

- Textile Material
- Go to crop to offset carbon emissions
- Bio-Composites Material

A goldmine material for the future

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ORGANIC HEMP
SUSTAINABILITY / HOT TOPICS / MATERIALS / ORGANIC HEMP

Organic hemp

Hemp is a new material for H&M, but it's been used to make textiles for thousands of years.

Unlike many other plant-based materials, hemp grows well even in cold climates. And, because we've learned how to make hemp soft enough for weaving into fabrics, it's becoming an increasingly popular resource.

Why we love organic hemp

- Hemp gives much more fibre per square metre than other plants, including cotton
- The hemp plant actually improves the soil it grows in
- Organic hemp is grown without chemical pesticides and fertilizers
- It doesn't take much water to grow hemp

Trust Me, I'm an "Eco-Designer"

Hemp produces more pulp per acre than timber on a sustainable basis in just 4 months

... can be used for every quality of paper. Hemp paper manufacturing can reduce wastewater contamination. Hemp's low lignin content reduces the need for acids used in pulping, and its creamy color lends itself to environmentally-friendly bleaching instead of harsh chlorine compounds. Less bleaching results in less dioxin and fewer chemical by-products.



Hempearth's plane is made of hemp-and-resin panels, a sustainable and lighter alternative to traditional materials.

Hemp May Be the Future of Flying

Canadian Derek Kesek has set about making the first plane made almost entirely of hemp. That's right, Cannabis. Not to worry, though, neither with the "flying high" jokes, he's heard them all.

By: Deb Hopewell Mar 16, 2015

- 3D printing filament
- Hemp based carbon nanosheets > existing graphene
- Sustainable bio-plastics

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Matterlab develops hemp and tagua-based FDM 3D printer filaments

Feb.5, 2015 | By Alec



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Hemp fibres 'better than graphene'

Why Lego Is Spending Millions To Ditch Oil-Based Plastic

The toy company wants to find an alternative material for the 60 billion bricks it makes a year. But it's not going to be easy.

- Hemp Super & Ultra Capacitors
- Hemp Nano tech Applications
- Hemp Batteries

A goldmine material for the future

University Develops Hemp-based Super Capacitors

August 25th, 2014 by Steve Hanley



Tesla Motors Inc's Secret Growth Weapon -- Hint: It's Not Cars

Hemp Is on its Way to Your Car Battery and Many Things You Haven't Yet Imagined

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Scientists turn to hemp for cheap, fast-charging batteries

1 NO POVERTY



2 NO HUNGER



3 GOOD HEALTH



4 QUALITY EDUCATION




5 GENDER EQUALITY




6 CLEAN WATER AND SANITATION



7 RENEWABLE ENERGY



8 GOOD JOBS AND ECONOMIC GROWTH



9 INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE



17 PARTNERSHIPS FOR THE GOALS



THE GLOBAL GOALS
For Sustainable Development

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For Sustainable Development

A close-up photograph of a man with a mustache and a goatee, smiling broadly. He is carrying a large, heavy basket of green bananas on his head, with his right arm raised to support it. The background is blurred, suggesting an outdoor market setting.

Benefit to Indian Economy
Rs.2,400,00,000

Potentially Changing Lives of 380 Million Farmers in India





BOHCO

Bombay Hemp Company

We must
reinstate
the status
quo of our
farmers,
our
providers in
society



We aren't just
creating a
company, but a
whole new industry
& changing the
game for many
other industries too



**HEMP BREATHES IN
4x THE CARBON DIOXIDE OF TREES.**

Yet this crop is 'illegal' to grow through times of universal CO₂ pollution.

EDMED

RECONSIDERCANNABIS

BOHCO
Bombay Hemp Company

We're that
little step in
the long
march to our
better future,
and welcome
you to join us



Boheco.org

While Silicon Valley continues to make *'a dent in the universe'*, farmers in developing economies will grow the materials of the future