

## Clare McMullan

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**From:** [REDACTED]@eventuremedia.co.uk>  
**Sent:** 05 November 2014 13:15  
**To:** Paul Younger  
**Subject:** Fracking Sustainably - 13 November

Dear Paul

As someone who is involved or has shown interest in this topic , I would like to update you on our next Rushlight Energy Briefing which takes place on **Thursday 13 November** and is entitled **Fracking Sustainably**. It is kindly being hosted by Bird & Bird, 15 Fetter Lane, London EC4A 1JP.

Our autumn events schedule is presented at the foot of this email and is designed to be of broad appeal, including the Rushlight Awards, Rushlight Show and events on renewable energy storage and IP. All our events can be eligible for CPD points for a range of different professions and institutes and certificates of attendance can be provided after the event upon request.

We have brought together an exceptional panel of speakers for this seemingly emotive topic, including representatives from the Environment Agency, the industry, the analytical science community and the US. This will be a lively discussion, with so much coverage of this area in the media, but quite often with limited real understanding.

Energy security and affordability concerns have made the pursuit of shale gas an imperative for UK politicians. Some well-publicised poor practices in the US have caused an emotional response against fracking in the UK. However, our last event looked at the real environmental impact of shale gas fracking and it was concluded that the real risks that exist with fracking are all capable of being properly regulated, monitored and managed.

If we set aside for now the key facts that shale gas is a fossil fuel and therefore cannot be converted into usable energy sustainably without some form of CCS or alternative process, and any kind of mining or extraction cannot be truly sustainable, we can then focus on the extraction process itself and ascertain how this can be done sustainably. There are a number of key environmental issues that need to be considered:

1. Increased traffic associated with the drilling and extraction in the locality during the temporary facility operation.
2. Seismic effect of fracking
3. Waste water management
4. Release of gases and other toxins into the water table
5. Methane and other greenhouse gas emissions from the drilling into the atmosphere
6. Surface environmental impact

Innovate UK (the former Technology Strategy Board) is currently running a competition to provide financial support for Developing Technologies for Safe and Responsible Exploitation of Shale Gas. The UK has a rigorous set of regulations to help to preserve and protect the environment from the adverse effects of industrial processes. There is a coordinated effort to ensure that shale gas fracking can be undertaken sustainably.

This event will look at the whole process and seek to focus on the key issues which require careful management, contractual clarity, specific regulation and effective communication if stakeholders are to have the confidence that shale gas can be exploited responsibly and for the overall benefit of the local community and the UK as a whole.

This event will be ideal for developers, consultants, advisers, investors and financiers, those in the oil and gas supply chain, technology developers, media and other sector followers.

### Agenda

5.30pm Registration

6.00pm Welcome – [REDACTED] Bird & Bird

6.10pm Introduction – [REDACTED] Rushlight Events  
6.15pm UK Shale Gas reserves and their geology – [REDACTED] Carboniferous  
6.40pm Lessons to be learnt from the US – [REDACTED] Exponent International Ltd  
7.00pm The industry perspective – [REDACTED] IGas Energy  
7.20pm Panel discussion and Q&A, augmented by  
[REDACTED], [REDACTED] – Onshore Oil & Gas Programme, Environment Agency  
[REDACTED] Ecofin Ltd, Non-Exec Director Lonestar Resources Inc  
[REDACTED] Fonte Capital and Advisory Board Member, Geomec  
8.00pm Networking, drinks and eats  
9.00pm Close

For more information about the event please click [HERE](#) and to register click [HERE](#).

**Autumn schedule at a glance** (see [www.rushlightevents.com](http://www.rushlightevents.com) for details):

Sept	Rushlight Awards are open for entries
13 Nov	Energy Briefing: Fracking Sustainably - at Bird & Bird, London
18 Nov	Investor Briefing - Renewable Energy Storage Today- at Ingenious Clean Energy, London
2 Dec	SIG IP Webinar - What Investors are looking for and avoiding the pitfalls - with [REDACTED]
31 Dec	Rushlight Awards close
29 Jan 2015	Rushlight Show and Rushlight Awards Party

Best wishes

[REDACTED]

[REDACTED]

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