Technical training

We offer all skills you need to train technical staff

- **Multi-level technical training**

   Our expert staff delivers regularly technical hands-on workshops for technicians, engineers and technical trainers (French, English, German). We have broad experience in know-how transfer on energy and electronic subjects for different levels (no or limited technical background, university degrees, industrial users and developers, managers). In the past, we have successfully delivered workshops for Arabic customers (Egypt, Emirates, Saudi-Arabia).

- **Courseware development in french - german - english**

   Definition and creation of workshop outline, student's handbook, instructor guide, foils, labs, and additional workshop tools.

- **Organization of technical workshops and seminaries**

   Management and scheduling of several presenters or instructors; logistics.

- **Consultancy in technical training organization and management**

   Project management, specifications, costumer investigation, market studies.

Special focus :
training in embedded control and energy management

- **Existing Workshops in embedded control: beginner, intermediate and advanced level**

   - Microchip Microcontrollers : 8 bits, 16 bits, 32 bits

   - Digital signal control (dsPIC)

   - C programming language for embedded applications

   - RTOS

   - Emulators, debuggers and programmers

   - Bus and communication interfaces (TCP/IP, CAN, USB, RS485 etc)

   - Microcontrollers and Mechatronics

   - Fuzzy logic

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- **Existing Workshops in energy management : based on technical or non technical background**

  - Energy management in industrial plants

  - Energy diagnosis in industrial plants

  - Reducing energy consumption in residential buildings

  - Basics on energy management in residential buildings

We have more than 20 years experience in technical training

- **References**

  - Senior consultant at the department for external training of the governmental agency for environment and energy management (ADEME): project management, specifications, costumer investigation, market studies, development of workshops on energy management in industry, training (1996 – 2003)

  - Workshops about the use of a particular software for industrial energy studies (APAVE, IUT Lorient, DRIRE, IFTH)

  - Courseware and workshops on industrial energy management with integration of national environment audit (ADEME).

  - Since 1995 for costumer training in France for Microchip Technology Inc.

  - Workshops for software and hardware designers and developers (technicians and engineers) and technical trainers on embedded industrial applications that use microcontrollers

Etudes Expertises Energie et Electronique

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