

One-page expertise description

Organisation	CEWAC
Address	Rue Bois Saint-Jean 8 - 4102 Ougrée - Belgique
Type of partner	Research Centre
Website	www.cewac.be

Contact person	Philippe RENARD
Email	philippe.renard@cewac.be
Telephone	+32 (0)4/256.94.00
Position	Hydraulics Laboratory Manager

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Topic(s) of interest:

LCE 2 – 2014/2015 : Developing the next generation technologies of renewable electricity and heating/cooling *Hydropower*

Headline:

Services, studies and research for the industry in the fields of assembly, controls and hydraulics.

Potential contribution:

CEWAC assists companies during all innovative project phases from the development of technological demonstrators and industrial prototypes up to the production of pilot lots. It studies and builds tests benches. It also performs calculations, flow and mechanical simulations (FEA and experimental), development and design in the fields of Welding and Environmental and Industrial Hydraulics.

Since many years, CEWAC has also been collaborating on different projects linked with the biomethanisation to improve the hydraulic behaviour inside tanks and build a pilot unit to treat liquid effluents. After this first part of the study, it tends to integrate solid influents inside the unit. CEWAC has been also studying, testing and developing equipments and technologies allowing the use of biogas at small scale.

CEWAC also worked on a project to develop a test bench for a μ turbine unit.