



European Industrial Hemp for Building

The broad range of the hemp applications in the building and construction sector and the current situation in Europe.

Steve Allin
director, International Hemp Building Association.

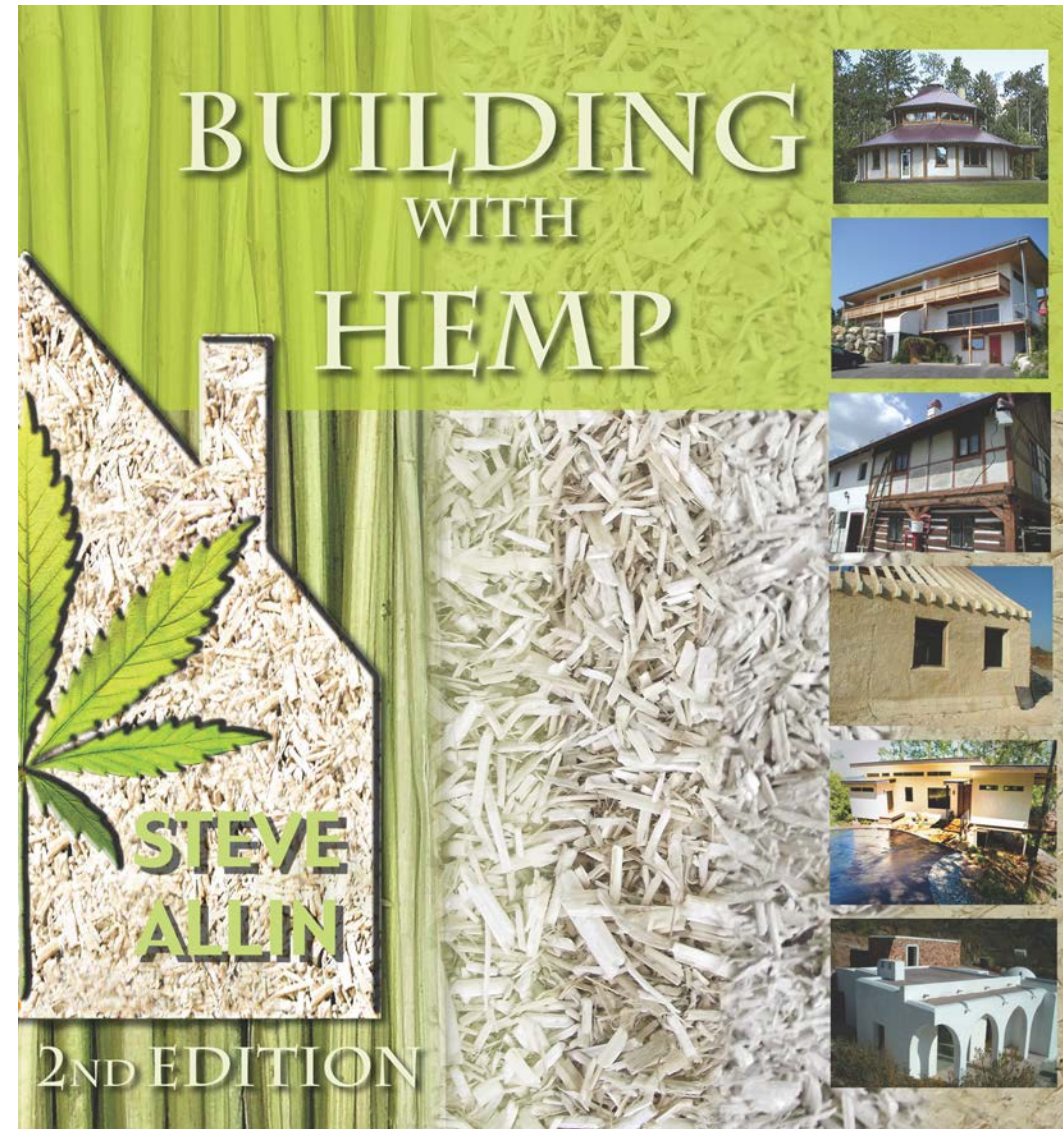




Hemp construction beginnings



Charles Rasetti invented hempcrete to repair a medieval house in Nogent sur Seine France in 1985.



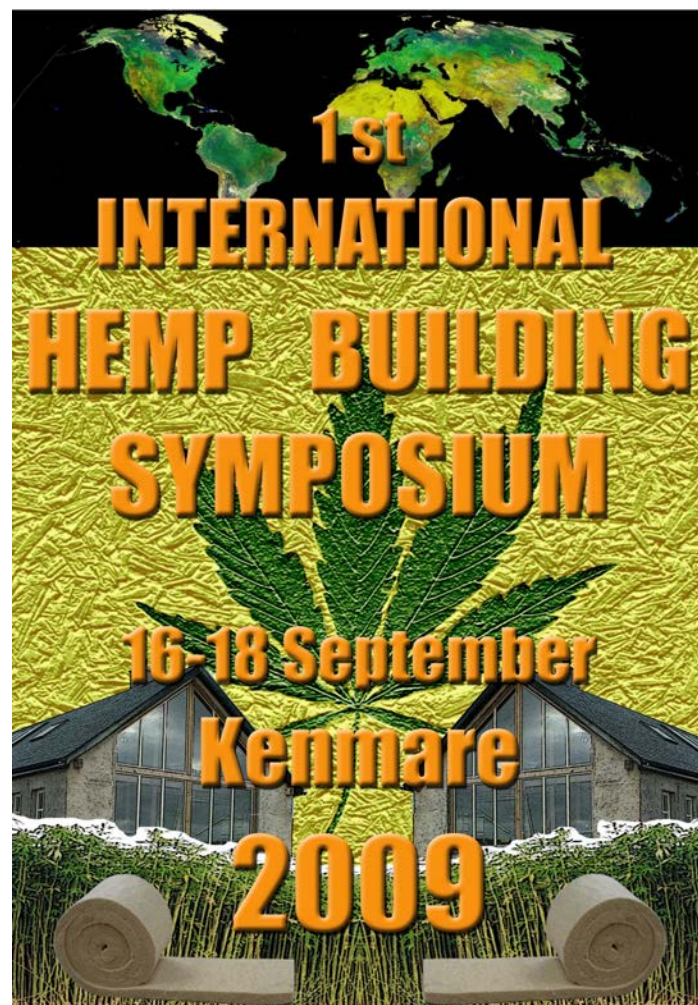
The knowledge stayed within France until in 2005 I published 1st edition of Building with Hemp and the 2nd edition in 2012.

<https://seedpress.ie/product/hemp-building-book-bundle/>



International Hemp Building Association

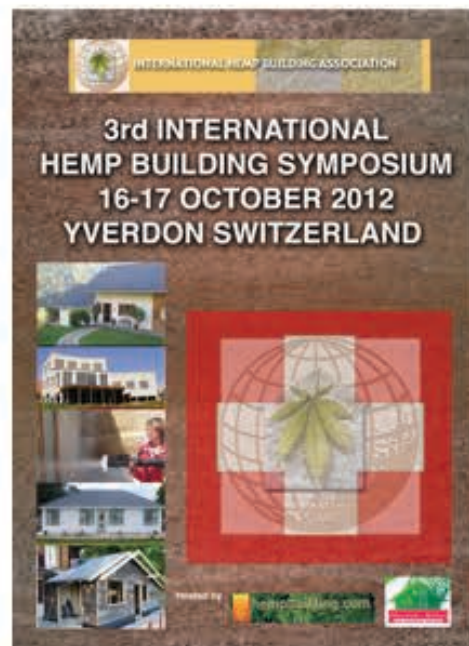
created after the 1st International Hemp Building Symposium 2009





Database of presentations

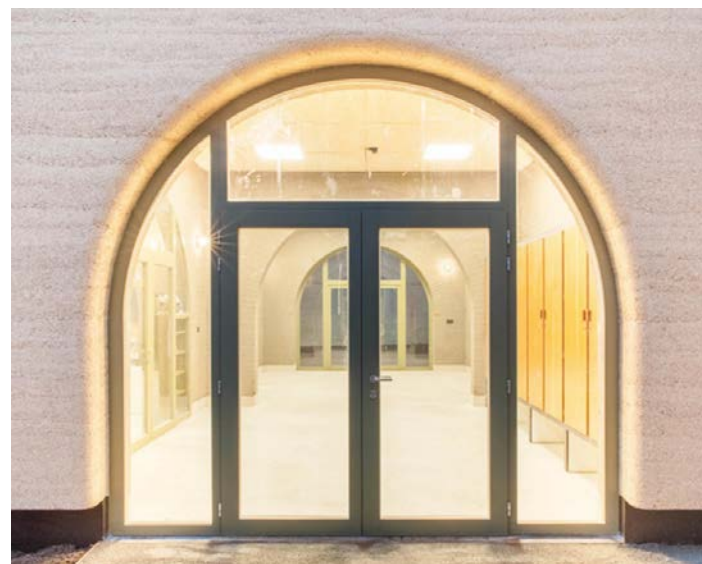
we have over 140 presentations from our 11 events





Europe has lead the way in experimenting with a range of applications and versions of what we call hempcrete

Variations of hemp hurds and binder can range from clay and lime, natural cements or bioadhesives to create an envelope around a structure.cast in situ, prefabricated elements or spray applied options are now available.





Houses

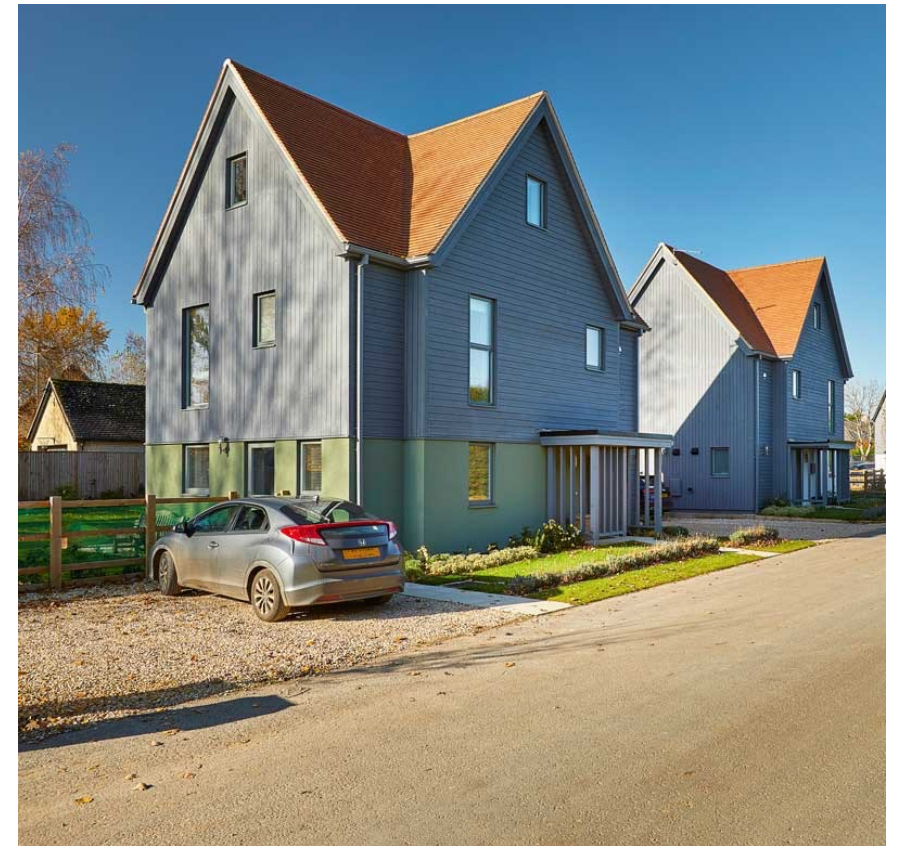
Homes of all sizes have been built using hempcrete



Ireland



Netherlands



U.K.



Belgium



Italy



Switzerland



Retail outlets & Offices

Belgium



U.K.



Luxemburg





Social Housing

Multiple units reduce costs and speed of erection offers solution to housing need.





The benefits from using hemp as either hempcrete or hemp-fibre insulation are many including healthy environments with high air quality, the carbon emitted during production of the materials is negligible and maybe more impactful is the potential for drastically lowering energy costs during occupation. Several large commercial and public buildings have illustrated massive savings of up to €50,000



uture expansions

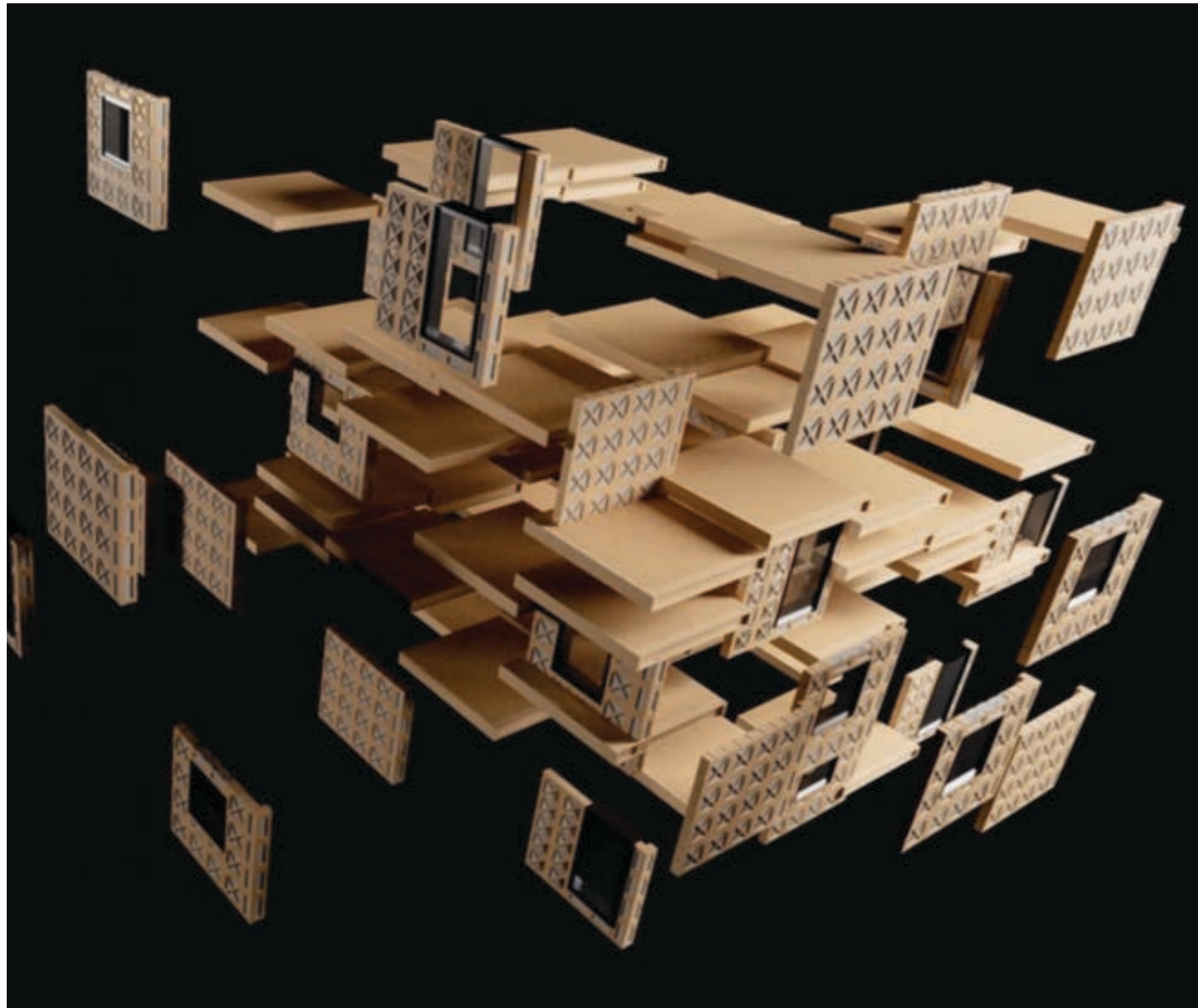


Ekolution in Sweden have initiated large plans for hemp fibre insulation manufacture and installations in the next few years.





New systems and techniques.



Modular systems



Pump applied hemp plaster



Hemp for Building can offer the future solutions

Thank you for listening.
Steve Allin



**INTERNATIONAL HEMP
BUILDING ASSOCIATION**