

GEmeinnütziges Netzwerk für UmweltKranke e.V.



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Nachrichtlich an:

Bundesgesundheitsminister Gröhe
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Offener Brief zum Fracking-Gesetzesentwurf und zu mangelnder Vorsorge im Gesundheitsschutz

Sehr geehrte Frau Ministerin Hendricks,

nachdem wir als „Gemeinnütziges Netzwerk für Umweltkranke“, GENUK e.V., maßgeblich zur Aufdeckung der erschreckenden Verdoppelung der Lymphdrüsenkrebs-Rate bei Männern in der Samtgemeinde Bothel¹, in einem Kerngebiet der niedersächsischen Erdgasförderung beigetragen haben, sind wir über einige Ihrer öffentlichen Äußerungen zum Fracking-Gesetzesentwurf äußerst befremdet. Auf die Frage einer WAZ-Journalistin „Warum verbietet man eine so riskante Technik nicht einfach?“ lautete Ihre Antwort: „Es gibt so was wie eine Wissenschafts- und Gewerbefreiheit. Wir können nicht alles verbieten, was potenziell gefährlich ist, dann müssten wir ja auch das Autofahren verbieten“. Am 23.03.2015 wiederholen Sie dieses Argument (Morgenmagazin) und fügten hinzu: "Wenn wir jede abstrakte Gefährdung grundsätzlich vollständig verbieten würden, würden wir nicht vor dem Bundesverfassungsgericht durchkommen"

Die Frage muss in diesem Kontext erlaubt sein, ob unter „Gewerbefreiheit“ zu verstehen ist, dass die Wirtschaft, von der Kontrolle des Staates unbehelligt, hochtoxische Gefahrstoffe emittieren darf, die die Gesundheit der Menschen und unsere Umwelt nachhaltig und irreversibel schädigen? Ebenso sei die Frage erlaubt, warum diese Vorhaben der Wirtschaft noch mit Steuergeldern für „Forschungszwecke“ öffentlich unterstützt werden. Da auch neuere Gutachten (Zittel für Energy Watchgroup, 2015²) von einer wirtschaftlichen Ausbeutung der offenbar doch geringen Vorkommen in Deutschland abraten, fragt man sich doch, in welchem Verhältnis der Nutzen zu den enormen und langfristigen Belastungen für Umwelt und Gesundheit steht.

In dem vorliegenden Fracking-Gesetzesentwurf (BMUB WR I 2 – 21111/8 Stand: 19.03.2015) wird die Gesundheit einzig **an 2 Stellen** und nur beiläufig erwähnt (S. 2, S. 35). Auf Seite 35 heißt es: „Hiernach sind Gefahren für die

¹ „Auswertung des EKN zur Häufigkeit von Krebsneuerkrankungen in der Samtgemeinde Bothel“, Registerstelle des EKN Oldenburg, September 2012

² „Fracking – eine Zwischenbilanz“, Dr. Werner Zittel, 2015, siehe www.energywatchgroup.org

menschliche Gesundheit zu vermeiden“. Mehr als eine unspezifische, somit auslegbare und unkonkrete Bedeutung misst dieser Gesetzentwurf der Gesundheit der Bevölkerung in Deutschland nicht zu. Dabei dürfte Ihnen die verfassungsrechtliche Anfechtbarkeit derartiger Ansichten doch bekannt sein (siehe das „Apotheken-Urteil“ von 1958³, wo mit der „Volks Gesundheit“ als überragend wichtigem Gemeinschaftsgut argumentiert wird). Ein grundsätzliches „Frackingverbot“ wäre nämlich voraussichtlich und unter Abwägung der Verhältnismäßigkeit ein gerechtfertigter Eingriff in die „Gewerbefreiheit“ (Art. 12 Abs. 1 GG), da die „körperliche Unversehrtheit“ (Art. 2 Abs. 2 GG) und der Schutz der natürlichen Lebensgrundlagen (Art. 20 a GG) einen höherwertigen Verfassungsrang einnehmen, als das Recht der Unternehmen, in missbräuchlicher Inanspruchnahme der Gewerbefreiheit ihren Geschäften nachzugehen.

Auch möchten wir Ihnen angesichts der Bedrohung durch die Folgen der Atomwirtschaft und ihres Menetekels „Asse“ und angesichts der furchtbaren Szenarien im Kontext des Klimawandels weitere Fragen stellen:

- welche Berechtigung hätte noch ein Umweltministerium, wenn es die Gewerbefreiheit höher stellen würde als den Schutz der Umwelt und aller in ihr lebenden Organismen – darunter auch des „Schutzgutes Mensch“ – vor struktureller und konkreter Verletzung durch Noxen inklusive Strahlen?
- Welche Berechtigung hätte noch ein „Bundesinstitut für Risikobewertung“, hätten sämtliche mühsam errungenen Umweltschutzgesetze, wenn wir Bürger, wie Sie suggerieren, durch gewerblich betriebene Produktion, Energiewirtschaft, Abfallbeseitigung u.v.m. nur noch völlig zu vernachlässigende Risiken zu erwarten hätten?
- Warum werden die europaweit gültigen Vorgaben der „Aarhus Konvention“ (der Deutschland beigetreten ist)⁴ – darunter SUP, UVP, bedingungslose und frühestmögliche Herstellung von öffentlicher Transparenz – im Rahmen dieses vorliegenden Gesetzentwurfs nicht berücksichtigt?
- Stellen Sie die gesamte mühsam erworbene Umweltschutzgesetzgebung in Frage, nur damit die Förderindustrie ihren Geschäften nachgehen kann? Überwiegende Teile der Bevölkerung lehnen ohnehin diese Hochrisikotechnologie Fracking zutiefst ab, bei der nicht einmal deren wirtschaftliche Berechtigung nach Auswertung aller Erkenntnisse erkennbar ist.

Mit welcher Berechtigung soll dieser ohnehin nur geringe zu erwartende Beitrag zur Deckung des deutschen Energiebedarfs zu einer Niederbringung von 48.000 Bohrungen bis 2050 (UBA Gutachten, Teil 2⁵) mit unabsehbaren Folgen für Gewässer-, Gesundheits- und Naturschutz führen?

Statt gemeinsam mit dem Gesundheitsministerium eine gesetzliche Verbesserung des Schutzes vor Schädigung, beispielsweise durch die unzähligen toxischen Gefahrenpotenziale in der konventionellen und besonders der unkonventionellen Öl- und Gasförderung anzustreben, erklärten Sie zudem noch über den Radiosender NDR-Info: „Ich kann doch Fracking nicht verbieten. Ich weiß doch gar nicht, ob es gesundheitsschädlich ist!“ Gestatten Sie uns dann bitte, nach dem Umkehrschluss zu fragen: Würden Sie, sehr geehrte Frau Ministerin, denn Fracking verbieten, wenn sich ausreichende wissenschaftlich fundierte Nachweise für die Gesundheitsschädlichkeit von Fracking finden?

Worin könnte denn unter anderem eine medizinische Grundlage für ein potenzielles Verbot bestehen? Dafür ist eine Prüfung der international gültigen wissenschaftlichen Nachweislage hilfreich. Um diese Prüfung zu erleichtern, haben wir uns erlaubt, Ihnen einen Teil der umfangreichen wissenschaftlichen Literatur im Anhang zur Kenntnis zu bringen. Daraus wird sich Ihnen überdeutlich erschließen, warum im US-Bundesstaat New York aus einem Fracking-Moratorium ein Fracking-Verbot geworden ist.

Im Folgenden fordern wir die Anerkennung bereits erbrachter wissenschaftlicher Nachweise über die Unkalkulierbarkeit und Gefährlichkeit der Fracking-Technologie:

Es ist bereits wissenschaftlich erwiesen, dass

- die Fracking-Technologie sowie die Praxis der Lagerstättenwasser-Verpressung **Erdbeben** auslösen kann – in den USA bis zu 5,7 auf der Richterskala⁶, im Raum Rotenburg/Wümme bis 4,5⁷. Im holländischen Groningen rechnet sogar das örtliche Förderunternehmen nach 196 kleinen mit einem gefährlichen Erdbeben⁸.

³ BVerfGE 7, 377 - Apotheken-Urteil

⁴ <http://www.aarhus-konvention.de/umsetzung-in-deutschland.html>

⁵ UBA, Umweltauswirkungen von Fracking bei der Aufsuchung und Gewinnung von Erdgas insbesondere aus Schiefergaslagerstätten, Teil 2, 2014

⁶ <http://concernedhealthny.org/compendium/>, siehe auch Liste wiss. Literatur/Hinweise im Anhang unter: **Earthquakes and seismic activity**

⁷ <http://www.rotenburger-rundschau.de/rrarchiv/lokales/rotenburg-wuemme/exxon-und-co-wollen-messen-und-viele-daten-fuer-sich-behalten-von-roland-meyer-55142.html> und <http://www.zdf.de/ZDFmediathek/beitrag/video/1710862/Riskante-Gasf%C3%B6rderung-in-Deutschland#/beitrag/video/1710862/Riskante-Gasfoerderung-in-Deutschland>

⁸ <http://www.welt.de/wirtschaft/article138375930/Warum-Gazprom-von-Erdbeben-in-Holland-profitiert.html>

- Bohrungen und deren angeblich abdichtende **Ummantelungen nicht dauerhaft dicht** bleiben können (diese sind bis zu 6% von Anfang an nicht dicht und mit zunehmendem Alter steigt der Anteil an. Bereits nach 15 Jahren sind bis zu 50% der Ummantelungen undicht!). Die umfangreiche Literatur lässt Zweifel aufkommen, ob eine dauerhafte Dichtigkeit bzw. Bohrlochintegrität überhaupt möglich ist.⁹
- **große Mengen an Methan** – kurzfristig bis zu 100fach und langfristig 25fach schädlicher auf die Atmosphäre wirkend als CO₂ – über Gas- und Ölfeldern gemessen wurden, womit auch diese Art der fossilen Rohstoff-Förderung zum „Klimakiller“ erklärt werden muss!¹⁰
- es in Bezug auf **Gewässerschutz** keine sichere Möglichkeit gibt vorauszusagen, **welche Wegsamkeiten** sich einmal in die Tiefe gepresste und aus ihr hochsteigende hochtoxische Chemie bahnt (Vertikalrisse, Kapillarwirkungen u.a., siehe auch Versalzung hessischer Felder im Kontext der Kalisalz-Verpressungspraxis auf 400 m Tiefe, siehe auch Gutachten HLUg, Juli 2014)¹¹. Im Gegenteil mussten in Pennsylvania nach Intervention eines Auditors 234 Verunreinigungen von Trinkwasserbrunnen in Fracking-Gebieten von den Behörden bestätigt werden¹²
- an Frackingbohrstellen **hohe Mengen an krebserregenden Stoffen (u.a. PAKs) in die Atemluft** ausgetreten sind. Im Rahmen einer Studie der Universität Albany¹³ gemessene Benzolwerte rangierten von 35-fachen bis zu 777.000-fachen Überschreitungen des zulässigen Grenzwertes! In Arkansas enthielten 7 Luftproben 60mal höhere Mengen an Formaldehyd, als der Level, der als krebserregend gilt.¹⁴ In Deutschland liegen bestätigte Messungen überhöhter Emissionen von Quecksilber und Benzol (bzw. PAKs wie BTXE) in Rotenburg/Wümme vor. In Salzwedel, Sachsen-Anhalt, wurden extreme Belastungen der damaligen Mitarbeiter/Anwohner der Gasförderung dokumentiert.¹⁵
- **Radioaktivität** (Radon, Radium 222, 226, 228, Blei-210 u.a.) in den USA bis zu 3.600 mal höher ausgetreten ist, als der maximale durch die EPA zugelassene Grenzwert in Trinkwasser zulässt. Eine ähnliche Zusammensetzung radioaktiver Strahlung ist bereits in Europas ehemals zweitgrößter Gasförderregion, in Salzwedel/Altmark gemessen worden.¹⁶
- **Gesundheitsschäden** im Hinblick auf Atemwegserkrankungen, Haut- und Schleimhautreizungen, Unfruchtbarkeit, Fehlgeburten, Kindersterblichkeit, Geburtsschäden, niedriges Geburtsgewicht, neurologische Störungen, Krebs, mehr Krankenhausaufenthalte, höhere Notfall- und Todesraten u.v.m. in den USA besonders im Umkreis von bis zu 16 km von einer Bohrstelle erhöht nachgewiesen wurden, mit steigender Tendenz, je näher der Wohnort der Betroffenen zu den Förderplätzen und anderen Emissionsstellen der Fracking-Öl- und Gasförderung liegen.¹⁷
- in der Samtgemeinde Bothel im Landkreis Rotenburg/Wümme, mit ca. 20 konventionellen Gasförderbohrungen, die schon länger produzieren, eine bisher **ungeklärte Verdoppelung von Non Hodgkin-Lymphomen/Multiplem Myelomen** bei Männern existiert, eine Kombination von Krebsarten, die im Zusammenhang mit toxischen bzw. Strahlen-Expositionen häufig genannt werden.¹⁸

Erschreckt sind wir darüber, wie nach Bekanntwerden dieser EKN-Auswertung mit der dramatischen Lymphomrate in Bothel auch von Seiten der Bundesregierung scheinbar nahtlos zur Tagesordnung übergegangen wurde.

Nach dieser eindeutig festgestellten Signifikanz stellt dieses Nicht-Verhalten der Bundespolitik aber nicht nur einen allgemeinen ethisch-moralischen Verstoß dar. Auch im Sinne einer grundgesetzlich dem Bürger verpflichteten Politik ist dies von den Betroffenen bereits als deutlicher Verlust der Verantwortlichkeit gegenüber der Wahrung des Menschenrechts auf körperliche Unversehrtheit verstanden worden! Denn wie auch immer man es betrachten mag: eine derartig auffällige Häufung genau dieser Kombination aus Non

⁹ <http://concernedhealthny.org/compendium/>, Liste wiss. Literatur/Hinweise im Anhang unter dem Abschnitt: **Inherent engineering problems that worsen with time**

¹⁰ <http://concernedhealthny.org/compendium/>, Liste wiss. Literatur/Hinweise im Anhang unter den Abschnitten: **Water Contamination, Air Pollution** sowie **PSE Database Appendix 2014**

¹¹ <http://www.fnp.de/rhein-main/K-S-will-auch-nach-2015-Abwasser-im-Boden-Verpressen;art1491,1283365>

¹² <http://concernedhealthny.org/compendium/>, Liste wiss. Literatur/Hinweise im Anhang unter dem Abschnitt: **Water Contamination**

¹³ Macey, G.P., Breech, R., Chernaik, M., Cox, C., Larson, D., Thomas, D., Carpenter, D.O. (2014). Air concentrations of volatile compounds near oil and gas production: a community-based exploratory study. *Environmental Health*, 13(82). doi: 10.1186/1476-069X-13-82

¹⁴ <http://concernedhealthny.org/compendium/>, Liste wiss. Literatur/Hinweise im Anhang unter den Abschnitten: **Occupational health and safety hazards, Water Contamination** und **Air Pollution**

¹⁵ Siehe auch Hermann Bubke, „Studie zur Kontamination von Arbeitnehmern mit Quecksilber bei der Erdgasförderung in der Altmark“, Berlin, September 2010

¹⁶ <http://concernedhealthny.org/compendium/>, Liste wiss. Literatur/Hinweise im Anhang unter dem Abschnitt: **Radioactive releases**

¹⁷ <http://concernedhealthny.org/compendium/>, Liste wiss. Literatur/Hinweise im Anhang unter den Abschnitten: **Occupational health and safety hazards, Public Health Effects Measured Directly, PSE Database Appendix 2014** sowie <http://concernedhealthny.org/category/documentation/peer-reviewed/>

¹⁸ Siehe Fußnote 1

Hodgkin-Lymphom und Multiplem Myelom entsteht nicht ohne Einfluss von Umweltnoxen (einer im Übrigen sehr übersichtlichen Anzahl, im Wesentlichen: Radioaktivität, Benzol, Dioxin, bestimmte Pestizide u.a.).

Wenn es auch schwierig ist, eine vollständige Kausalkette von den Verursachern und deren Emittenten bis zur individuellen Erkrankung nachzuweisen, dürfte eins klar sein: ein "Weiter so!" mit Unbedenklichkeitsbescheinigung auch in der konventionellen Gasförderung kann nicht mehr möglich sein. Eine ernsthafte Bezugnahme auf die Zusicherung der „körperlichen Unversehrtheit“ (Art. 2 Abs. 2 GG) hierzu erfordert eine klare Definition umfassender Gesundheitsschutz-, Gesundheitsüberwachungs- und Gesundheitssicherungs-Maßnahmen. Dazu gehören auch konstante Umweltmonitoring-Maßnahmen (Boden, Oberflächen- und Grundwasser, Luft in Bodennähe, Kopfhöhe sowie verschiedene Höhenbereichen - erste Ergebnisse partieller Bodenmessungen sind in Niedersachsen erst in 2019 zu erwarten!) sowie epidemiologische und umweltmedizinische Überwachungsmaßnahmen (u.a. Human-Biomonitoring), aber auch begleitende Gesundheitsstudien u.v.m., wozu es derzeit unverständlicherweise noch keinerlei Ansatz gibt.

Seit den „Grenzen des Wachstums“ des Club of Rome von 1972 ist weltweit eine heftige Debatte um die Endlichkeit unserer physiologischen Belastbarkeit und der unserer Mitwelten entbrannt. Wir unterliegen alle denselben Naturgesetzmäßigkeiten und die zeigen uns überdeutlich die „Grenzen des Überlebens“ auf. Seitdem kämpfen weltweit Menschen um den Schutz bzw. um die Wiederherstellung ihrer durch Chemikalien und Strahlen angegriffenen Gesundheit, soweit sie denn überleben konnten. Die unzähligen Stimmen dieser Opfer sind bisher weitgehend ungehört und unberücksichtigt verhallt. In Deutschland wurde die besondere Qualität des Leidens der Umweltkranken zwar festgestellt (u.a. MCS-Studie, Robert Koch Institut, 2000), was aber bisher nicht zu ihrer sozialrechtlichen Anerkennung als „durch schädliche Umwelteinflüsse krank gemachte“ geführt hat.

Dies alles erfordert in der Konsequenz eine tiefgreifende Veränderung in der staatlichen Umsetzung des Vorsorgeprinzips¹⁹ wie auch einer Fülle weiterer Maßnahmen.

Die jahrzehntelange Vernachlässigung dieser Überwachungs- und Regulationsaufgaben zu Sicherstellung der Gesundheit der Bevölkerung hat zu einer Auftürmung eines beträchtlichen Regelungsbedarfs geführt. Wir nehmen diese bisher ungeklärte Gefahrenlage in den Kernzonen der Gasförderung in Niedersachsen zum Anlass, um die Bildung einer interministeriellen Arbeitsgruppe zwischen dem Bundesumwelt-, dem Bundesgesundheits- und dem Bundeswirtschaftsministerium vorzuschlagen - analog zur Zusammenarbeit der drei niedersächsischen Ministerien.

Hier nur ein exemplarischer Auszug aus der Liste längst überfälliger Maßnahmen:

- Vornahme einer realistischen und langfristigen Gefahrenabschätzung für Umwelt, Klima, Gesundheit durch die konventionelle sowie unkonventionelle Gas- und Ölförderung aufgrund der umfangreichen wissenschaftlichen Faktenlage
- Einrichtung einer Meldestelle zwecks Sammlung und Aufarbeitung von Daten zur Gesundheitsbelastung inklusive Neubewertung von Versäumnissen in der Chemikalien- und Strahlenüberwachung
- Einrichtung von Ad-Hoc-Gruppen in Bund und Ländern zur Feststellung der konkreten gesundheitlichen Gefahrenlage (Bewertung des krankmachenden Potenzials der bisher bekannten o.g. 135.000 Altlasten, Beseitigungs- und zukünftige Verhinderungsstrategien etc.)
- Personelle Aufstockung in Landes- und örtlichen Gesundheitsämtern mit Fokus auf dem Gesundheitsschutz statt wie bisher eher "Gesundheitsverwaltung"
- Auflage von Forschungsprogrammen zur Feststellung der Auswirkungen von Chemikalien und Strahlen auf die Entwicklung und Chronifizierung von Volkskrankheiten wie Krebs, Neurodegeneration, Herz-Kreislauf-Krankheiten (siehe Feinstaub/Lärm u.a.) sowie die stark ansteigende Zahl der Autoimmunkrankheiten, Allergien, Immunschwächen, „Environmental Illnesses/Diseases“ bzw. Umweltkrankheiten, sowie der zunehmenden Anzahl von chronisch Erkrankten im letzten Lebensdrittel (siehe WHO-Programm HALE)²⁰ unter Hinzuziehung der internationalen wissenschaftlichen Literatur

¹⁹ Mitteilung der Kommission, „Die Anwendbarkeit des Vorsorgeprinzips“, 2000:... „Bei dieser Prüfung sind der allgemeine Grundsatz und die Rechtsprechung des Gerichtshofes zu berücksichtigen, wonach der Gesundheitsschutz wirtschaftlichen Erwägungen vorgeht.“

²⁰ (früher Disability- jetzt) Health-Adjusted Life Expectancy (DALE, jetzt HALE), <http://www.who.int/trade/glossary/story036/en/>

- Tatsächliche Einhaltung aller bisherigen Standards zum Schutz von Umwelt und Gesundheit, (beispielsweise Pflanzenschutzmittelgesetz §1, 3.²¹, Chemikaliengesetz: Wiedereinführung und Strafbarkeit der Nicht-Meldung von chemisch bedingten Verletzungen, ehemals in §16 enthalten)
- Zwingende Vorlage eines nachhaltigen, umwelt- und gesundheitsverträglichen Abfallkonzepts bei allen zu genehmigenden Industrievorhaben. Unterirdische Verpressung wie oberflächliche Klärung der hochtoxischen wie radioaktiven Elemente des Lagerstättenwassers sind keineswegs sicher.
- Aktive Förderung des Bewusstseins über die Dimension von Gesundheitsschädigungen durch Chemikalien/Strahlung durch die Bundespolitik in allen medizinischen, juristischen, sozialen Institutionen sowie der damit assoziierten Erkrankungen und ihrer Erforschung (siehe Resolution der World Medical Association, Vancouver 2010)²²
- Ausbau der Versorgung der Patienten mit "Klinischer Umweltmedizin", die die Aufwertung echter umweltmedizinischer Qualifikation gegenüber der „politikberatenden Umweltmedizin“ einschließt
- Integration der „Klinischen Umweltmedizin“ in das GKV-System. Patienten können und sollten nicht die gesamte finanzielle Last der medizinischen Kosten einer durch Umwelttoxinen erworbenen Erkrankung tragen
- Besetzung der „Umweltambulanzen“ sowie des Medizinstudium-Pflichtfachs „Umweltmedizin“ mit ausgebildeten Fachkräften der „Klinischen Umweltmedizin“
- Entwicklung von diagnostischen Methoden, um die Ursache von durch Chemikalien- bzw. Strahleneinwirkung verursachten Erkrankungen, im Einzelfall zu finden und zu therapieren
- Reaktivierung, Aktualisierung und Ausweitung von APUG, „Aktionsprogramm Umwelt und Gesundheit“²³
- Berechnung der volkswirtschaftlichen Schäden an Natur, Landwirtschaft, Mensch und Tier durch kaum mehr bezifferbaren Schäden an Gesundheit und Umwelt (siehe UNEP, 2013, „Costs of Inaction of the Sound Management of Chemicals“²⁴)
- Entwicklung von Struktur- und Finanzierungsmodellen für die umweltmedizinische Therapie unter Berücksichtigung potenzieller umfangreicher Einsparungen durch den zu erwartenden Rückgang von Kosten bei chronischen Krankheiten und bei den sog. „Non Communicable Diseases“²⁵.
- Berechnung der potenziellen Einsparungen im Gesundheitswesen durch Einbeziehung des Faktors „Umwelttoxine als Krankheitsauslöser“ in die bisher ausschließlich auf „Lifestyle“-bezogenen Präventions- und Therapieansätze
- Schaffung von Anreizen zur Entwicklung einer umwelt- und gesundheitsverträglichen Energiegewinnung

Darüber hinaus fordern wir die Einleitung historisch überfälliger Gesetzesregelungen als Anerkennung der tatsächlichen Auswirkungen von Chemikalien und Strahlung:

- Beweislastumkehr auch in Bezug auf Gesundheitsschädigung (siehe japanische Gesetzgebung nach Minimata 1984) sowie einer Entschädigungsregelung durch die verursachende Industrie
- Gesetzlich bindende Einführung der auf aktuellem wissenschaftlichen Erkenntnisstand zu definierenden „Gesundheitsverträglichkeitsprüfung“, GVP – nicht nur in Sachsen-Anhalt
- Reform des Gutachterwesens zur Gewährleistung der Unabhängigkeit der Gutachter und zur Verbesserung eines Qualitätsstandards, der sich am Stand der Wissenschaft orientiert
- medizinisch und rechtlich relevante Anerkennung der durch toxische/subtoxische, niedrighschwellige und synergistisch-wirkenden Belastungen verursachten Erkrankungen (MCS, EHS u.v.m.)
- Einrichtung von Schutzzonen und Schutzzräumen für Menschen mit erworbener Chemikalien- und Elektromagnetischer Sensibilität (MCS, EHS, u.a.)
- Maßnahmen der Judikative zur Einführung eines Straftatbestands i.S. „Verletzungen durch Umwelttoxine“ in das Strafgesetzbuch, bzw. konsequente Strafverfolgung der diesbezüglichen Straftatbestände wie z.B. §223 StGB „Körperverletzung“²⁶, §340 „Körperverletzung im Amt“²⁷

²¹ Pflanzenschutzmittelgesetz §1, 3.: „Gefahren, die durch die Anwendung von Pflanzenschutzmitteln oder durch andere Maßnahmen des Pflanzenschutzes, insbesondere für die Gesundheit von Mensch und Tier und für den Naturhaushalt, entstehen können, abzuwenden.“

²² „WMA Statement on Environmental Degradation and Sound Management of Chemicals“, Adopted by the WMA General Assembly, Vancouver, Canada, October 2010, http://www.wma.net/en/30publications/10policies/e17/Environmental_Degradation-Oct2010.pdf

²³ <http://www.apug.de/>

²⁴ UNEP, 2013, http://www.unep.org/chemicalsandwaste/Portals/9/Mainstreaming/CostOfInaction/Report_Cost_of_Inaction_Feb2013.pdf

²⁵ Non Communicable Diseases, <http://www.who.int/mediacentre/factsheets/fs355/en/>

²⁶ StGB §223, 1. „Wer eine andere Person körperlich misshandelt oder an der Gesundheit schädigt, wird mit Freiheitsstrafe bis zu fünf Jahren oder mit Geldstrafe bestraft.“ 2. „Der Versuch ist strafbar.“

²⁷ StGB §340, 1. „Ein Amtsträger, der während der Ausübung seines Dienstes oder in Beziehung auf seinen Dienst eine Körperverletzung begeht oder begehen lässt, wird mit Freiheitsstrafe von drei Monaten bis zu fünf Jahren bestraft.“ 2. „Der Versuch ist strafbar.“

- umgehende Ratifizierung des Minamata-Abkommens²⁸ zur drastischen Quecksilber-Reduktion (Beitritt Deutschlands zum Abkommen am 10.10.2013), Initiative zur Erweiterung des Abkommens auf Quecksilberemissionen aus der Öl- und Gasförderung bzw. – bisher nur Kohleförderung benannt – auf alle fossilen Energieträger. Einbeziehung von Amalgam und Thiomersal in Impfstoffen in die Verbotsliste
- Grenzwerte-Anpassung an strengere Emissionsvorgaben beispielsweise aus USA und China
- Neubewertung der krankmachenden Wirkungen von Substanzen in sehr niedrigen Konzentrationen (EDCs²⁹, in vielen der chemischen Bestandteile der Fracfluids vorkommen³⁰ u.a.)
- Entwicklung konkreter Präventionsansätze, Primär- wie Sekundärprävention zu Gefahren durch Noxen
- Einbeziehung der Gefahren durch Umweltschadstoffe und –Strahlen in den aktuellen Gesetzentwurf zur Prävention (BMG 2015)
- Aktive Verbesserung und Weiterentwicklung der EU-Gesetzgebung (REACH, Siebtes Umweltaktionsprogramm (UAP) bis 2020, Wiederaufnahme von EPHIA³¹ („on hold“ seit 2004) u.a.m.)

Wegen der bereits hinreichend nachgewiesenen großen gesundheitlichen Gefährdungspotentiale der Kohlenwasserstoff-Förderung unter Einsatz des sogenannten „Fracking-Verfahrens“, mit der flächenhaften Aufbrechung der Untergrundschichten ganzer Landstriche, fordern wir von Ihnen, diese Förderungsart in unserem eng besiedelten Deutschland zu verbieten, anstatt sie gesetzlich zuzulassen. Zugleich sind die Vorgaben für die konventionelle Förderung zum Schutz der Gesundheit der Bevölkerung wesentlich zu verschärfen. Die bisher völlig vernachlässigte notwendige Berücksichtigung genügend großer Sicherheitsabstände zwischen Siedlungen und Förder- und/oder Aufbereitungsplätzen ist umgehend zu ändern.

Bei uns in Europa gilt aus gutem Grund der Besorgnisgrundsatz. Bei hinreichend begründeten Verdachtsmomenten ist der Gesetzgeber aufgerufen, vorsorgend durch Gesetze und Verordnungen dafür Sorge zu tragen, dass die Gesundheitsgefährdung der Bevölkerung vermieden wird.

Sehr geehrte Frau Umweltministerin, aus unserer Sicht gibt es nur eine verantwortungsvolle Handlungsoption: verbieten Sie das „Fracking-Verfahren“ rechtssicher.

Beschleunigen Sie das Ende der fossilen Energiewirtschaft und legen Sie den Schwerpunkt auf eine nachhaltige, zukunftsweisende und gesunde Energieförderung.

Mit freundlichen Grüßen

Kathrin Otte

Anhang wissenschaftlicher Referenzen und Indikationen aus den USA im Kontext Öl- und Gasförderung:

Themenbezogene Hinweise und wissenschaftliche US-Studien zu vielfältigen Gefährdungen, Materialschäden, Belastungen, Vergiftungen, Gesundheitsschäden, Wasser- und Luftkontaminationen durch Fracking:

COMPENDIUM OF SCIENTIFIC, MEDICAL, AND MEDIA FINDINGS DEMONSTRATING RISKS AND HARMS OF FRACKING (UNCONVENTIONAL GAS AND OIL EXTRACTION), „Concerned Health Professionals of New York“ ,2nd edition, December 11, 2014

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