

## Project promotion



The project is supported by the **Ter@tec association** for scientific cooperation and organization of the users' community

## Organization

- **WP1 - Organization:** Coordination of the project and quality control
- **WP2 - Tools:** A set of tools to ease code parallelization on hybrid architecture
- **WP3 - Platform:** An optimized architecture for hybrid computing able to track energy consumption
- **WP4 - Industrial and Academic applications:** A validation in exploitation conditions

## Milestones

- **Start:** March 1<sup>st</sup>, 2010
- **Project duration:** 24 months
- **Partners' training:** Summer 2010
- **First results:** April 2011
- **Events:**

Parallel Camps @ La Gantine, Paris: every 3 months  
Symposium on hybrid computing: March 2011

### Contacts:

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## Project partners

### • Major companies



### • SME



### • Academic Labs



You are welcome to join the users' community of the project by sending your contribution proposal to :

[bcandelon@wallix.com](mailto:bcandelon@wallix.com)

# openGPU

Building  
**OpenCL tools**  
for **CPU / GPU hybrid computing**

A project supported by the competitive clusters  
**System@tic Paris Region**  
and **Cap Digital**



## Context of the HPC industry

GPU is a promising solution to address the growing need in computing power :

- GPU hardware have evolved in less specialized architectures
- GPU have a better power/energetic consumption ratio
- The OpenCL standard has been released in 2008



[www.opengpu.net](http://www.opengpu.net)

