

WHO AM I



Ulderico Ceccarelli

- Chemical engineer, owner of know how, patents and design of **L.A.A.C.**'s process & technology, awarded in 1986 by the Commission of the European Economic Community
- Designer & builder of **L.A.A.C.** Plant in Italy in 1990
- Manufacturer of **L.A.A.C.** goods from 1992
- Promoter and president of Association of Italian A.A.C. & **L.A.A.C.** producers (1996 – 2000)
- Italian representative in the European Union for the formulation of EE standards concerning A.A.C. & **L.A.A.C.**

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L.A.A.C. - Green Building

A NICE TALE

3 little pigs built their houses with different materials:

- straw: a simple blow was able to destroy the house
- wood: the strong blow destroyed the house
- bricks: no blow was able to destroy the house

Nobody knows that a fourth brother was born few years ago, and he built his home with [L.A.A.C.](#)

The best blocks in the worldwide market whose performances are lightness & strength, thermal & acoustic insulation, fire resistance & no flammability, hygiene & health, eco-sustainability, Green Building.

You can understand why all the other brothers went to live in this new house and all were happy ever after.



L.A.A.C. - Green Building

BUILDINGS & RESULTS BY L.A.A.C.

Hotel
complex
L'Aquila -
Italy



Hospital
Maggiore
Bologna -
Italy



Two
storey
villas
Treviso
North
Venice



Bristol
Meyers
Squibb
Anagni
South
Rome



L.A.A.C. - Green Building

WHAT IS L.A.A.C. ?

- Autoclaved Aerated Concrete – A.A.C. – is the most used process in Europe and Germany with a market share higher than 35 %
- A.A.C. is the cement-based process, patented in the first decade of 20th century in Sweden
- The process uses huge amount of cement, needs gypsum, uses sand and lime
- Because of the huge amount of cement and gypsum, A.A.C. is not able to meet Green Building standards



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