

SHOW NOTES

Today's Show is different from the usual 4 step format.

We will revert to that format in our next Show.

TODAY'S BIG IDEA

I will share with you "11 WONDERFUL WAYS IN WHICH INDUSTRIAL HEMP WILL SAVE OUR PLANET"

This Show is inspired by my need to prepare a submission to the Victorian Government Industrial Hemp enquiry that is currently underway.

I am CEO of Textile & Composite Industries. I started consulting to that company in Oct 2012, and became CEO when its founder, Adrian Clarke, died in Oct 2015. TCI supplies the world's best hemp decorticator, a picture of which can be seen on the screen. The website is <https://textilecomposite.industries>

I am Secretary of AIHA, Australia's peak national body for hemp, and have been since 2017. Its website is www.hempalliance.org.au

I am on the four-man Executive Board of the Federation of International Hemp Organisations, in the role of Secretary of that corporation. There are 9 Directors globally. Its website is <https://fiho.org>

I consider industrial hemp, which is low-THC cannabis, to be the most amazing plant available to mankind.

For those of you who believe in God, then I consider it's the most amazing plant given to us by God.

But it's a COTTAGE INDUSTRY.

Why?

Because of BLOODY POLITICIANS AND GOVERNMENT INTERFERENCE on behalf of commercial interests of others.

NOW HEMP'S TIME HAS COME.

I will share the 11 wonderful ways in which hemp will save our planet.

And then I will share 5 steps that must be taken by Governments and by people to make this happen.

I love our planet.

I want to protect it because it's the only one WE have.

I have been involved in organic farming since 1976.

I understand regenerative agriculture.

Our planet has a soil emergency problem.

Our planet has a waste problem, particularly plastic waste.

Our planet has water and air pollution problems.

Our planet does NOT have a climate emergency or a climate crisis.

To keep this Show at a reasonable length, I will need to keep my explanations to a minimum.

But further details are available on request, and anyone who wants me to speak at conferences or meetings on hemp is most welcome to contact me.

There are 10 broad categories of products that can be made from hemp. The picture on your screen shows them:

- a. Food
- b. Clothing
- c. Shelter,
- d. Medicine
- e. Fuel
- f. Fertiliser
- g. Composite products, such as replacement of fibreglass
- h. Body care products and cosmetics
- i. Ropes and bindings
- j. Packaging materials.

Isn't that amazing?

You can see a picture of a hemp crop on your screen that is grown from seed in 100 days; up to 4 metres in height with usable biomass of up to 20 tonnes per ha.

These 11 hemp solutions for our planet are NOT in order of importance.

And there are many more than just 11 solutions!

1. Hemp can help every company that chooses to comply with ESG requirements to elegantly fulfill those requirements.
2. Hemp can help every company that chooses to comply with Circular Economy requirements to elegantly fulfill those requirements, particularly eliminating plastic waste by replacing plastic with hemp alternatives.
3. Australia's greatest security risk is lack of fuel independence and security. Hemp can produce unlimited quantities of ETHANOL from the core of the plant. A true BIO FUEL. This can power most engines, including jet airplanes.
4. Hemp can produce unlimited quantities of bio diesel from hemp seed oil. Another TRUE BIO FUEL that will power farm tractors and other large engines.
5. Bio fuel from hemp can power EXISTING electricity generating machinery, in place of coal, so that affordable electricity can be available without massive capital infrastructure spending.
6. Hempcrete homes are healthier and more energy-efficient than normal homes.
7. Less wealthy countries (particularly level 1 and 2 countries on the UN scale of 4 levels) can transform their economies with hemp to REPLACE IMPORTS, such as fuel and a wide range of manufactured goods. Countries can literally LIFT THEMSELVES UP BY THEIR BOOTSTRAPS by competently growing vast hemp crops.
8. Hemp seed is an excellent food source, particularly of protein. You will be healthier if you eat hemp seed and hemp seed oil.
9. Cheap cotton and synthetic textiles are creating massive waste problems that hemp clothing will solve. Hemp clothes are better, healthier, last longer and minimize waste.
10. Hemp composite products can replace timber usage in buildings, thereby reducing the need to cut timber for those places where this is relevant.

11. New jobs will be created requiring new skills to use hemp in all the wonderful ways that it can be used.

There are many more solutions!

These 11 solutions alone can enable any country to achieve NET ZERO CARBON EMISSIONS if it wishes to, although I do not consider that net zero is necessary because there IS NO CLIMATE EMERGENCY.

I created a mantra for hemp: HPx4 that is on your screen: Healthy Products x Healthy People x Healthy Planet x Healthy Profits!

So, how do we make all this happen?

I say there are 5 key steps.

1. Governments all around the world must do everything they can to remove any impediments to the use of industrial hemp. Even now, the Government's Australian Pesticides and Veterinary Medicines Authority is wrongly attacking hemp food for animals! It is disgraceful, all being done in the name of SAFETY.
2. Large companies need to educate themselves on the hemp solutions in this Show and the info on the websites I have referred to and then take steps to invest serious funds to create the solutions for their business activities. Most companies practise GREEN WASHING: they SAY they are keen on reducing harms to our planet, but they DO NOTHING if it costs them money.
3. Large investment funds, superannuation funds and investors that wish to save our planet from the emergencies I have mentioned above need to be willing to put money into hemp, to convert it from a cottage industry that is unnecessarily blocked by governments and red tape into one of the world's major industries.
4. Local government authorities and most government authorities are risk averse and are unwilling to do anything new without incontrovertible proof. Such authorities must shift that attitude and give preference to hemp solutions.
5. You, dear viewers and listeners, need to demand hemp products and solutions from large companies, from your suppliers, from your retail outlets, so that the demand will drive ever-increasing levels of investment and ever-increasing supply.

So, there you have it.

Industrial hemp can save our planet and it will!

The only question is how quickly this will happen.

It's up to us!

Let's make it happen.

Again, please ask for further information on any aspects of this Show.

The full transcript is available below:

TRANSCRIPT

Hello, I'm Charles Kobus, Australasia, has passion provocateur to welcome to this week's episode of The Charles Covid. Sure, whether you're watching on YouTube or on Rumble or via podcast, in

this week's show, my big idea is to explore the 11, wonderful ways in which Industrial Hemp can and will save our planet provided that governments do not get in the way for regular viewers and listeners. I've got a big surprise it's going to be a different show today. I'm not following the regular format I'm talking about this major topic of industrial hemp because it's so important and because I don't want this show to be too long.

We will revert to our normal format in next week's show. This show was inspired by my need this week to prepare. A submission to the Victorian government here in Australia, that is conducting an inquiry on Industrial Hemp and how it can help Victoria into the future. I'm the Chief Executive Officer of textile and composite Industries. I started Consulting to that company in October 2012, almost 11 years ago, I became the chief executive officer when the founder of the company. Adrian, Clarke died in October, 2015, 3 years after I started to get involved with the company. TCI supplies. The world's best hemp de Corte cater a machine for processing, hemp all around the world. A picture of that Decor Takeda is now on your screen. The website for the company is textile composite dot Industries.

I am also the secretary of the Australian Industrial Hemp alliances Australia's Peak National body for industrial. Hemp Industrial Hemp is cannabis. It is low THC form of cannabis and it is the one that gets you high.

Any cannabis with low THC, will not get you high CBD that you've heard of. I'm sure does not get you high.

Many politicians do not understand this and many politicians makes decisions about cannabis and hemp whilst being totally ignorant, I became Secretary of aiha in 2017. Its website is hemp Alliance dot. Org. Dot a you. I am on the form and Executive Board of the Federation of international hemp organizations. I am the Secretary of Fire There are nine directors globally of Phi ho its website is Phi ho dot-org. So you might say I know a little bit about industrial hemp and cannabis I consider industrial hemp and the cannabis plant to be the most amazing plant available to humanity.

For those of you who believe in God, I consider it's the most amazing plant given to humanity by God.

But presently, it's a cottage industry globally. In other words, It's a Small industry. Why do you think that is? I am often asked this question if hemp is so good. How come? It's such a small industry.

It has less than 300,000 hectares of hemp growing globally. My simple answer to that is bloody politicians, or incompetent politicians or corrupt, politicians or some other descriptor of

politicians as well as government interference in the name of safety. Well, you know how good governments are at protecting your safety. Just look at what we've been going through for the last four years. In the name of saving you, I don't want government to save me. Thank you very much. Governments are also corrupted because they act in the commercial interests of other parties. They make decisions based on the representations of people whose existing business interests will be harmed if they stop blocking new products, new Solutions coming on the market and hemp and cannabis is one of those Solutions and tradition and has been proven to be blocked by government interference. It's now time for that government interference to be, to be totally removed. I call on the removal of that government interference.

Hemp's Time Is Here.

I will share 11, wonderful, ways in which hemp will save our planet. And then, I will share five steps that must be taken by government by government, authorities by companies and each one of us watching and viewing this show. If these steps are taken hemp's time will indeed be here. I love our planet.

Regular viewers and listeners know that I love our planet. I want to protect it. I want to rejuvenate it. I want to regenerate it because it's the only planet we have I've been involved in organic farming since 1976

I deeply understand regenerative agriculture. Our planet certainly has a soil emergency problem. It has been chemicalized beyond belief. Our planet has a Waste problem, particularly plastic, waste and plastic pollution. Our planet has water and air pollution problems. However, our planet does not have a climate emergency or a climate crisis. Nevertheless

understanding how hemp can solve various emergencies. Will reinforce the need to go deeply into him and understand how hemp can Save our planet to keep this show at a reasonable length. I will need to keep my explanations at a minimum while I'm doing those explanations, I will keep imbibing. My wonderful

caffeine, not cannabis, but caffeine mmm,

further details of all of these propositions and I'm putting to you are available on request. Any one of you who wants me, Speak at conferences or meetings or corporate. Meetings is most welcome to contact me and let's have a discussion about that. Now, there are ten major categories of products and solutions that can be made from industrial hemp. And from Cannabis the picture on your screen shows, these 10 categories. They are food clothing

Shelter buildings number four is medicinal Solutions. Fertilizers

biofuels

composite products, such as those used to replace fiberglass, body care, products and cosmetics

ropes and binding Solutions. And lastly, packaging Solutions of all types. Isn't that amazing? I think it's amazing. That's why I say hemp is the most amazing plant that is available to humanity. You can see a picture of a hemp crop on your screen. This crop grew from seed, in 100 days,

Imagine that up to 4 meters in height, over 100 days that's four centimeters of growth each day. It can produce usable biomass of up to 25 tons per hectare, but the number that I think on is 10 tonnes per hectare of usable biomass. Now these 11 hemp solutions that will save, our planet are not in any particular order of importance and there are many more than just 11 Solutions I've tried. To distill the best and most relevant 11 for your consideration. There are many more if you can see a problem contact me and we'll discuss how him can be a solution. Here's hemp solution, number one, hemp can help every company that chooses to always required to comply with ESG requirements, that's environmental, social and governance requirements to elegantly fulfill those requirements. Number two, hemp can help every company that chooses to or is required to comply with circular economy problems to elegantly handle those problems.

It can particularly helping eliminating plastic, waste plastic pollution

plastic can be replaced with hemp Alternatives. Number 3, Australia's, and many other countries. Greatest security risk is lack of fuel Independence, lack of independent fuel supply hemp can produce unlimited quantities of ethanol from the core of the plant called her This is a true bio fuel ethanol can be used to power most engines with slight modifications. And this ethanol can also be refined to power jet engines. The whole aviation industry number for hemp. Can produce unlimited quantities of biodiesel,

another true biofuel to replace diesel fuel. This fuel will power farm tractors and many large machines.

Number five biofuel from hemp can power existing electricity generating equipment and could be used to replace coal in Australia that everyone's raving about using coal to generate electricity. Well, hemp by a fuel, can be used to generate those existing machines. affordable electricity can be maintained with virtually zero greenhouse gas emissions without having to spend Mega amounts of capital on new infrastructure spending for Renewable Energy Solutions, number 6,

Aren't you excited by this? Hempcrete homes are healthier and more energy, efficient, and more economic than normal homes, and hempcrete homes can be made for totally upmarket buildings, as well as low-cost social housing. Number seven, less wealthy countries, countries on levels one and two of the United Nations for levels of categorizing Nations can transform their Nations. Can transform their economies with hemp by using hemp as an import replacement to replace fuel that is often imported or products that are imported. Each country has different import requirements that can be replaced with hemp Growers. Locally countries can literally lift themselves up by their bootstraps by effectively and economically growing. Major hemp crops number 8, Hemp seed is a wonderful and healthy food source, particularly of protein. You will be healthier if you eat hemp seed and hemp seed oil, put hemp seed oil on every seller that you make, you don't cook with hemp seed, oil number nine, cheap cotton and synthetic textiles are creating massive, waste problems throughout the world. Hemp clothing will solve A problem. Hemp clothing and hemp textiles are better healthier create less waste because people hold on to them and use them for a long time and will therefore reduce textile. Waste problems. Also growing with hemp requires less use of pesticides, herbicides, and chemicals than growing cotton.

I love that cotton is a natural product and organic cotton is a wonderful natural product.

But none organic cotton is less. So of a natural product. Number 10, hemp composite products are being developed to replace timber in many applications including many buildings.

This application of hemp will reduce the need to cut down trees for those places where this is a relevant factor for the environment hemp solution. Number 11, the last one, new jobs will be created.

Requiring new skills for the ongoing transformation of hemp crops into this into the wonderful range of products that can be made from hemp. And this creation of You jobs and new skills will also lift the the economic prospects that GDP. And also the quality of life in countries, there are many more solutions these 11 Solutions alone

Can enable any country to achieve Net, Zero carbon emissions. If it wishes to, although, for the reasons, previously expressed, I'm not so concerned about Net Zero because I say there is no climate emergency, there is no climate crisis, but we have the other emergencies,

I created a mantra for him HP by 4 that's showing on your screen.

Healthy products.

Healthy people, healthy planet, healthy profits, every business needs profits, but the purpose of business is not profits. Profits is the fuel that enables a company or a business to keep progressing to keep operating profits to a company Is Like Oxygen to a human being. It's essential for survival but it's not the purpose for the business. So how do we make all this happen? I say there are five key steps number one, governments, all around the world state and federal.

Must do everything they can to remove any unnecessary impediments to the use of industrial hemp. And the word, unnecessary means really unnecessary, not BS, unnecessary. Even now as I'm speaking to you, the Australian government's pesticides and Veterinary medicines Authority, the apvma

is wrongly attacking the use of hemp as food. Animals it is acting unlawfully contrary to law. I say it's disgraceful and it's all being done in the name of safety.

This is an example of what governments do to block.

Hemp and cannabis, and the wonderful benefits that you and I and the planet can get from it. Again, all in the name of safety, when governments, talk to you about safety, Run for Cover.

Number two. large companies need to educate themselves on the 11 hemp solutions that I've discussed in this show and the information on the websites that I have referred to and then take steps to invest serious funds,

to create the solutions that hemp can provide to solve their problems to help their business activities Bloom, most companies practice greenwashing

They say they're keen on reducing environmental and other harms to our planet and two people, but they do nothing. If it costs them money I call on companies to stop greenwashing, I'm delighted that stock exchanges around the world are now checking up on proclamations. By companies that say they're interested in Net, Zero or minimal, harms, or ESG matters, but actually don't do anything if it's going to cost them a cent. And the three.

Large investment funds, superannuation funds and serious investors. That wish to save our planet from the emergencies that I've referred to need to be willing to put serious money, considerable money into these hemp solutions to convert it from a cottage industry that is unnecessarily blocked by governments and red tape into one of the world's major agricultural and value-adding Freeze, number 4, step.

Local government authorities and most government authorities are risk, averse and are unwilling to do anything new, without incontrovertible proof. Unless of course, there are companies or people with plenty of money who are giving inducements and incitements to politicians to do something new, such authorities, must shift their attitude towards New Solutions and give preference to hemp Solutions. I'll give you one example of that governments should specify hemp textiles for all uniforms for government employees and particularly First Responders First Responders hate synthetic textiles uniforms because after half a day there, perspiration smells on those uniforms. If you wear hemp textiles you Wear clothing for four weeks without washing it. And it won't smell because it's natural antibacterial. Antimicrobial, isn't that amazing? Number five, the last step.

You dear viewers and listeners need to demand hemp products and solutions from large companies from your suppliers are various products, and solutions, and from your retail suppliers,

so that your demand will drive ever increasing investment, and ever-increasing solutions from the all industry, that demand will drive investment it. Will be a mutually supportive, circular economical growth. So there you have it.

Industrial hemp and cannabis can save our planet and it will the only question is how quickly this will happen. I want to see it happen, quickly. It's up to us and there are people watching and listening to the show who work in government, who can play a crucial role in implementing these five steps to use these five hemp Solutions. Let's make it happen again. Please don't hesitate to ask. For any further information or resources, you need arising from the ideas that we've suggested in this show. I'm confident about the importance, the value of industrial hemp. I'm confident that hemp can solve many of the emergencies that face us. I'm confident that hemp can save and we'll save our planet. Then I'm confident that if we speak up enough against government interference that interference to the gasps of hemp will reduce

thanks for watching or listening have a great week full of passion Challenge and the enjoyable exploration of who you are. I look forward to being with you next week. Bye.