**TECHNICAL WORKSHOP ON PUBLIC HEALTH IMPACTS AND RISKS RESULTING FROM HYDROCARBONS EXPLORATION AND PRODUCTION**

8th November 2016, 09.30 – 17.00, Brussels

The meeting will take place at MCE Conference centre, room Europe b, Rue de l'Aqueduc 118, 1050 Brussels, Belgium.


Agenda (DRAFT)

<table>
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<tr>
<th>9.00</th>
<th>Welcome coffee</th>
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<td>9.30</td>
<td>1) <strong>Introduction by the European Commission</strong> (Christian Wimmer, Directorate General for Environment, European Commission)</td>
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| 9.40  | 2) **Knowns and unknowns: Lessons learnt from North America on public health impacts and risks resulting from unconventional hydrocarbons extraction**  
   - Bernard D. Goldstein, University of Pittsburgh Schools of the Health Sciences, USA  
   - Madelon L Finkel, Office of Global Health Education, Weill Cornell Medicine, USA  
   - Sara Rasmussen, Johns Hopkins Bloomberg School of Public Health, USA |
| 11.15 | Coffee break |
| 11.30 | 3) **Public health impacts and risks from conventional / unconventional hydrocarbon extraction: commonalities and differences**  
   - Expert from Lower Saxony, Germany (tbc) |
| 12.30 | Lunch break |
| 13.30 | 4) **Health impact assessments (HIA) prior to permitting hydrocarbons extraction: practices in Member States**  
   - HIA practices in England: key public health related aspects examined prior to granting permits for oil and gas extraction and main challenges identified (if any), Robie Kamanyire, Public Health England  
   - Latest developments on HIA in the oil and gas industry: Francesca Viliani, Head of Public Health Consulting Services and Community Health Programs at ISOS, on behalf of the oil and gas industry federations IPIECA-IOGP |
### 14.30 5) Existing initiatives at EU level

- European Human Biomonitoring Initiative (EHBMI): Presentation by T. Karjalainen, Directorate-General for Research, European Commission
- Information Platform on Chemicals Monitoring (IPCheM): Presentation by S. Kephalopoulos, Joint Research Center Institute for Health and Consumer Protection (JRC IHCP), European Commission
- Recent initiatives in the field of workers' health protection and possible links with public health: Presentation by M. Heppleston, Directorate-General for Employment, European Commission

### 15.25 Coffee break

### 15.40

#### 6) Epidemiological studies and biomonitoring applied to the hydrocarbons sector

*what are the key technical parameters to be considered for meaningful case studies: size of the samples; duration; geographical scope etc."

- Panel discussion with
  - Bernard D. Goldstein, University of Pittsburgh Schools of the Health Sciences
  - Madelon L Finkel, Office of Global Health Education, Weill Cornell Medicine
  - Sara Rasmussen, Johns Hopkins Bloomberg School of Public Health
  - Expert from Lower Saxony, Germany (tbc) and Public Health England
  - Francesca Viliani, ISOS
  - JRC IHCP

- Discussion with the audience

### 16.55 7) Wrap up - Concluding remarks by the European Commission on identified information/research needs (if any) at EU level (Christian Wimmer, DG ENV)