FINANCIAL TIMES

Letter: EU must include nuclear power in its list of sustainable sources

From James E Hansen and others

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Dear European Council of Ministers,

Nuclear power is the single biggest source of low carbon electricity in Europe today and is recognised in many of the scenarios assessed by the **Intergovernmental Panel on Climate Change** [GIEC], the **International Energy Agency** [IEA] and other organizations as having a critical role to play in responding to the climate emergency (Brussels Briefing, FT.com, December 16).

It is therefore vital that nuclear is included in the EU's **new classification system for environmentally sustainable activities,** which is being negotiated in Brussels. The "**taxonomy**" is supposed to provide clear definitions to fund managers and investors about which products are environmentally sustainable and which are not. For this initiative to serve its purpose of increasing the financial capital flowing to sustainable activities, financiers must have confidence that the definition of a sustainable activity is developed with rigour, robustness and in an objective way.

But **progress** is being **blocked by** several countries, including **Germany**, which claim nuclear should be excluded because of their concerns about nuclear waste [ce n'est pas pour les nuclear wastes que A. Merkel a fait stopper définitivement en quelques mois 8 réacteurs atomiques en 2011 mais pour le danger d'accident]. This is in spite of clear evidence [? ...] that nuclear waste does not and will not cause harm to sustainability objectives. Nuclear energy displaces fossil fuel use, with significant air pollution and climate benefits. Without nuclear, there will be 500m tonnes of extra CO2 emissions every year in Europe, which is more than the emissions of UK or France alone. Without nuclear, our action on climate will be more difficult, more expensive, and more likely to fail. The real harm done will be to Europe's ambition to achieve net zero by 2050.

James E Hansen, Climate scientist and former director of Nasa's Goddard Institute for Space Studies
où il a reçu le CEA Jean Jouzel deux ans dans les années 1880; était aussi Prof à la Columbia où enseignait aussi Laurence Tubiana en descendant d'avion; a aussi publié (à 76 ans) avec la CEA Valérie Masson-Delmotte.

Hans Blix Former director-general, International Atomic Energy Agency (1981-1997), and former Swedish foreign minister
Gazette nucléaire n°283, là :
« Le secrétaire de l'AIEA, Hans Blix qui s'était rendu le 7 mai 1986 à Tchernobyl à l'invitation des Soviétiques, déclarait avec un indécent cynisme: «*Tchernobyl n'a pas causé plus de morts que le match de football de Heysel, il y a un an*»., ""Le 16 janvier 1987, Moscou, dépêche de l'AFP): «(...) *La zone située entre 10 et 30 km autour de la centrale pourra commencer à être repeuplée de ses habitants cette année, a indiqué dans une conférence de presse M. Hans Blix, directeur général de l'AIEA, qui vient de passer une semaine en Ukraine avec deux de ses adjoints, MM. Morris Rosen et Léonard Konstantinov*.»

Martin Rees, House of Lords, London SW1, UK Bryony Worthington House of Lords, London SW1, UK
professeur de cosmologie (big bang)

John Belgrove, Senior Partner, Aon Kirsty Gogan, *Energy for Humanity*
professionnel du placement, chez Barclays, Aon…, gère les Pension funds.

François-Marie Bréon Climate scientist and lead author for the Intergovernmental Panel on Climate Change's fifth assessment report
GIEC mais surtout CEA qui avec son collègue CEA Jean Poitou, Secrétaire de "*Sauvons le climat*", passent beaucoup de temps à « casser » du « climat-sceptique ».

Ken Caldeira, Climate scientist, Department of Global Ecology, Carnegie Institution for Science, Stanford University, CA, US

Ancien du gros labo atomique militaire *Lawrence Livermore National Laboratory*, passé dans les sommités du GIEC via la Carnegie Institution, annonce la fin des espèces à cause du CO2, a déjà appelé a construire du nucléaire, en masse, nouveaux types de réacteurs, retraitement… en 2013 avec James Hansen (là, copie là)

Daniel Mosley, House of Lords, London SW1, UK

ingénieur nucléaire, consultant pour les grosses firmes nucléaires (là)

John Krebs, Department of Zoology, University of Oxford, UK

(retraité) parti dans le conseil politique, recommande la voiture électrique, dans *The Guardian* évidemment (là).

Tim Stone, Former board member of the European Investment Bank (2003-2018) [

BEIRD comme Attali

Jeffrey S Merrifield, Former commissioner, US Nuclear Regulatory Commission (1998-2007)

l' « ASN » des USA

Brice LaLonde, Former French environment minister and climate ambassador

qui fut animateur des *Amis de la Terre*, avant *Génération écologie*, puis CA de WWF et gros business onusien (*Global compact* avec des Jancovici, gens d'Areva, de Total...)

José Gabriel González, Singer/songwriter

Eric Ingersoll, Energy Options Network, US

co-fondateur de Terra Parxis, "*He has extensive project and policy experience in renewables, energy storage, oil & gas, and nuclear, with a special emphasis on advanced nuclear technologies.*" (ici).

Michael Liebreich, Liebreich Associates, UK

founder and senior contributor to Bloomberg New Energy Finance

Jacopo Buongiorno Massachusetts Institute of Technology, US

Tokyo Electric Power Company (TEPCO) Professor in Nuclear Engineering, Director, Center for Advanced Nuclear Energy System (CANES), Director, Science and Technology, Nuclear Reactor Laboratory, travail pour DoE (equivalent notre CEA) au Idaho National Laboratory (là).

Joseph Lassiter, Harvard Business School (retired), US

«*Joe's academic and professional work focused on the creation of high-potential ventures --both as new companies and within existing companies-- and the efforts of their managers to turn these ventures into high-performance businesses.* »; «*Joseph Lassiter has high hopes for "new nuclear" technology, which he believes can meet the world's urgent demand for power.*»

Robert Stone, Filmmaker and director [

groupe *economodernists*, auteur de *Pandora's Promise*, 2013, qui présente le nucléaire comme sans danger et propre, co-fondateur de *Energy for humanity*

Bon...je vous laisse continuer...

Daniel Aegerter, Chair, Armada Investment Group, Switzerland

Nick Spencer, Gordian Advice, UK

Janne Gustafsson, Ilmarinen Pension Mutual Insurance Company, Finland

Gilles Babinet, Representative of France in the EU Digital Champions group

Atte Harjanne, Member of the Parliament of Finland

Mark Yelland, Greens for Nuclear, UK

Staffan Qvist, Author, "A Bright Future"

Simon Friederich, Groningen university and co-founder of German *Ecomodernists*

Amardeo Sarma, Co-founder German *Ecomodernists*

Tea Tormanen, Chair of Finnish *Ecomodernists*

Take Aanstoot, Founder and Chair, Swedish *Ecomodernist* Society

Adam Blazowski, FOTA4Climate, Poland

Pavel Gajda, Institute of Sustainable Energy, Poland

Marc Deffrennes, weCARE
ancien ingénieur belge de Westinghouse, postes à l'Europe, professeur de nucléaire, etc. (là)

Valerie Faudon, Nuclear 4 Climate
Salariée de la SFEN, Société Française d'Énergie Nucléaire, le cœur du lobby (là)

Myrto Tripathi, Voix du Nucléaire, France
ancienne responsable en charge de la vente du réacteur nucléaire EPR (là)

Eric Maucort, *Sauvons le Climat*, France
association créé par le CEA

Paul Bossens, 100TWh, Belgium

Iida Ruishalme, Mothers for Nuclear

Rauli Partanen, Think Atom, Finland

Barbro Walker, Professor of childhood education, University of Applied Sciences, Berlin, Germany

Jenifer Baxter, Institution of Mechanical Engineers, UK

Simon Taylor, Judge Business School, University of Cambridge, UK

Anton van der Merwe, Professor of molecular immunology, University of Oxford, UK

T Ben Britton, Imperial College London, UK

Armond Cohen, Clean Air Task Force, US

Josh Freed, Third Way, US

Todd Moss, Energy for Growth

Ted Nordhaus, Breakthrough Institute, US

Tracey Durning, Energy Options Network, US

Suzanne Hobbs, Baker Fastest Path to Zero Initiative, University of Michigan, US

Jessica Lovering, Carnegie Mellon University, US

Eric Meyer, Generation Atomic (US)

Ben Heard, Bright New World, (Australia)

https://www.ft.com/content/0b9ea00a-2004-11ea-b8a1-584213ee7b2b

https://www.lucidcatalyst.com/post/eu-must-include-nuclear-power-in-its-list-of-sustainable-sources