

INTBAT

Development of an information system that integrates data from different existing solutions in the field of energy efficiency of buildings.

Project Management

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Information

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Keywords

- Energy efficiency in buildings
- Data acquisition
- Information system
- Energy ontology
- Semantic web
- Open source software

Our skills

- Knowledge of the market
- Data integration

Valorisation

- Setting up CTI or TheArk Energy projects
- Public or private commissioned work

Partners

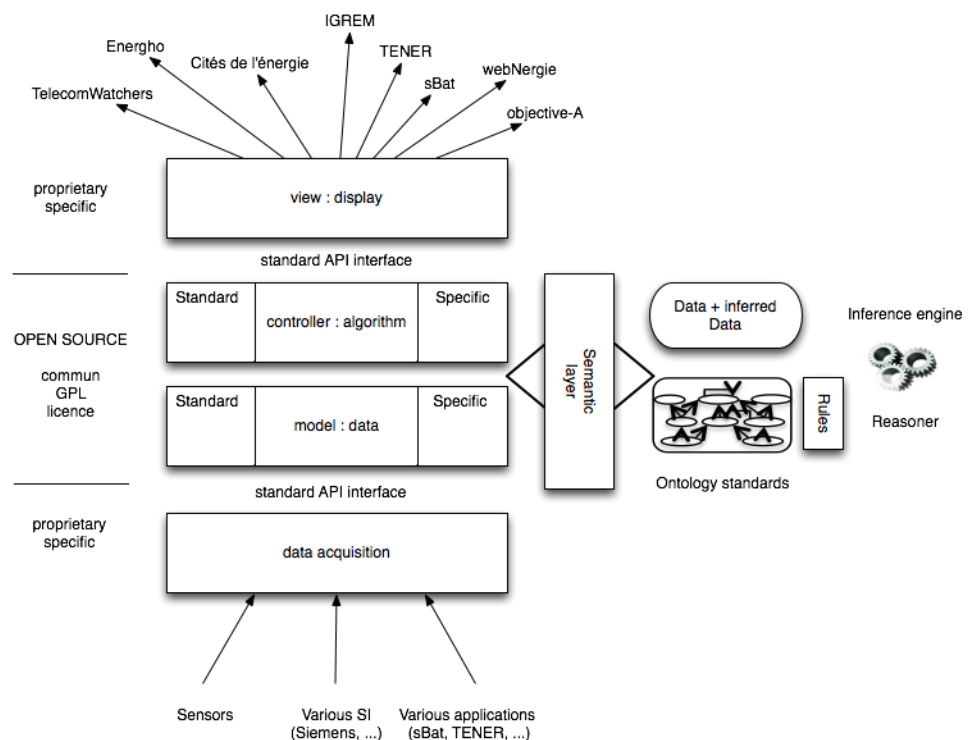
- University of Applied Sciences and Arts Western Switzerland Valais, Institute of Systems Engineering
- HES-SO Fribourg
- HE Arc

Finance

RCSO ISNet

Schedule

01/2012 – 12/2013



The many different **energy management information systems for buildings** have each been developed for a specific purpose. This means that the professionals in this field frequently have to use several solutions which are often partially redundant

The aim of the INTBAT project is to develop an **information system** for the generic integration of certain data and algorithms to optimise the energy management of buildings.

With INTBAT, the Institute of Information Systems pursues the following objectives:

- Provide a **list of market-oriented needs** of the different stakeholders
- Develop an **open source software** that integrates the data from these different systems. This software will acquire the required information by connecting to the user interfaces of the existing tools.

