

Hemp TODAY

www.hemptoday.net

Voice of the Global Hemp Industries

REBUILDING AFTER THE QUAKE

With ongoing hemp building projects in Nepal and Haiti, IHBA's Steve Allin keeps up the globetrippin'

DAN HERER



Jack would be 'amazed, and horrified'

Regional Reports:

- Europe:** A hunger for health
- Asia:** China's Challenges
- N. America:** War winds down
- Hot Spots:** India, Australia, Romania, Poland, Colorado, Kentucky

Hempro Int. feels the global beat

Medical Hemp GmbH: Let's free the CBD market

Paul Benhaim's special passengers

SouthHemp's nifty Italian biz model

ICCI: A bold plan to set global standards

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HELP US REBUILD NEPAL!

The Quake

The earthquake that hit Nepal in 2014 destroyed as many as 600,000 homes. Shah Hemp Inno-Ventures is making use of naturally occurring wild hemp for hempcrete to help restore the homes, the economy and the lives of quake victims in a private initiative with no NGO or governmental assistance.



We Seek

- **Trained volunteers** who'd like to enjoy Nepal and contribute to its recovery and development.
- **Basic machines** for hempcrete construction: hemp wood chipper, pan mixer, shuttering panels, etc.
- **Basic processing machines** to process raw hemp fibers extracted from decorticator into hemp yarns.



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Nepal

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Voice of the Global Hemp Industries



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		Futura 75

WHOLESALE

- Organic de-hulled seed
- Hemp fabric
- Cold-pressed hemp oil
- Hemp flowers/leaves
- Hemp grain for birds
- Hemp shives/hurds
- Organic hemp grain
- Conventional hemp grain

FUTURE CONTRACTS

- Planting seeds - March '17 delivery
- Organic hemp grain - Dec '16 delivery
- Planting seeds - Sept '17 delivery

SOLUTIONS

- Custom-built hemp flower harvester
- Hemp-tested organic fertilizer
- Hemp grow technology map
- Hemp seed processing line

More information at www.ihempfarms.com | Meet us at EIHA Conference 2016 | tmechkarov@gmail.com | +32 465 260 550



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Join EIHA to support the Hemp Industry

- All your questions about Hemp business are passed on to all **EIHA** members
 - Instant access to more than 400 presentations, studies and statistical data
 - You will be part of a network of important international Hemp experts:
More than 130 companies, associations, institutes and individuals already support **EIHA**.
 - Opportunity to support the networking, lobbying and publishing of information on Hemp by **EIHA**.
 - You will be supporting the environmentally conscious Hemp Industry
- EIHA** is involved in all areas of the Hemp Industry, including:
- Hemp Fibres
 - Hemp Shives
 - Hemp Food/Animal Feed
 - Hemp Pharmaceuticals

The European Industrial Hemp Association (EIHA)

EIHA was originally founded as an association of the members of the European hemp industry. Regular members include primary hemp processors in the EU. Associate members may be associations, research organisations and companies as well as individuals working in the area of hemp and other natural fibres. Founded in 2005, EIHA today has 13 regular and more than 120 associated members from 36 countries.

EIHA was founded to give industry a voice at the European Commission in Brussels. It has rapidly become a respected industry association that provides effective lobbying and serves as an information bank. The annual EIHA conference has become an attractive opportunity for members and visitors to meet, learn about developments and exchange views with their colleagues.

Join EIHA and support the Hemp Industry.

Regular membership is restricted to those legal entities or companies, which perform the processing of hemp straw to produce fibres and hurds/shives or hemp raw material such as fibres, hurds/shives, seeds or flowers. Each regular member has 10 votes plus 1 additional vote for every 1,000 ha of area under hemp cultivation contracted by its processing plant(s) in the current year. Regular members must provide, to the Executive Director of EIHA, data on their cultivation and processing of hemp and on the use of their material by product line by, at the latest, 1 April of the following year. Regular members are also member of several special interest groups (CBD, Fibres, Food, Shives, THC). The annual membership fee for regular members is 165 € per vote.

Associated membership: Any person or institution may become an associate member. Associate members may attend the annual EIHA meetings, having the right to speak, to make proposals and to vote. Each associate member has 1 vote. The annual membership fee for associate members is 330 € (or a larger voluntary contribution). Please check with statute and minutes of EIHA.

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or visit www.eiha.org

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Year Book**

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Commitment.



Our new €5 million processing facility in Romania is only the first step in our efforts to help revive Romania's glorious hemp past.

With an ultimate capacity to process hemp from 5,000 hectares of fields, we're working to improve the lives of local farm families while at the same time providing natural, renewable materials to replace synthetic, fossil-based resources. HempFlax encourages an environmentally responsible approach by Romanian entrepreneurs and consumers, while discouraging unnecessary deforestation and environmental change.

A worldwide leader in hemp processing, HempFlax aims to bolster the agricultural sector of Romania, returning it to its former status as a prolific exporter of hemp.

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- Processing machinery
- Sowing seeds
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Hungry for Health

Europeans' appetite for organic, healthy living is the bellwether for a hemp food boom on the continent

With sales of organic, healthy foods continuing a steady climb across Europe, hemp-based edibles may be coming into their own at just the right time. As EIHA has reported, hemp food products are becoming more and more established in the mainstream in products like hulled hemp seeds, protein powder and high-nutrition oils. Organic food fairs across Europe, where the market for such healthier, more natural foodstuffs has climbed toward €25 billion (more than doubling since 2004), are more and more populated by vendors of niche hemp products. And hemp-seed-based food is now a common item in the mass market through supermarket networks in many countries.

Still, question remain

With legacy hemp firms busier and busier at the trading level, more and more creative, smaller companies are developing niche hemp food products, and doing the marketing. Still, imports of hemp seed to the EU from third-party countries remain higher than domestic production, indicating clear room for growth among EU hemp food players.

Yet there are fundamental questions to be answered if hemp foods are to have a clear playing field. First, hemp has to work its way into compliance under the EU's Novel Food Directive, which governs such things as product safety and labeling on newly developed foods. Also, questions over allowable THC levels in hemp foods particularly challenge the products.

CBD pauses to catch its breath

Hemp foods could move front and center with the industry especially as the European CBD export market pauses to catch its breath after taking a hit when U.S. authorities cracked down on some re-sellers last year, dampening imports. The United States Food and Drug Administration (FDA) in early 2015 issued warnings to some U.S. retailers that "CBD" labeled products they were selling are not officially "recognized" and that they may be in violation of U.S. interstate



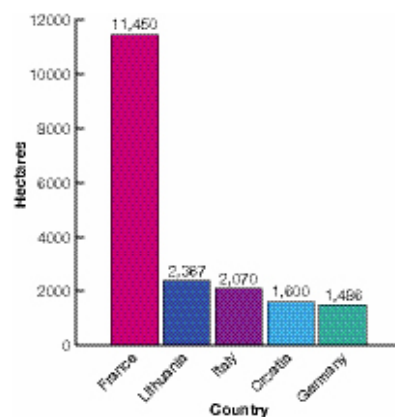
Holland-based HempFlax invested €5 million in a processing plant in Romania, where it farms hemp on 500 hectares.

Photo: sensiseeds.com

Europe's Top Growers

European hemp fields 2015 (est.)

Source: EIHA



commerce laws, casting a chill over the market.

And other challenges are ahead for CBD. Europe's CBD value chain requires infrastructure investment if the industry is to attract farmers to the crop, while more processors need to gain experience making CBD formulas, and sales channels need to be smoothed out.

Search for standards

For now, CBD and other medical can-

nabis players are ramping up efforts to set quality standards critical to the sector's future. Groups like the International Cannabis and Cannabinoid Institute, a U.S. led international organization based in Prague, are forging ahead with clinical research and working to help shape a slowly evolving European regulatory landscape that will sync with global regimes.

Composites, construction

Beyond food and CBD, EIHA sees a well-established market in hemp for natural fiber composites, which are used for the reinforcement of automotive interior trim parts, for example. Steady growth in demand for those fibers globally means a chance for Euro producers, especially due to supply limitations in Asia, the EIHA has noted.

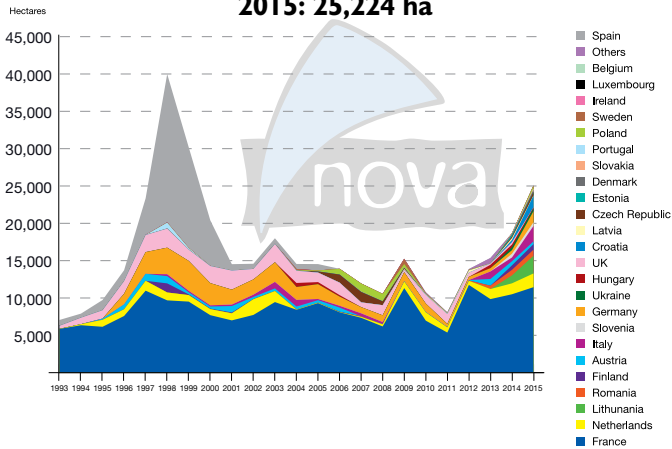
And while the hemp construction sector continues steady growth, with notable projects already completed in the residential, retail, warehousing and commercial sectors, the material needs broader acceptance among mainstream and so-called "green" builders if it is to pick up significant pace. It could be boosted by various EU funding programs aimed at reducing CO2 emissions in light goals adopted at the COP21 climate change conference in Paris last December.

Europe by the Numbers

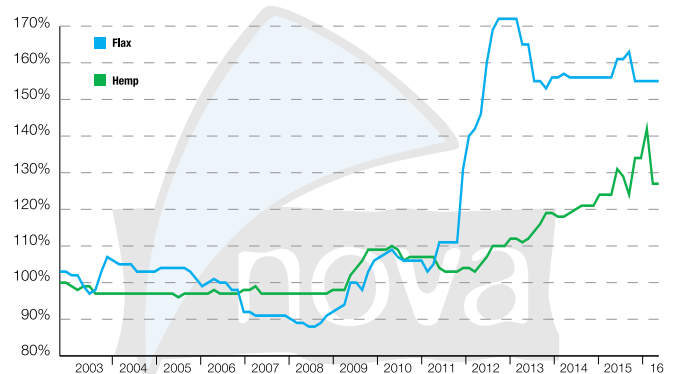
Key indicators on the European hemp markets based on EIHA research.

Hemp Cultivation Area in the EU 1993–2015

2015: 25,224 ha

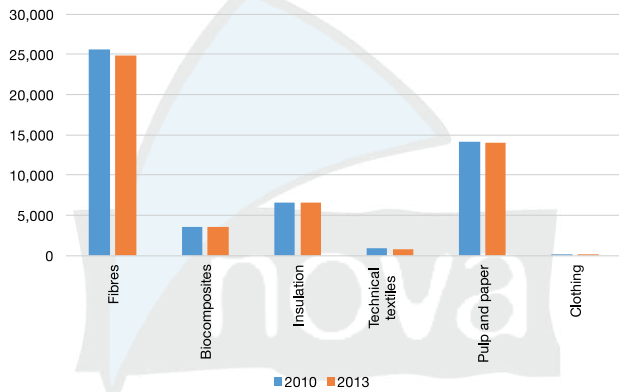


Price Index: Hemp & Flax Technical Short Fibres

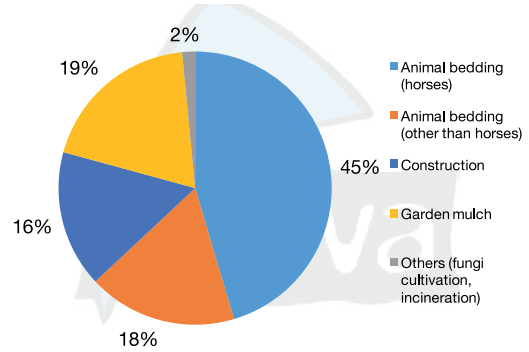


100% = equal the price of technical hemp short fibres in March 2003. Basis: Supply of 100 t per year.
 Sources: novadesign GmbH on the basis of 4-weekly price reports from: Aprilite SA (I, since 2005), Badische Naturfaservererbeitung Bafa GmbH (II), Hemp Technology Ltd. (UK), HempFlax SA (NL), Industrie Fibres GmbH (D), Lantana LLC (USA 2007-12), NEMO GmbH (D, until 2008), Phocelia SA Corporation (IL, until 2005), since 2006-10), Jachowicz-Siemiatkowski (PL, since 2007-10), SANECO (I, since 2008), Institute of Natural Fibres and Medicinal Plants (I, since 2010).

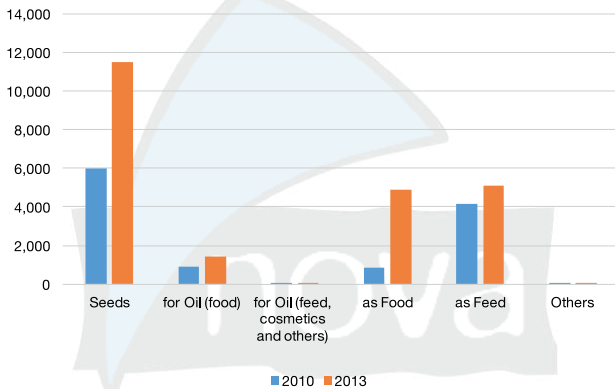
Hemp fibres (in tonnes)



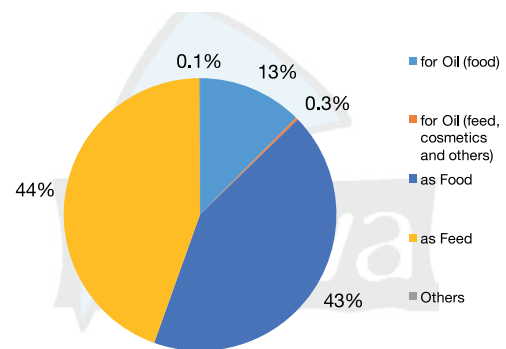
Hemp shivs 2013, total: 43,000 tonnes



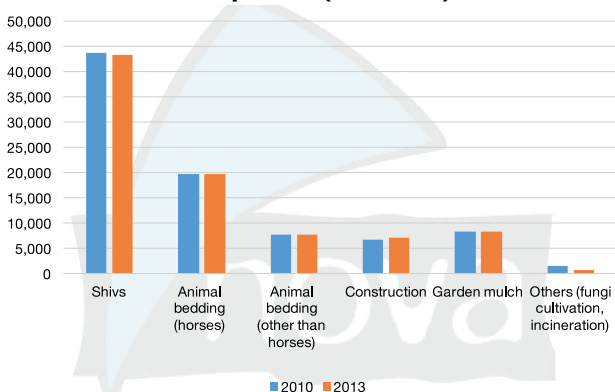
Hemp seeds (in tonnes)



Hemp seeds 2013, total: 11,500 tonnes



Hemp shivs (in tonnes)



Hemp fibres 2013, total: 25,000 tonnes

