

Booklet SPI

Book cover

High School Pierre Mendès France

Bruay La Buissière

France

Accompaniment care and home support

- Connected objects
- Suitable housing for disabled and elderly people
- Home automation

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Editorial.

Why this brochure ?

We want to present our work about accompaniment of disabled and elderly people.

We have three experimental tools :

- A suitable housing for disabled and elderly people.
- A home automation
- Connected objects.

These tools will be used to train people to:

- Home support
- Habitat improvement
- installation and maintenance of technical applications in the individual housing
- Experiment and research new solutions for home support

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What is the Campus ALS?

It is a regional project that deals with the loss of autonomy.

The goal is to bring together high schools, universities, businesses, associations and communities to address the issues of disability and the aging of the population.

We want a better training for future professionals in the sector of support and care for disabled and elderly people.

Allow support professionals to master housing innovations

The campus must connect the various stakeholders in the framework of the silver economy

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“Le studio pédagogique intelligent(S.P.I) »

What it is ?

It offers to treat the theme of the aging of the population with home care.
The goal is to offer a suitable and functional accommodation.

Live at home independently and safely

Facilitate the daily life of staff with aids to perform the same gestures.

In adapted housing we have an approach for each space, but also cross-cutting issues such as displacement, securing people, sustainable development.

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Security, alarm, remote monitoring.

- The camera allows habitat monitoring. Security in case of intrusion, surveillance of the person and falls ...
- Controlled outlets make it possible to control any device at lower cost
- The Netatmo controls the air quality.
- The smoke sensor is a connected smoke sensor to alert of danger

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The Kitchen area.

- mobile worktop,
- matching cooking equipment,
- matching cutlery,
- matching seating,
- double handle cup,
- ergonomic solutions

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The living room area.

- card holder,
- adapted electric wheelchair,
- large print book

The toilet and hygiene area

- wheelchair accessible toilet and ergonomic solutions,
- accessible shower area for disabled or reduced mobility

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Bedroom and night displacement

- non-medical bed with adjustable height
- detection light path
- tripod cane
- single walker

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Various accessories

- lift seat
- swivel seat
- light wireless vacuum
- device to control and improve sleep.

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Training and modules in the SPI

New training modules are available in the SPI.

We train future professionals of the accompaniment to the person.

We also train current professionals

Are also trained domicilists to install and repair.

We welcome carers, associations, seniors, people with disabilities.

They will discover our adapted housing, connected objects.

They will learn to use a tablet to take possession of home automation.

However we can also welcome students, researchers.

They will find and propose new solutions to better support dependent people.

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Home automation

The home automation house is an experimental teaching accommodation that offers remote control solutions for everyday devices.

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Home automation and electro manager

- We can control the shutters, lights, heating with a tablet or smartphone.

- We propose a connected washing machine. its starts at a distance by a phone call.
- It's the same for the connect dishwasher.
- The temperature of the connected freezer can be lowered during your purchases at the supermarket. This helps predict the arrival of frozen food.
- You can also stop your oven remotely if you forget.

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Communication between multimedia objects in the home automation house.

- It is possible to have all the media communicate in this house. The NAS server communicates with the multimedia station, with the blue ray player.
- You can send a cooking recipe from your smartphone on the TV, on a tablet.

The house is scalable.

It is possible to move switches and wireless plugs without doing heavy work.

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The project around connected objects. (LCHI)

This project involves studying connected objects.

They are tested by volunteers.

We then give an opinion to know if they are useful to the people for maintenance at home

Here are some examples of connected objects that are considered useful.

- The connected bracelet, the connected scale, the connected sphygmomanometers: useful objects for a medical follow-up or hygiene of life.
- The Plant sensor allows you to manage your plants. But it allows to record data on the way of life of the person of housing.
- The connected lock allows a more fecund and secure access for the people living in the house, but also for the caregivers, the family.
- The connected thermostat allows simplified heating management and cost control.
- the Paro interactive robot accompanies the elderly, especially those suffering from Alzheimer's disease