



**TRIPHASE is specialized in realising complex and synchronised power conversion systems based on a centralized PC-based approach**

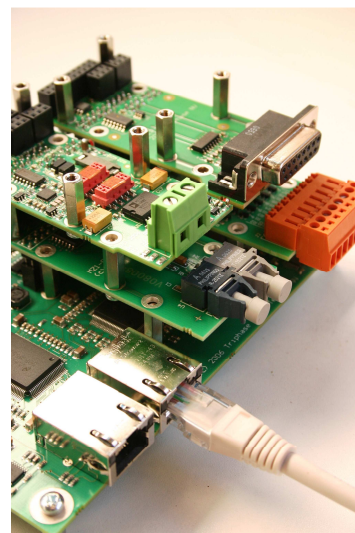
**Triphase is able to provide to ITER standard as well as customised solutions power conversion systems up to 500 kW**

Triphase creates and markets a product and methodology to efficiently turn simulated control strategies into practice by creating a direct real time link between engineering platform (Matlab Simulink, Labview) and the power section, including taking care of all necessary, galvanic isolated, measurements such as power and position measurements.

Based upon previous system, it becomes possible to create complex synchronised systems, such as back to back topologies, nine phase machines, four leg grid connections, as well as to speed up considerably all research on power electronics.

Triphase is a young spin-off company of the university of Leuven. The company started in 2006 and as such is keen in promoting and deploying his technology in a project such as ITER.

As a subcontractor in various fields of research utilising power electronics, we believe there are a lot of research activities in which we can provide added value.



#### Contact Person

Mr Frederik Loeckx

email: [frederik.loeckx@triphase.com](mailto:frederik.loeckx@triphase.com)

tel: +32 2 6690602

fax: +32 2 6690609

[www.triphase.com](http://www.triphase.com)

Romeinse Straat 18  
3001 Heverlee  
Belgium