start-up to launch its industrial program. With Technip's support, CIMV is now able to offer a coherent and solid range of products and services to all industrial companies wanting to develop new bio-sourced applications and anticipate future regulations,"* concludes Thierry Scholastique, Chairman of the Board of Directors with CIMV.

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### Technip

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

From the deepest Subsea oil & gas developments to the largest and most complex Offshore and Onshore infrastructures, our 30,000 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 NYSE Euronext Paris exchange and the USA over-the-counter (OTC) market as an American Depositary Receipt (ADR: TKPPK).

### CIMV

The company CIMV (Compagnie Industrielle de la Matière Végétale), founded in 1998, has developed a revolutionary concept of lignocellulosic biorefinery. Based on a petroleum refinery model, this allows the separation, without risk to the environment and without degradation, of the three components of plant material into three intermediary products designed for industry: Biolignine™, cellulose/glucose and sugar syrups in C5. These products can be substituted for commodities of a fossil origin used in the composition of everyday consumer products (glue, insulation, fuel, plastics, etc.).

The extraction of a pure lignin is the unique scientific breakthrough of CIMV's process and the basis of its profitability, since lignin is the equivalent of a petroleum phenol or carbon black.

The plant material used in this CIMV process is non-food and comes from agricultural byproducts (cereal straw, bagasse from sugarcane and sweet sorghum) or fiber crops (hemp, flax, Provence cane and miscanthus), but can also come from forestry waste. CIMV has protected its technology by filing seven international patents.

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Technip

Public Relations

Christophe Bélorgeot Tel. +33 (0) 1 47 78 39 92

Floriane Lassalle-Massip Tel. +33 (0) 1 47 78 32 79

E-mail: [press@technip.com](mailto:press@technip.com)

Investor and Analyst Relations  
Kimberly Stewart Tel. +33 (0) 1 47 78 66 74  
E-mail: [kstewart@technip.com](mailto:kstewart@technip.com)

Apollinaire Vandier Tel: +33 (0) 1 47 78 60 74  
E-mail: [avandier@technip.com](mailto:avandier@technip.com)

**Group website** <http://www.technip.com>

## **CIMV**

Press relations  
Marion Racine Tel.: +33 (0)1 41 34 28 54  
[m.racine@cimv.fr](mailto:m.racine@cimv.fr)  
Website [www.cimv.fr](http://www.cimv.fr)