



*Contact:*

*Marina Landi TECHINT S.p.A, (Italy) - phone ++39 010 6054475*

March 22, 2006

## A new giant in the Direct Reduction Technology: the HYL Technologies, Techint and Danieli alliance

HYL Technologies, the pioneer of the DRI technology, now part of Techint, allied with Danieli in order to create the new **Key Player** in the direct reduction plant market.

This strategic alliance will allow the three Partners to join their own know-how and technology for the design and construction of Gas Based Direct Reduction Plants, to be presented world-wide under the new trademark **ENERGIRON**.

Resources and potentials of these Partners in the field of DRI are considerably enhanced through this alliance, where tradition, consolidated technologies and innovation are admirably combined:

- An heritage of over 40 direct reduction modules, including the first commercial plant worldwide, built in 1957
- A major steel maker, Techint Group, with a production of over 7 Mtpy of DRI and HBI.
- Patented DR technologies of Danieli and HYL Technologies
- Impressive plant making capabilities and powerful international networks of Danieli and Techint.

The new trade mark **ENERGIRON** highlights the high energy content of the final product from the offered technologies, also able to process multiple typologies of iron ore, including sulphur rich ones and employing reducing gases as different as natural gas, syngas and coke oven gas.

The first achievement of this new alliance is the turn key contract for the supply of a steel complex to produce 1.4 mtpy of long rolled products recently signed by Danieli with General Holding Corporation, in Abu Dhabi, with the cooperation of HYL Technologies and Techint. One of the key plants of said steel complex is the new HYLIII® module for the production of 1.6 mtpy of DRI. This plant will also be equipped with the HyTemp® technology, the state of the art pneumatic system for the continuous transportation and charge of hot DRI into the EAF; the same system has been successfully in operation for more than 6 years at Hylsamex in Monterrey.

*Techint Technologies design and supply a wide range of equipment and services for the metals, glass and raw materials industries. For more information visit our website at [www.techint-technologies.com](http://www.techint-technologies.com)*