



Information letter for those to whom fracking matters and updates on the website FFI

contact: ineke@frackingfreeireland.org

visit: www.frackingfreeireland.org

facebook: [NO FRACKING IRELAND](#)

fracking ireland google groups, apply for membership: charlie2williams@gmail.com

BAN FRACKING IN IRELAND!

For an overview of all groups and contact details visit:
<http://frackingfreeireland.org/contact/contact-local-groups/>

DCTV shooting in the North West

Vimeo: <http://vimeo.com/53026045> Youtube: <http://www.youtube.com/watch?v=rEgnH5hi5as>



Thanks to DCTV, Aubrey and the 'crew' to get the message out and wake up the people in Dublin! Broad casted Tuesday 6th November 2012

This week, we look at the prospect of onshore gas extraction, commonly known as fracking. We speak to people who live in areas in the North West of Ireland earmarked for potential fracking licenses about their concerns with the industry. For updates and more info on The Live Register check out [facebook.com/TheLiveRegister](https://www.facebook.com/TheLiveRegister). Follow and chat to us on Twitter twitter.com/Live_Reg. Thanks to all who contributed!

EVENTS and other small CAMPAIGN news

PRESS RELEASE

Teacher delivers antifracking message to Dail 7. 11. 12

Primary school teacher Cecily Gilligan completed her 133 mile walk to Dublin and crossed the gates of Dail eireann to deliver the voice of people and call for a ban on hydraulic fracturing yesterday Tuesday 6th.

Cecily was joined by a delegation of Love Leitrim members. Her proud 84 year old mother Angela Gilligan from Sligo also came to support her. Cecily who originates from a farming family in Collooney now teaches in the Leitrim area.

The delegation was met by local and national Tds and senators, Michael Comiskey, Michael Colreavy, John Perry and Tony McLoughlin, while national politicians Richard Boyd Barret and Joan collins also came out in a show of cross party solidarity.

Michael Colreavy reiterated this sentiment saying
'This issue is too serious , it goes above party politics'

Cecily who was keen to meet with key decision makers of the process was facilitated by Michael Comiskey and John Perry to meet with Fergus O Dowd Minister of state at the department of Communications, energy and Natural resources. She took the opportunity to present the petition she has gathered on route, statements of people compiled, and artwork from Leitrim schoolchildren.

Cecily called on the minister to call for a ban on fracking.
She also took the opportunity to highlight up to date recent research by chief medical officer Eilish Cleary in New brunswick, Canada which raises serious public health concerns on fracking and the importance of this in any commissioned research to Ireland.

END



Michael Gallagher, singer Eleanor Shanley ,actors Sorcha fox and Donal O Kelly with Cecily Gilligan in a wheelbarrow to take the weight off her feet. Cecily walked 133 miles and had a

welcoming reception at the ha'penny bridge in Dublin, Sunday 4th.



Local Tds and senators. Senator Michael Comiskey, Michael Colreavy,love Leitrim member Eddie Mitchell, Angela Gilligan, john perry td, Toby McLoughlin, td with Cecily Gilligan in the Dail Tuesday 6th nov.



Joan Collins td People before profit was one of the national representatives that came out to show her support.



133 miles done for the antifracking cause. Cecily arriving into ha 'penny bridge. Sunday 4th nov.

Irish Environment

Just to let you know that we have published the November 2012 (38th) issue of *irish environment*. There was a delay because of the loss of power in New York City from Hurricane Sandy. The November issue includes:

News: updated each Monday, Wednesday, and Friday

Commentary: Will Steffen, Johan Rockström, Robert Costanza, "How Defining Planetary Boundaries Can Transform Our Approach to Growth"

Report: The European Commission's Three Studies on Fracking: On Risks, Climate Impacts, and Market Possibilities

Podcast: Interview with Alex Attwood, MLA, Environment Minister for Northern Ireland on recent initiatives, Special Areas of Conservation, independent environment agency, planning reforms, climate change, and fracking in Northern Ireland

iePEDIA: Planetary Boundaries

YouTube: Ensuring the Voices of Minorities in the Community Planning Process in Northern Ireland

Please pass along this Notice about the magazine to colleagues, friends and others interested in protecting the environment.

an online magazine covering environmental matters on the island of Ireland

www.irishenvironment.com

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WHAT YOU CAN /MUST DO

Dear all,

On Monday, 12th November 2012 , I will be sending a **package** to each of our MEPs ahead of the plenary session of the European Parliament scheduled for November 19 -22.

During this session, the MEPs will be asked to vote on two recent reports related to hydraulic fracturing (the ENVI and ITRE reports). Friends of the Earth Europe has issued recommendations for voting on these reports, which I will include in the package.

The letter that I will send them (see attached) makes very clear that what we in Ireland are calling for is a ban on fracking. To give the MEPS an indication of the strength of public sentiment in Ireland in favour of such a ban, I will enclose the texts of the three petitions that we are currently circulating, and I will inform the MEPs of the number of signatures collected to date on each petition.

To reinforce the message, I will follow this letter with an email, in which I will provide links to pdf files containing all the actual signatures on the petitions (scanned documents), as well as a link to a recent video that features the issue of fracking in Ireland (here is the link to the video: Vimeo: <http://vimeo.com/53026045> Youtube: <http://www.youtube.com/watch?v=rEgnH5hi5as> (this info will be also as an end note in the hard copy letter)

If possible, I would like to send the package collectively, in the names of all campaigners and groups who support its content. Please let me know if I can add your name (and county) and/or that of your organisation.

I will be posting the packages in hard copy form on Monday, November 12. **If you would like for your name or your organisation's name to be added to the list** at the bottom of the letter, **please let me know by email by noon on Sunday, November 11** at the latest.

Thank you,

Ineke Scholte

I wish to thank Sarah who wrote a draft for me that was very useful. I have chosen to inform the MEP's just on the position of the FoE Europe, add their recommendations, **but I feel that I am not in the position to give any advise to follow their voting recommendations. I feel I cannot speak/advise on behalf of the campaign** and I leave it to your own discretion if you wish to sent a letter to the MEP's re. the ENVI and ETRI reports and whether or not to go ahead with the voting advice of the Friends of the Earth Europe.

Please feel free to fw. this email.

If you have comments/queries, please do contact me

thanks, ineke contact: ineke@frackingfreeireland.org
ENVI report (Sonic) <http://www.europarl.europa.eu/sides/getDoc.do?>

[type=REPORT&mode=XML&reference=A7-2012-283&language=EN](http://www.europarl.europa.eu/sides/getDoc.do?type=REPORT&mode=XML&reference=A7-2012-283&language=EN)

ETRI report (Tzavela) <http://www.europarl.europa.eu/sides/getDoc.do?type=REPORT&mode=XML&reference=A7-2012-284&language=EN>

ps: You can of course send your own letter to the MEP's

REPUBLIC OF IRELAND MEPS

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LETTER TO MEP'S (ALL IRISH MEP'S)

Dear [MEP's name],

We, campaigners for a ban on hydraulic fracturing ("fracking") in Ireland, are writing to you in advance of the upcoming plenary session of the European Parliament,

Our view is that unconventional shale gas extraction, specifically by means of hydraulic fracturing, is so inherently polluting and dangerous that, even with the best regulation, the long-term risks to human and animal health and to the environment outweigh any short-term economic benefits.^[i]

We are therefore calling on the Irish government to ban hydraulic fracturing and all related processes for onshore exploration and exploitation of shale gas reserves. As an indication of the strength of public opinion in Ireland in favour of a ban on fracking, please see the attached documents related to the petitions that we are circulating.^[ii]

However, even if Ireland bans fracking, Ireland is still at risk from the fracking that will likely occur across the border in Northern Ireland. We therefore support calls from our fellow citizens in all parts of Europe for a comprehensive ban throughout Europe on hydraulic fracturing and all other processes related to unconventional shale gas extraction.

In the upcoming plenary session, there is unfortunately no fracking ban proposed for you to vote for. The best that is being proposed for now is improved regulation.

The Friends of the Earth Europe issued recommendations with regard to the votes to be held on Wednesday the 21st of November with regard to the ENVI and ITRE reports, respectively dealing with the environmental impacts and the industrial and energy aspects of shale gas. Please find attached the FOE recommendations, and please vote accordingly if you agree that they offer the best protection possible at the moment against the risks posed by hydraulic fracturing. (ENVI a YES vote and the ETRI a NO vote)

Overall we ask you to vote in support of any future measures that may come before you to ban the practice of hydraulic fracturing throughout Europe.

Sincerely,

[Names of individual campaigners and organisations]

Attachments:

1. Voting recommendations with regard to the ENVI and ITRE reports
2. Petition documents (text of: go petition online, hard copy and the AVAAZ petition)

end notes:

[i] Vimeo: <http://vimeo.com/53026045>

Youtube: <http://www.youtube.com/watch?v=rEgnH5hi5as>

The Vimeo version is better quality

[ii] To date we have collected signatures on the hard copies, Signatures on the AVAAZ online petition and signatures on the online ban fracking petitions. (HAS TO BE COUNTED)

- a link to the scanned petitions in pdf file (HAS TO BE DONE DURING THE WEKEND)

VOTING RECOMMENDATIONS RELATED TO THE ENVI AND THE ITRE REPORTS (by Friends of the Earth Europe and Food and Water Europe)

The following are the recommendations from Friends of the Earth (and Food and water Europe) for the votes related to the ENVI and ITRE reports. We urge you to support the highest possible environmental standards for fracking in Europe:

- I Please support the amendment to the ENVI report asking for a moratorium on the use of the hydraulic fracturing technique. The text of the amendment reads as follows:

“On the basis of the precautionary principle and on the principle that preventive action should be taken, taking into account the risks and the negative climate, environmental and health impacts involved in hydraulic fracturing and the gaps identified in the EU regulatory regime for shale gas activities, urges Member

States not to authorise any new hydraulic fracturing operations in the EU”.

- I Please support keeping the two reports separated: Merging them would mix two radically conflicting views, would send a highly confusing message to the other EU institutions and Member States and would seriously water down the essential gains of the ENVI report, voted and unanimously accepted by the ENVI Committee.
- I Please support the ENVI report in its current form, notably given its clear call to Member states to respect and implement current EU environmental legislation; its call to the European Commission to take new legislative measures (review of existing legislation to close gaps and launch of new specific legislation); its recognition of the main environment, climate and health impacts of shale gas activities; and its recognition of the importance of specific measures (baseline water monitoring data, environmental impact assessment, polluter-pays principle, full disclosure of chemicals, green completion, public information and participation).
- Ø These points should not be watered down through the split vote process, especially as they were approved by every group in the compromise amendments.
- I Please reject the ITRE report, specifically given its unacceptable rhetoric about how shale gas could be a transition fuel that would contribute to achieve EU climate objectives (complete decarbonisation of the energy sector by 2050), notably thanks to the unproven

and questionable CCS technologies; its overly-optimistic approach regarding the alleged economic benefits of the development of the shale gas industry in Europe; and its obvious green washing (support of the obscure chemicals-free fracking fluid).

If large-scale unconventional gas operations are allowed to go ahead in an unregulated way, this industry will repeat the same mistakes as in the US, with the same dramatic impacts for the climate, the environment and public health. It is therefore of the essence that these recommendations receive sufficient support.

Thank you.

THE TEXT OF THE GO- PETITION ONLINE (over 6000 signatures)

Online petition can be signed:

Republic of Ireland - <http://www.gopetition.com/petitions/ban-hydraulic-fracturing-for-natural-gas-in-ireland/sign.html>

Northern Ireland - <http://www.gopetition.com/petitions/northern-ireland-no-fracking-required-here/sign.html>

The TEXT OF THE HARDCOPY

Petition to Ban Hydraulic Fracturing for Shale Gas in Ireland

<http://frackingfreeireland.org/info-to-download/flyers/> (copy the text, print, sign and post to Ineke, for address please do contact)

We the undersigned call on the Irish government to place an immediate and permanent ban on the process known as Hydraulic Fracturing ('Fracking') and all related preparatory and exploratory work in the Republic of Ireland.

This horizontal drilling process involves the pumping of millions of gallons of water, mixed with hundreds of highly toxic chemicals, thousands of feet deep into the ground.

Already in the U.S.A and Australia, pollution caused by this process to land, to air, to surface water and to groundwater has resulted in a terrible health toll and catastrophic environmental damage. Countless cases of death have been reported among wildlife and livestock. A litany of serious 'fracking' related health problems for people in communities in areas where this technology has been used have also come to light.

Because of this damning body of evidence, which includes academic reports (1), moratoria on 'fracking' have been put in place in the state of New York, in the state of New Jersey, in the North Rhine Westphalia (Germany), in South Africa and in France.

The U.S. Environmental Protection Agency has only recently begun an investigation into the safety of the process. Their final report is not expected until 2014. At present in Ireland there is no regulation in existence that covers this extraction method, and there has been no research published into the potential consequences of such activity here.

Presently, a number of oil and gas companies who have already been granted exploratory licences, are preparing to use this process to profit from shale gas in the Lough Allen and Clare Basin Regions - an area which includes twelve counties (2).

If this is allowed the aftermath may be an irreversible disaster for us and our environment. It may result in the contamination of our water table, and of Ireland's most extensive and important river and lake network. We will not allow the safety of our water and the health of our children to be put at risk in return for temporary jobs and a quick-fix and unsustainable energy project.

The text of the AVAAZ PETITION (10.870 signatures)

http://www.avaaz.org/en/petition/Ban_Fracking_Ireland/?tta

Why this is important

Wherever hydraulic fracturing for shale gas is practiced there are cases of groundwater contamination, soil and air pollution, sickness, disease, and death in humans, wildlife, and

livestock.

Exploration licences have been granted to companies which intend to use Hydraulic Fracturing (fracking) to extract shale gas if given the go ahead to proceed further.

Two licences cover large areas of the North West and South West of Ireland – namely Leitrim, Roscommon Sligo, Cavan, Monaghan and Donegal. Fermanagh is also included in the project however that, of course, is licensed under a different jurisdiction.

A third licence covers an area including Clare, Limerick, Kerry and Cork. These areas contain some of the most pristine and, beautiful natural environments in the world. The initial project area is also a UNESCO geo park and is unique in the world.

Pat Rabbitte TD has the power to stop this process from going ahead. Please let him know that the world will not accept anything less than a ban on hydraulic fracturing in Ireland and sign our petition.

We believe Ireland holds a special place in the hearts of people around the world please help us prevent the destruction of this beautiful island.

FURTHER INFORMATION:

The companies involved in the north west are Tamboran resources Ld, and Lough Allen Natural Gas Co and. In the South West the company involved is Eneji Oil.

The following link gives a brief explanation/ presentation of the process involved
<http://www.dangersoffracking.com/>

MINISTER'S CONTACT DETAILS:

Please feel free to contact the Minister, urging him to stop this process from going ahead.

Pat Rabbitte TD, Minister for Communications, Energy & Natural Resources
Constituency Office 01 678 2011,
Constituency Office 01 618 3772,
Department Office 01 678 2000,
Department Office 01 678 9807,
Email Address: minister.rabbitte@dcenr.gov.ie

Ban Fracking Ireland



MAKE-YOU-HAPPY-NEWS

Colorado votes to ban fracking

One of the most exciting victories from election night was in Longmont, Colorado, where voters passed an historic and precedent-setting ballot initiative to ban fracking. We were up against incredible odds in Longmont, with the oil and gas industry spending over half-a-million dollars for TV commercials, full-page ads and multiple mailers to try to scare Longmont citizens. Governor Hickenlooper sued the citizens of Longmont to slow down our efforts, and the *Denver Post* editorialized against this vote to ban fracking, **but we were on the ground, knocking on doors, talking to voters and doing the hard work to support a citizen-led effort to protect our health, safety and property, and the citizens of Longmont still spoke loud and clear. We won with 60% of the vote!**

Wenonah Hauter
Executive Director
Food & Water Watch
act(at)fwwatch(dot)org

MOVIES- SONGS

DCTV shooting in the North West

Here are some links to the video of Tuesday's episode on fracking:



half hour video shot in studio and on location in Ireland, featuring interviews galore

Vimeo: <http://vimeo.com/53026045>

Youtube: <http://www.youtube.com/watch?v=rEgnH5hi5as>

The Vimeo version is better quality but requires faster internet.

IRISH NEWS

Ireland's split picture on shale gas development -

<http://www.naturalgaseurope.com/irelands-split-picture-on-shale-gas-development>

suspicious job advert - community Liaison Officer - West of Ireland

<http://www.activelink.ie/content/vacancies/community/10743>

EU -NEWS

UK



Roger Helmer MEP (East Midlands) was an invited speaker to the Repeal the Climate Act conference near Cambridge 2011 <http://www.youtube.com/watch?v=1lgpjyR0aek>

Climate Scare is Over

Below a blog post from ITRE MEP Roger Helmer. He doesn't make any explicit mention of fracking, but he did discuss renewable energy and nuclear.

"On Monday evening, I flew to Dublin as the EFD member in a delegation of the parliament's Industry & Energy committee. We were going to Ireland ahead of that country's up-coming six-month Presidency of the EU, commencing in January.

We had meetings with Sustainable Energy Ireland; the Industrial Development Authority; IBEC (the employers' federation); the Google HQ; the "Digital Hub" project. And with two government ministers: Richard Bruton, Minister for Jobs, and the agreeably-named Energy Minister Pat Rabbitte. Amusingly, several members of the delegation peeled off during the second day of the two-day visit, and by the time we got to Minister Rabbitte, there only remained an Irish MEP, a Spanish MEP, and myself. So I had the opportunity to present, in rather robust terms, a counter-consensual view on the EU's renewables policies. I was heard with courtesy, if not with total agreement.

I took the opportunity to raise the issue of nuclear power. The Energy Minister replied that Ireland, for its part, rejected nuclear power, but he seemed to imply that during his presidency he would keep an open mind on nuclear in Europe."

<http://rogerhelmermep.wordpress.com/2012/11/05/a-busy-couple-of-weeks/>

Corporate Europe Observatory Press Release

Shale gas industry joins forces with Poland to fight EU-wide regulation

Brussels, 7 November 2012 - Oil and gas companies from the United States and across Europe have launched an all-out campaign to prevent EU-wide rules for the developing shale gas industry, according to a new report from Corporate Europe Observatory [1]. MEPs are expected to vote on whether the EU should introduce new regulations later this month.

The fierce battle has included intensive lobbying in the European Parliament and Commission, industry-funded reports, advertisements and websites, designed to show that shale gas does not pose a threat to the environment or to public health, and to promote the fiction that it is a green source of fuel.

But the report warns that the development of shale gas threatens the development of renewable energy – and risks locking the European Union into a fossil fuel future.

Report author, Laura Weis, said:

“Big players from the oil and gas industry are trying to brand shale gas as a climate friendly source of fuel, and have been wining and dining MEPs to persuade them of its advantages. They have invested millions of euros in lobbying in Brussels in an attempt to mislead policy makers and fight off much needed regulation to protect the environment and public health.”

The report finds that oil companies including ExxonMobil, Chevron, Statoil, Total and Poland’s PGNiG are working with professional lobby firms to organise events in the Parliament to make the case for shale gas. They have been backed by Polish MEPs and the Polish government, which used the EU Presidency in 2011 in order to push its shale gas agenda.

Wide ranging health and environmental concerns linked to shale gas development do not get a look in at these events.

Fracking (or hydraulic fracturing) for shale gas is already underway in a number of EU member states. The first wells drilled in Poland in 2009, but moratoria on fracking have been imposed in a number of other member states, including France and Bulgaria. The European Parliament’s Environment Committee and DG Environment have both recommended tighter legislation – but DG Energy argues it is not required.

The European Commission is currently assessing the need for shale gas regulation and is expected to come up with a proposal in 2013.

ENDS

Contact:

Belen Balanya, Corporate Europe Observatory, tel [+ 31 633 090 386](tel:+31633090386) or email media@corporateeurope.org

Notes:

[1] Foot on the gas, lobbyists push for unregulated shale gas, Corporate Europe Observatory, November 2012. See: http://corporateeurope.org/sites/default/files/publications/Article_Shale%20Gas%20Lobby_final.pdf

CORPORATE EUROPE OBSERVATORY
EXPOSING THE POWER OF CORPORATE LOBBYING IN THE EU

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Foot on the gas - lobbyists push for unregulated shale gas

NOVEMBER 7, 2012 - 11:12 | CLIMATE AND ENERGY

Oil and gas companies from the United States and across Europe are targeting Brussels in an all-out campaign to prevent EU-wide rules for the developing shale gas industry. No legislation has been proposed, but there has already been intensive lobbying in the European Parliament and

[RIO+20](#)
[CLIMATE AND ENERGY](#)
 Foot on the gas - lobbyists push for unregulated shale gas
 Climate bombs called HFCs
 Climate sceptics launch Citizens Initiative to suspend EU climate targets - who's paying?
 Caught Red-handed: IETA and the Commission
 Nuclear contamination - a year after Fukushima, why does Brussels still back nuclear power?
[More on Climate and Energy](#)

Received from a campaigner

This is an excellent resource, I use it for keeping tabs on the (so-called) European Food Safety Authority (who inform our own FSAI's food policy, including on GMO's and aspartame) but I'm seeing more and more on fracking and gas/oil;

<http://corporateeurope.org/publications/foot-gas-lobbyists-push-unregulated-shale-gas>

So what they can do, we can do. See the topic: what you can/must do.

Also: P.S. Also, fracking is a safe water issue as well;

<http://www.foodandwaterwatch.org/pressreleases/longmont-makes-history-as-first-colorado-city-to-ban-fracking/>

and

<http://www.foodandwaterwatch.org/water/fracking/>

GLOBAL NEWS

Received from Jessica (with thanks!)

best post, ever!

<http://www.ernstversusencana.ca/yoko-ono-sean-lennon-put-anti-fracking-message-on-new-york-billboard>

"Fracking for gas is inherently dirty and dangerous," Lennon adds. "Cement and pipes at these great depths are simply not reliable, as the industry's own documents show. Cracks and leaks will inevitably poison wells and aquifers. Rural communities will be turned into industrial brownfields. **No amount of regulation can make fracking safe.**" [comment: imagine sean lennon talking like an gas migration expert ! bachu and watson, move aside!]

In September 2004, within a fortnight of the beginning of gas testing, a coal bed methane well north of Newcastle, NSW, was shut down as several boreholes up to 300m away began to blow off methane gas. This was the first reported case of a serious migration of methane gas from coal bed methane operations in New South Wales. [comment: many thanks, to the canadian researcher who sent this]

<http://www.ernstversusencana.ca/coal-bed-methane-hazards-in-new-south-wales>

Below, funny, article suddenly jumps into suntanning and meats. perhaps this green frac fluid tans you safely and cooks organic supper while you frac.

Fluid offers green options to oil and gas

BY DAVID PARKER, FOR THE CALGARY HERALD NOVEMBER 8, 2012

The founders of a Calgary-based company are tackling problems that may be caused by hazardous chemicals to the environment and helping the crews that have to handle them by replacing the toxic kinds with a safe, bio-degradable chemical alternative.

Fluid Energy Group is as 'green' as its logo, prominently displayed throughout its new downtown headquarters across from the Keynote towers on 11th Avenue S.E.

President and chief operating officer Darren Thatcher, with 20 years' experience **in the pumping service industry with the use of cementing, acidizing and fracturing fluids, is certainly well aware of the dangers chemicals could cause in the oil and gas industry.**

Three years ago he became aware of a product by a U.S. inventor that was successfully being used in the industrial and commercial cleaning businesses. After much discussion, he secured the worldwide manufacturing and distribution rights for the oil and gas industry.

Dealing direct with the Florida-based producer, in little more than one year in business, Fluid has completed **rigorous testing of the product for use by the energy sector with the United States Environmental Protection Agency and is currently undergoing similar testing to obtain approvals to manufacture it in Canada.**

The product is non-regulated, making it easy and economical to handle and transport by rail or truck and the finished product, shipped from Florida in tanks, is stored here in Fluid's new warehouse in the Foothills Industrial area. This facility will also be used to manufacture product here, with the intent to create a market with the Canadian energy sector.

Thatcher says his Enviro-Syn water-based products will replace hydrochloric acid and caustic soda that can do harm to skin and eyes, but **with the same ability to dissolve scale that builds up in production tubing and any other pipe through which water flows.**

The potential is huge and Fluid has already made in-roads into Western Canada. where **it has already seen some 4,000 cubic meters pumped downhole.**

Fluid opened a Luxembourg office and has entered negotiation to serve the Middle East markets with Saudi Aramco, which is conducting late-stage qualification lab trials with Enviro-Syn.

Fluid chairman and CEO Clay Purdy has three years of experience working on drilling projects in Saudi Arabia during which time he developed key industry relationships.

He says the Saudis have a keen focus on the environment and the safety of their workers as many have a lack of understanding of the dangers hazardous chemicals can cause.

Fluid is also in conversation with industry in Australia, which has tight environmental regulations and is discussing hazardous problems with the oil and gas sector in North Africa.

Next steps are to **set up the manufacturing plant in Calgary** and others in Saudi Arabia, and then align globally through joint venture agency agreements and/or direct investment with key partners and suppliers worldwide.

The product has also been proved as a de-scaling agent in water treatment plants, which should be beneficial for municipal governments - the U.S. navy sees the value, using it to clean

scale from piping on its ships.

With all of the media attention about the concerns of sun tanning, both in salons and on the beach, I was interested to hear of Luara Downing and her Sundrops Studio, a spray tanning company.

It opened its doors here in 2004 and has served more than 7,000 clients who have opted for a healthy, professionally applied tan.

Downing travels to Hollywood to train leading makeup artists at major television studios and her reputation has led the head of the makeup department at CBS studios to recommend her proprietary tanning application techniques and products.

She is now offering her Sundrops spray tanning as a franchise opportunity in North America.

Second To None Meats has opened a second store in Willow Park Village. A partnership with Canadian Rocky Mountain Resorts, it complements the Mission store on 4th Street S.W. with a new shop featuring the same quality cuts of naturally raise Alberta beef, pasture raised pork, free range and free run organic poultry and deli products from its own smokehouse.

DAVID PARKER APPEARS TUESDAY, THURSDAY AND FRIDAY. READ HIS COLUMNS ONLINE AT CALGARYHERALD.COM/BUSINESS. HE CAN BE REACHED AT 403-830-4622 OR E-MAIL INFO@DAVIDPARKER.CA

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Read more:

<http://www.calgaryherald.com/Fluid+offers+green+options/7516085/story.html#ixzz2BgI3wju>
f

Fracking Along the Colorado River: A Report From a Kayak

http://www.huffingtonpost.com/zachary-podmore/colorado-fracking_b_2069209.html

Financial Times, November 7, 2012 7:41 pm

Europe's fears over US energy gap

By Gerrit Wiesmann in Berlin

Europe's ability to compete against the US as a manufacturing centre is being damaged by rising energy costs as North America benefits from [cheap natural shale gas](#), Germany's biggest companies have warned.

The energy cost advantage for US companies is rising and is expected to persist until at least 2020, according to [the BDI, the German industry lobby group](#).

German industrial companies such as [Bayer](#) and [BASF](#) are among the those alarmed over the gap.

Some executives fear a growing divide between European and US energy costs could see energy-intensive manufacturers divert investments that might have gone into Europe to the US instead.

Harald Schwager, the member of BASF's executive board responsible for Europe, told the Financial Times: "We Europeans are currently paying up to four or five times more for natural gas than the Americans...Of course that means increased competition for all the European manufacturing sites."

[BASE](#), the German chemicals company, recently converted its steam-cracker in

Texas to run on shale gas and says its production complex in Louisiana – where it is building a formic acid plant – is very competitive.

Marijn Dekkers, the chief executive of [Bayer](#), the German drugs and plastics maker, also told the Financial Times: "Energy costs in Europe and Germany in particular will continue to rise. That will have an effect on the competitiveness of several sectors."

In a report to be published in coming days, the BDI forecast US natural gas prices would remain at €16 per megawatt hour (MWh) until 2020 – some 40 per cent less than the last peak, around €25 in 2008.

In contrast, German gas prices will rise from €48 per MWh to €61, an increase of 27 per cent by the end of the decade.

Compounding German industry's fears is chancellor Angela Merkel's plan to [phase out nuclear power by 2022](#) and replace it with renewable energy sources, which companies say could drive a bigger transatlantic divergence in electricity prices.

The BDI's projection, put together by BCG, the consultancy, says electricity prices for German industrial users will rise from €90 per kWh today to €98 or even €110 in 2020. US prices are expected to rise only from €48 to €54 in the same period.

"Europe's politicians should be careful not to make already pricy energy even pricier by levying new taxes or surcharges," Mr Schwager said in reference to the German renewable-energy surcharge from which big industry is excluded for now.

The BDI blames [costly long-term gas contracts](#) and a lack of US gas exports for Europe's energy woes.

REPORTS - RESEARCH

important new paper by dr tony ingraffea, sorry i am so late posting and sending out. easy to read, quick, and deadly, especially if your water is frac'd.
<http://www.ernstversusencana.ca/anthony-ingraffea-fluid-migration-mechanisms-due-to-faulty-well-design-and-or-construction>

Received from Jan (Czech Republic)
please find enclosed the PwC report. It can be also viewed here:
<http://www.pwc.co.uk/sustainability-climate-change/publications/low-carbon-economy-index.jhtml>

The claim is that "replacing 10% of global oil and coal consumption with gas could deliver a savings of around 1 Gt CO₂e per year, or 3% of global emissions."

While it is certainly good that PwC is interested in the issue, as usual the view is too narrow and doesn't consider the full cycle and impact of fracking. The externalities simply fell out of the equation and as we know they do matter. Investing in efficiency measures and alternatives to carbon is the way to go, although saying it will be challenging is a metaunderstatement.