Nuclear colonization of the Baltic Sea Region by the global military industry where Sweden is a key player.

Swedish Parliament Decision Declared Illegal.
Citizen Group to take action through Courts in affected countries

Ditta Rietuma, general secretary BSR ECRR, BSRRW.org

info@bsrrw.org, bsr@euradcom.org





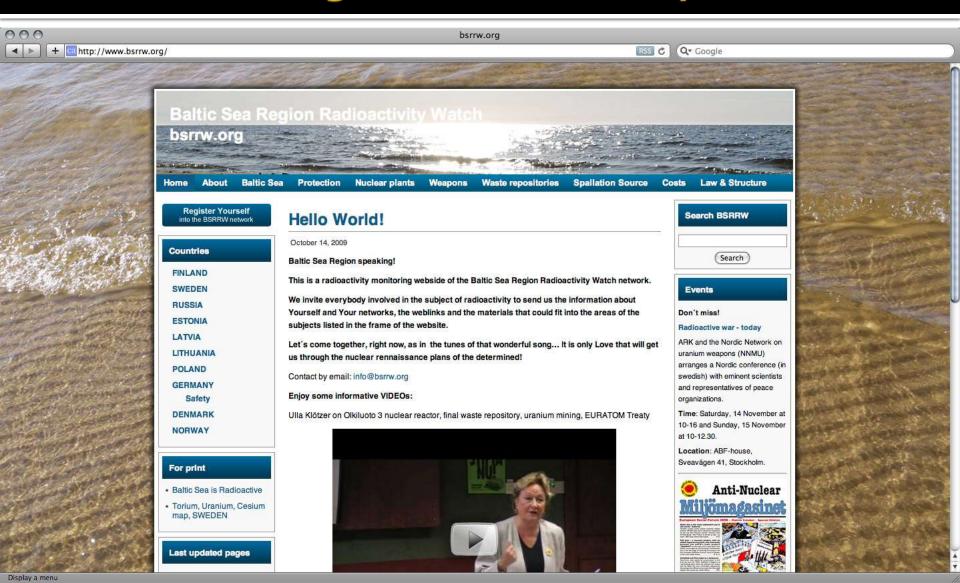
Stockholm Baltic Sea Tour Press Release – Swedish Parliament Decision Declared Illegal.

Citizen Group to take action through Courts in affected countries 10-08-2010

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www.bsrrw.org

Baltic Sea Region Radioactivity Watch



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"TOWARDS A BALTIC SEA UNAFFECTED BY HAZARDOUS SUBSTANCES -

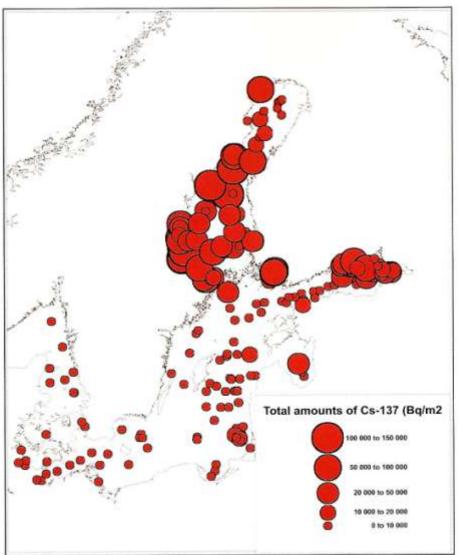
HELSINKI COMMISSION Overview 2007"

Baltic Marine Environment Protection Commission

- to the Ministerial Meeting in Poland, 15 November 2007. page 17
http://www.helcom.fi/stc/files/Krakow2007/HazardousSubstances MM20
07.pdf

"The levels of anthropogenic radionuclides are higher in the Baltic Sea than in other water bodies around the world. Compared to the North East Atlantic and the North Sea, the concentrations of caesium-137 in the Baltic Sea are 40 and 10 times higher, respectively."

Césijs 137 Rígas júras lící 20.000 — 50.000 Bq/kvm, 90-to gadu beigás un 21 gadsimta sákumá, gadsimtu mijá (HELCOM)



Total amounts of "Cs (Bg/m2) at different sampling stations in the Baltic Sea in the late 1990s and the beginning of the 2000s (flus et al. 2007). Most of ^{or}Cs is in the sediments of the Bothnian Sea and in the eastern Gulf of Finland. due the high deposition of the Chemobyl fallout in these areas, the high tendency of "Cs to bind in sediment particles in brackish water environments, and the high sediment accumulation rates in these areas.

Plutonijs 239, 240 Rígas júras lící 150 — 200 Bq/kvm, 21 gadsimta sákumá (HELCOM)

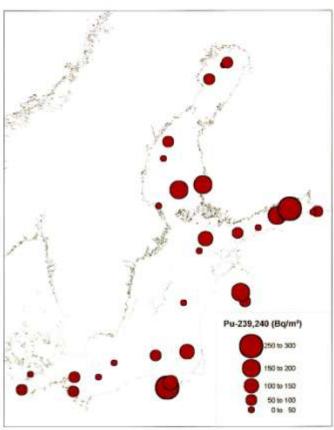


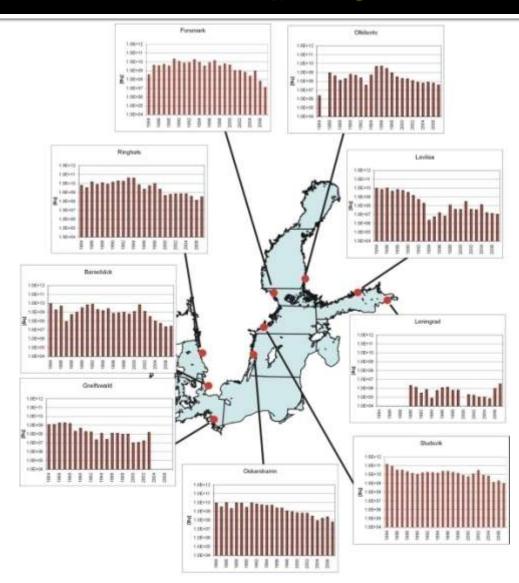
Figure 10.
Total amounts of Pu-239,240 (Bq m⁻²) at difterent sampling stations in the Baltic Sea at the beginning of the 2000s.

Sub-region	Number of sediment cores	Maximum (8q m ⁻²)	(Eq m ⁻²)	Total inventory (TBq)
Botheiun Bay	- 4	94	69	1.25
Bottminn Sea		178	156	6.86
Gulf of Finland	8	299	92	1.60
Bultic Proper + Gulf of Pliga	29	266	-62	5.60
Belt Sea	2	51		
Total	51			15.3

Table 3.
Total inventories and maximum and median values of Pu-239,240 in different sub-regions of the Baltic Soa.

Cs-137, Sr-90 and Co-60 noplúde Baltijas Júrá no kodoliekártám

http://www.helcom.fi/environment2/ifs/ifs2008/en_GB/Cs137_discharges



Military industry

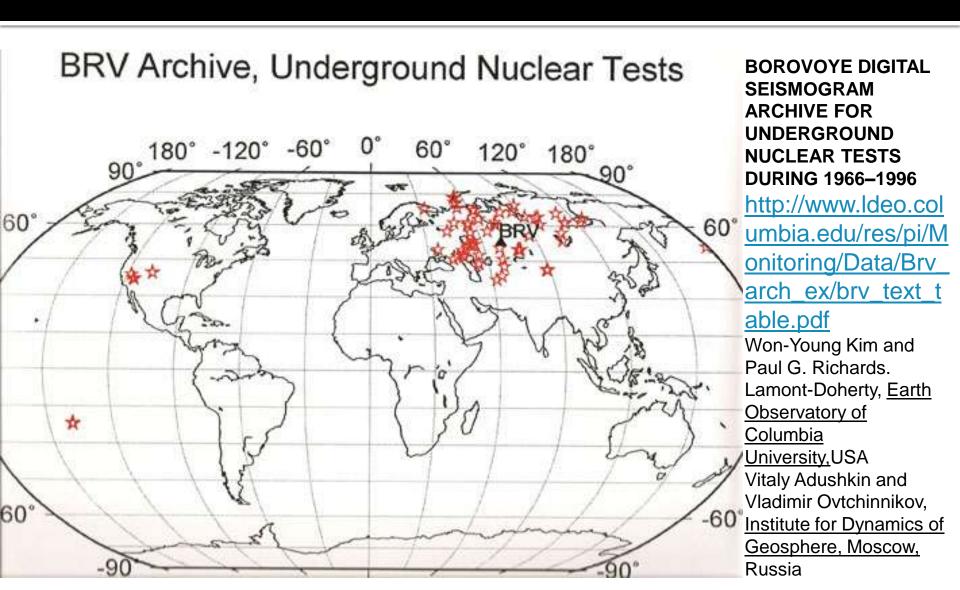
- History the atomic-industry was created by the military industrial complex.
- Depleted Uranium is the by-product of the atomicindustry used by the Military complex for the production of the most dangerous weapons on the surface of the Earth.
- Uranium in DU weapons attaches to the DNA of all living systems causing permanent genetic damage (used in Iraq, Afganistan, Jugoslavia, Gaza).
- Military complex gets Uranium free of charge with the excuse of them taking care of the nuclear waste.

DU and other radionuclides in the air flows

What goes around comes around – air and water flows redistribute nanoparticles of the pulverised nuclear waste to our lands and forests, oceans and seas, rivers and lakes....



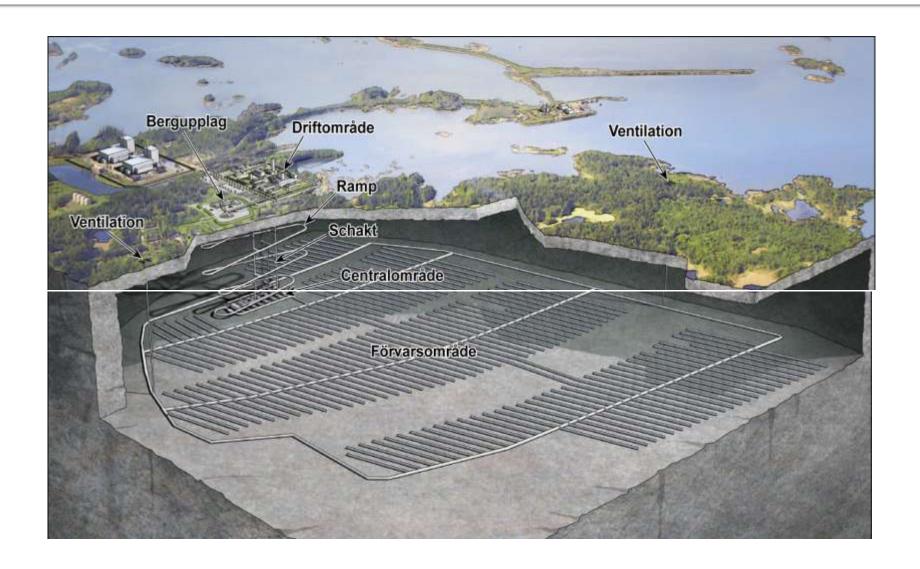
Underground Nuclear Tests During 1966–1996. LEGALISED ATOMIC-CATASTROFY SOURCE.



Experimental Final Nuclear Repositories being built in Forsmark, Sweden and Olkiluotto, Finland

- Potencial LEGAL ATOMIC-DISASTER SOURCES

Forsmark, Sweden

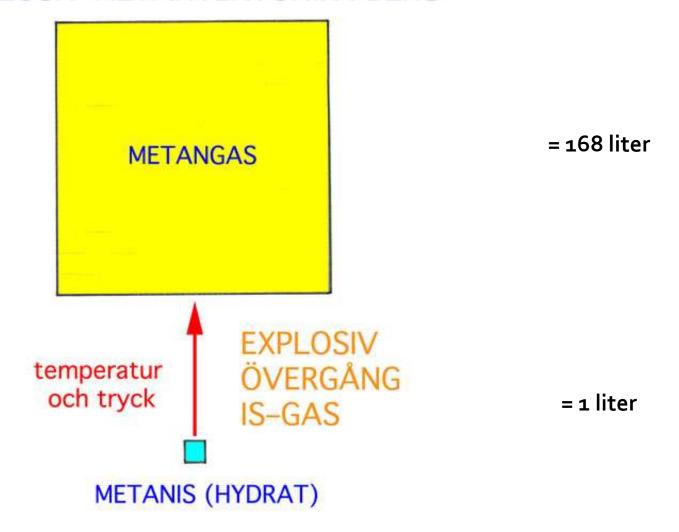


Olkiluotto, Finland



Explosive methane tectonics, as methane hydrate ice crystal in the rock turns instantly into gas (at raising temperatures after the ice age). SKB does not discus this risk at all.

EXPLOSIV METANTEKTONIK I BERG



N.A Mörnera bilde

The quarrying explosives and the radioactive wastes are planned to be brought down in to the rock at the same time in the repository building process.

explosives and radioactive wastes

The existence of all life forms around the Baltic Sea is threatened if the explosion of nuclear wastes occurs on the Baltic Sea shore.

The toxic highly radioactive wastes disperse in to the sea

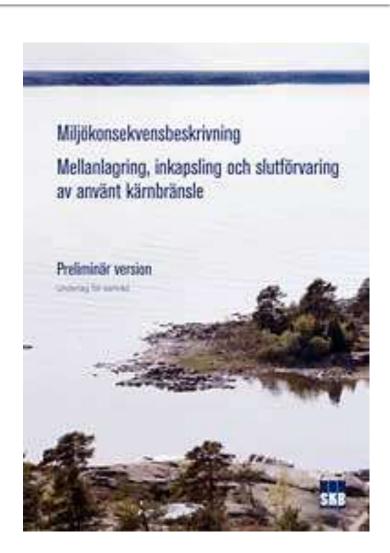


MKB = EIS

The preliminary Environmental Impact Statement (only in Swedish) was published in the end of 2009 and the whole public inquary process was finished at the concluding SKB meeting in Forsmark February 6th 2010. Download:

http://www.skb.se/e772cgoa-2015-4d8b-b25g-80e5722de76g.fodoc

- Radiation is dicussed only on the pages 37-38, with an astonishing statement that after 100.000 years the levels of radioactivity of the reposited waste will be similar to the natural bakground levels. That is incorrect as most of the waste is Uranium that remains highly radioactive for 45 billion years.
- Second crucial error is on page 37, where it is stated that it is enough to use ICRP radiation risk estimation model, just because Swedish Rad Protection Agency SSM.se has so recomended. EU law recomends using the most competent models, therefore ECRR model (www.euradcom.org).



European Spallation Source is being built in Lund, Sweden

www.esss.se

ESS is not defined as a nuclear facility!!!

Part of the target will be exchanged every 45 days and stored in the nuclear waste repository

ESS-S claims that the mercury target is a closed system.

The part of the Mercury target where the proton beam enters into the Mercury is exposed to intensive heat flow and **extremely intense radiation**.

A part of the target has to be exchanged after 45 days run of the ESS and will have to be stored in a nuclear waste repository.

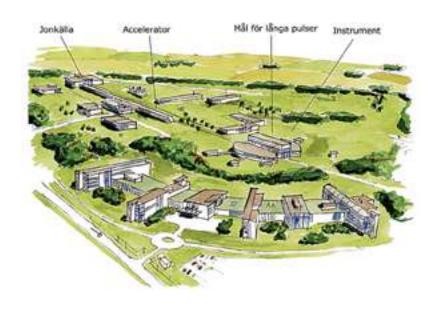


European Spallation Source

 ESS will be the worlds largest and most modern neutron scattering facility. 7 of the 26 neutron scattering facilities around the world have designs comparable with the ESS and most of them are equiped with sub-critical reactors allowing transmutation studies

Even MAX IV - next generation synchrotron radiation facility (www.maxlab.lu.se) at ESSS.se

ESS

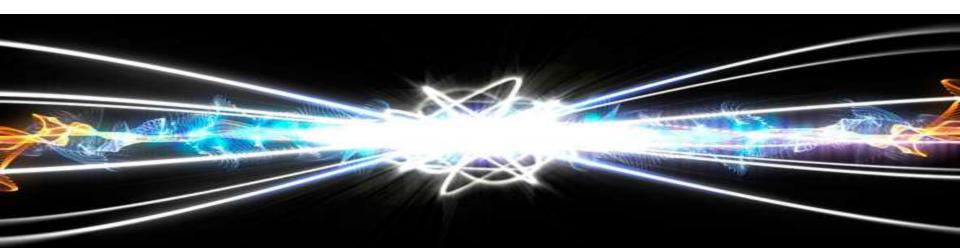




Future Transmutation of Nuclear Waste?

A future Accelerator-Driven Nuclear Waste Transmutation System would consist of three major sub-systems:

- a proton accelerator (like ESS) with very high power (5 MW for a demonstrator, up to ~50 MW for an industrial burner);
- a burner reactor where spallation and transmutation would occur;
- a processing plant in which short-lived isotopes that could not undergo further transmutation would be removed for secure disposal, and where other isotopes could be recycled into new fuel assemblies for the burner reactor.



So as the global industry this year 2010 starts to build in Lund the first of the three components necessary for a transmutation plant.

Are they planning more facilities?
Would they tell?

Olof Karlsson, physicist and chairman of Sweden's alternative energy organizations (SERO):

- "The fact that the accelerator may be the first step towards a new prototype reactor (which was first imagined by Carlo Rubbia) on Swedish ground this is something that nobody wants to talk about. But if you know something about nuclear physics, you should realize that the size and effect of ESS is meant for transmutation experiments on a large scale not just as occasional experiments.
- ESS could be the first phase in developing a full scale, scary Rubbia reactor – accompanied with the necessary reprocessing plants.
- The municipality (Lund) which is expected to give territory to establish the European Spallation Source project, should at least get legal guaranties, that transmutation of nuclear waste is not part of what ESS is going to be used for!" But even then tomorrows legal guaranties can be changed in the future.

SCANDINAVIAN NEUTRON SOCIETIES

LULEA UNIVERSITY



Sweden is among the world's top arms exporters in per capita terms

- Institutions like the Nobel Prize have helped link Sweden's international reputation to peace and reconciliation. But few people know Sweden is also one of the world's top exporters of weapons. Sweden is among the world's top arms exporters in per capita terms. Its clients include the United States and Britain, with shipments more than doubling since 2000.
- Alfred Nobel established Bofors company in Karlskoga for the weapons industry. One of its group is now owned by British Aerospace (BAE), Europe's biggest weapons company. And the other group went into Saab, Bofors Dynamics, which is another Swedish-owned company. General Motors in the United States owns Saab, the automaker, and Ford owns Volvo, another Swedish company.
- Saab is Sweden's biggest weapons manufacturer

Nuclear waste in Uranium weapons

Despite what Swedish and global *nuclear* industry tells us or plans without telling, Swedish and Finish *nuclear waste* is the byproduct contributing to further proliferation of *nuclear weapons* materials – Uranium weapons, causing permanent genetic damage around the world

http://www.bsrrw.org/?page_id=109

Nuclear Industry = war mangling national economy parasite

The message of Swedish economist Åke Sundström's book fr 2002, Nuclear Power has made Sweden poorer "Kärnkraften har gjort Sverige fattigare", may be summarised:

After over-investing in the military Nuclear Power investments in the 6os and 7os, the mainly government-owned Swedish Nuclear power companies were forced to dump the surplus on to unwilling consumers at prices around half the cost of production. That is how 300 billions SEK were lost, just in Sweden, already before the shift of millenia.

Download: http://www.bsrrw.org/?page_id=20

Legal aspects

Espoo Konvention un SEA Protokol. EURATOM un Lisabonas Treaties

Each country around the Baltic sea can stop the nuclear industrial projects !!!

Espoo Konvention un SEA Protokol.

http://www.skb.se/Templates/Standard____24250.aspx

Background material for the Baltic countries (http://www.skb.se/Templates/Standard___24250.aspx)

- Interim storage facility, encapsulation plant and final repository for spent nuclear fuel. Updated version. January 2008.
- Background information Finnish (pdf)
- General structure of the EIS for the final repository system, to be submitted with the permit applications. December 2007.
- General structure of the EIS for the final respository system –
 Finnish
- Safety and radiation protection. May 2007.
- Long-term safety for KBS-3 repositories at Forsmark and Laxemar
 a first evaluation, Main report of the SR-Can project, October
 2006.
- Long-term safety for KBS-3 repositories at Forsmark and Laxemar
 a first evaluation, Summary of the SR-Can project, October 2006.
- Account of consultation

Some of EURATOM aims TITLE I. The tasks of the EURATOM Community

Article 2.

"The EURATOM Community is responsible for

- a) promoting nuclear research in the Member States (...)
- c) **facilitating investments necessary** for development of nuclear energy (...)
- f) exercising the right to ownership of nuclear materials"

http://www.j.dk/images/bondes/EURATOM_reader-friendly_-_FINAL.pdf



EURATOM treaty is superior the European Union

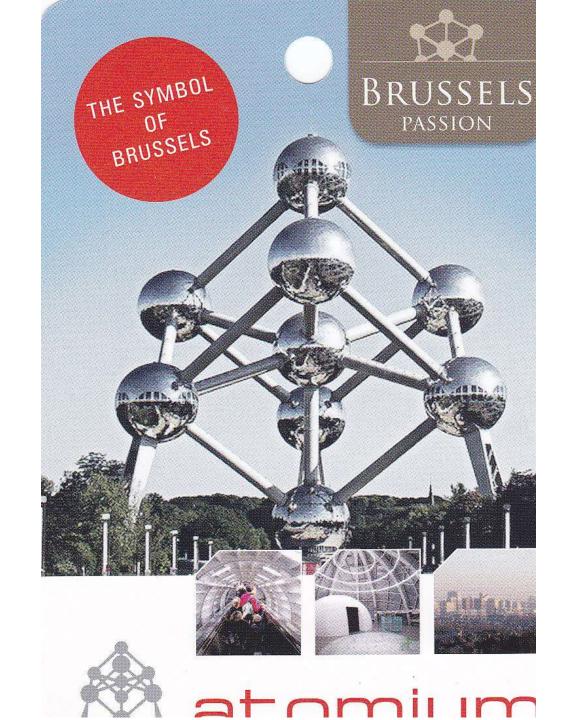
The EURATOM is officially superior the European Union.

Article 3 of (the new for Lisbon Treaty revised version of) EURATOM Treaty states following:

"The tasks entrusted to the (EURATOM) Community shall be carried out by the following institutions: a European Parliament, a Council, a Commision, A Court of Justice, a Court of Auditors. Each institution shall act within the limits of the power conferred upon it by this (EURATOM) Treaty."

In other words all these institutions of European Union have the task to promote, support and favour nuclear power above other energy types.

http://www.j.dk/images/bondes/EURATOM_reader-friendly_-_FINAL.pdf



Coal and Steal Union agreement of 9th of May 1950 is the base of EU and EURATOM

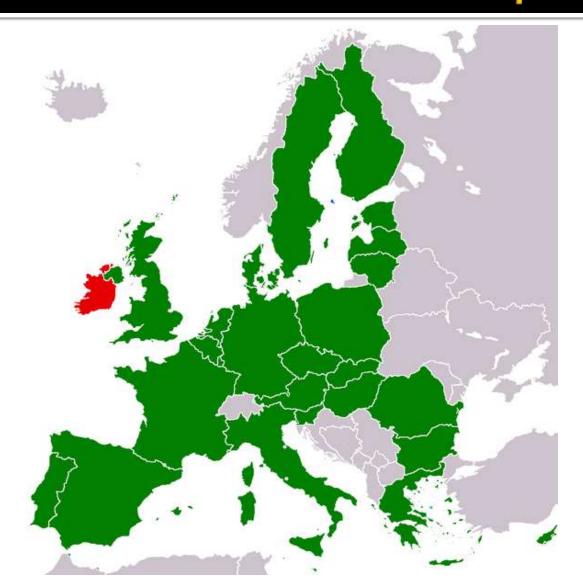
Parise declaration was signed by the interests in France, Western Germany, Italy, three Benelux countries, Belgium, Luxenburg un Netherlands



Bretton Woods agreement fr 1944 is the key factor for economical colonisation of nations



Lisabon Treaty. Politics as a useless illussion of power?



Rather a scientific solution. The next level of Resource Based Economy

- Ecological + economical + social welfare
- Guaranties to cover basic needs with resources for each living system only if we get out of the current feudal economical systems

http://www.bsrrw.org/?page_id=87

ARGENTINA: Red Argentina de Ingreso Ciudadano. Founded March 2004. www.ingresociudadano.org

President: Ruben Lo Vuolo. redaic@ingresociudadano.org

AUSTRIA: Netzwek Grundeinkommen und zozialer Zusammenhalt. Founded October 2002...

www.grundeinkommen.at

Coordinator: Margit Appel, <u>margit.appel@ksoe.at</u>

BRAZIL: Rede Brasileira da Renda Básica de Cidadania, RBRBC. Founded in September 20, 2004, by

13 Brazilians who attended the 10th International Congress of BIEN, in Barcelona. Provisory

Coordinator: Eduardo Matarazzo Suplicy, eduardo.suplicy@senador.gov.br

DENMARK: Borgeronsbevægelsen .Founded in January 2000. www.borgerloen.dk President: Jorg

Gaugler. per@borgerloen.dk

GERMAN: Netzwerk Grundeinkommen. Founded in July 2004.

www.grundeinkommen.de Spokesmen: Ronald Blaschke, Katja Kipping, Katrin Mohr, Gunther Soelken,

Robert Ulmer, Birgit Zenker, kontakt@grundeikommen.de

HOLLAND: Veriniging Basinkomen. Founded in October 1987 (initially as Werklplaats Basinkomen).

www.basisinkomen.nl

Coordinator: Guido den Broeder.

IRELAND: BIEN Ireland. Founded in March 1995

Coordinator: John Baker. <u>John.Baker@ucd.ie</u>

SPAIN: Red Renta Básica. Founded in February 2001. www.redrentabasica.org

SWITZERLAND: BIEN Switzerland. Founded in September 2002

President: Pierre Hrold c/o Jean-Daniel Jimenez. Jean-da.jimenez@bluewin.ch

UNITED KINGDOM: Citizen's Income Trust. Founded in 1984 (initially as "Basic Income Research

Group"). www.citizensincome.org

Director: Malcolm Torry. info@citizensincome.org

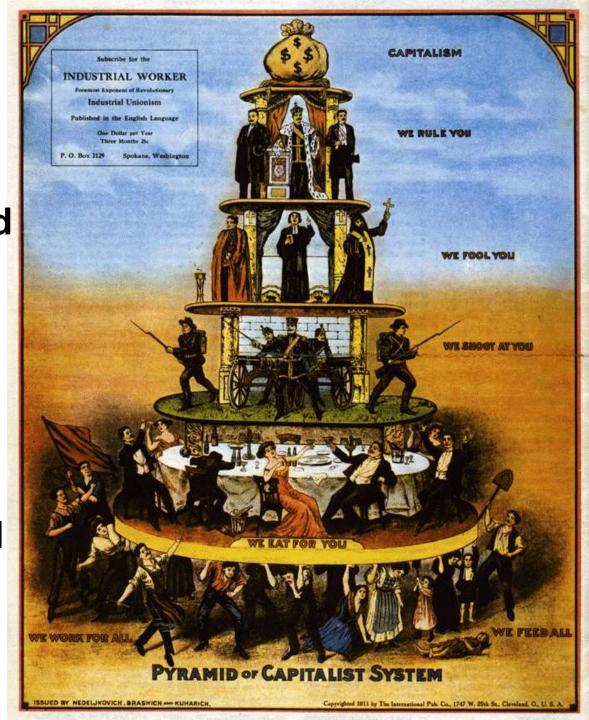
UNITED STATES: U.S. Basic Income Guarantee Network (USBIG). Founded in December 1999.

www.usbig.net

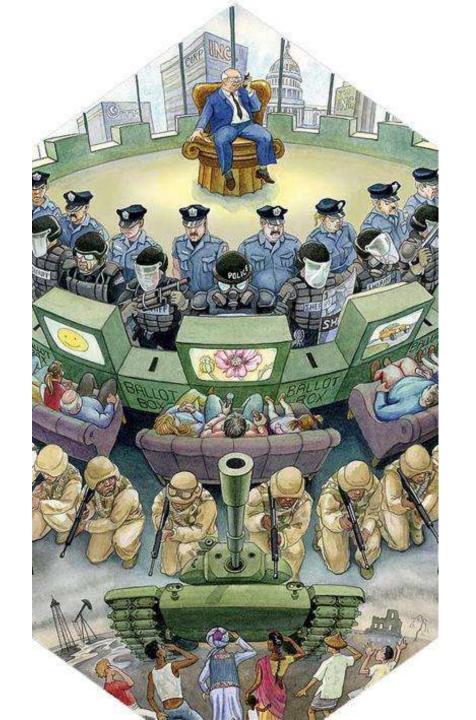
Coordinator Karl Widerquist. Karl@Widerquist.com

SOUTH AFRICA: Recently founded the *South Africa Coalition for a Basic Income Grant* that joined 32 civil organizations.

The welfare of the world smoked out by the pyramidal structures **LEGALISED CATASTROFIES** in all -ecolo/econo/social -areas



NO CLAS
in this Pyramide is
protected from the
LEGAL
ATOMIC - CATASTROFY
SOURCES



From pyramidal hierarhy to the natural Sun System Structure ...

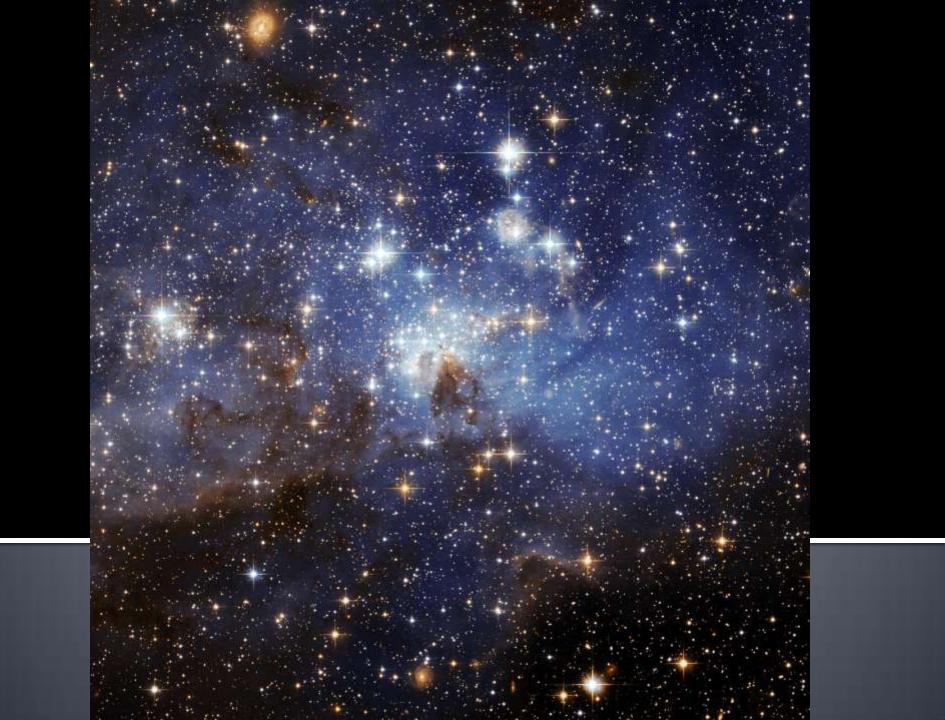
- ...where the strongest object of light and warmth is central provider of vital resources to all living systems
- Ecological, Economical un Social protection. NATIONAL COMPUTER PROGRAM providing for every unit alive
- Open Source Network for competence
- Resource Based Economy
- Therapy and Care instead of most previously criminalised actions
- Minimal state
- Top level human power is posessed only by the caring and loving

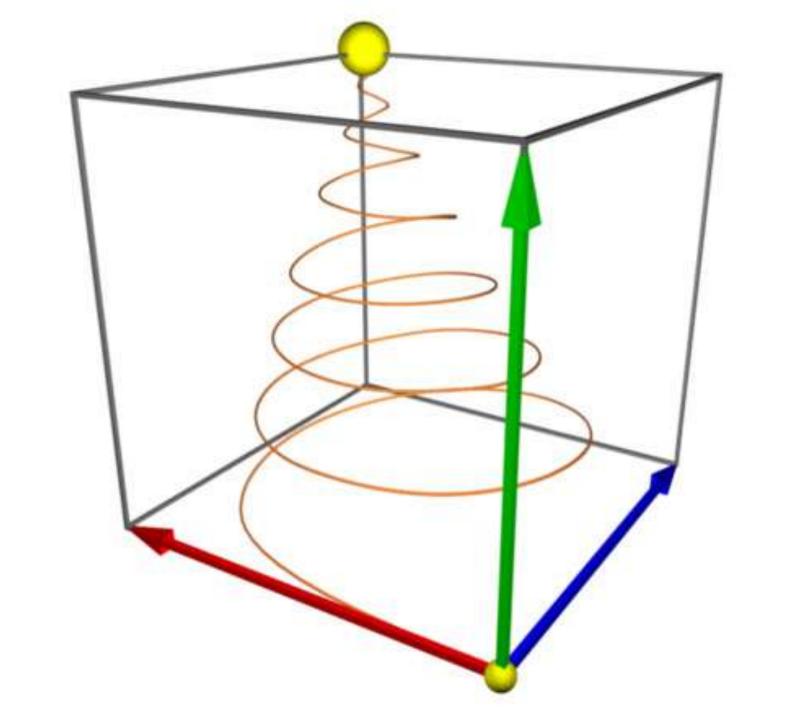
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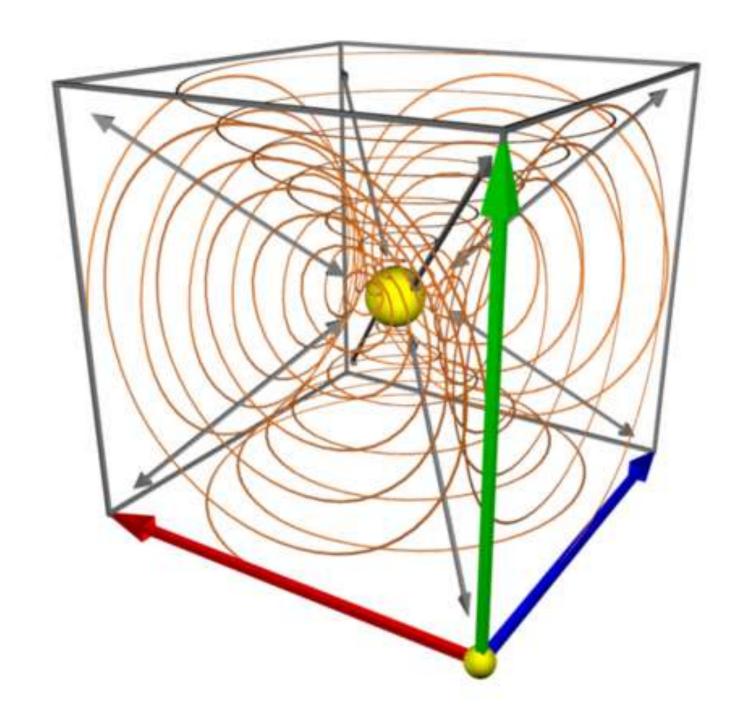
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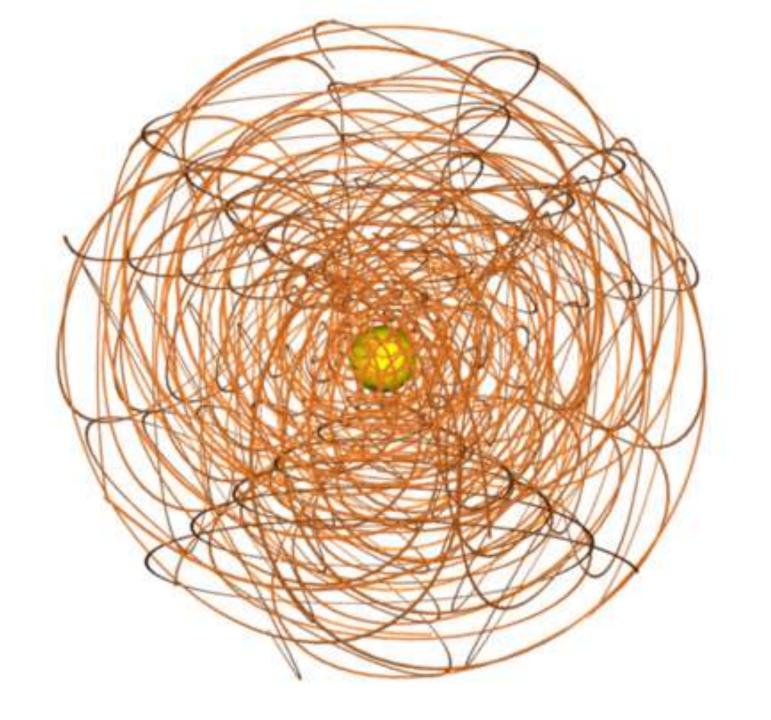
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gendereconomy.com ditta.nu





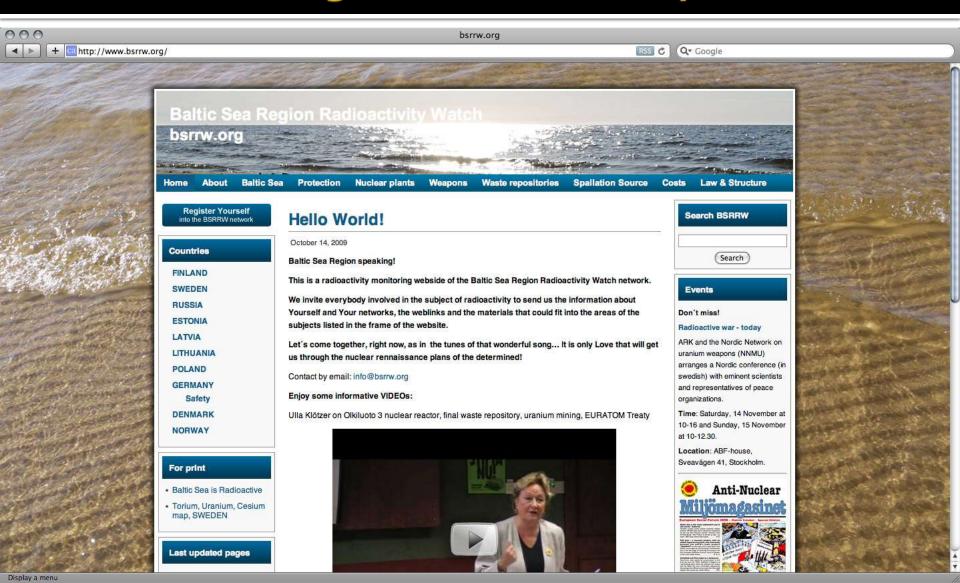






www.bsrrw.org

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THANKS for Your attention!

Ditta Rietuma, general secretary BSR ECRR, BSRRW.org

info@bsrrw.org, bsr@euradcom.org

All presentations will be downloadable on:

BSRRW.org