

ALTERNATIVE ENERGIES ON THE MARCH ...

"The choice of an energy model matters : it can make all the difference to peace and solidarity. It lies at the heart of the relationship between Humans and the Earth we live on.

In this plan, our personal and respective responsibility is total: we must invent future energies that are serious, efficient and renewable. Today this is possible without any major technical leap...Let's take the first step." (*négaWatt manifesto*)

CHANGING THE NEAR FUTURE...EVERYBODY'S BUSINESS

Today the Ardèche (its inhabitants, its business community, its public authorities) already spends every year more than 700 million euros on energy (all sources combined). If we take into account the likely evolution of energy prices, this sum will climb to one BILLION euros by 2020.

Let's put a stop to this waste right away by financing the great Ardèche project of Alternative Energies :

- Reducing our consumption by 20% before 2020 (a European objective) would represent an annual saving of 200 million euros for our department! A great advance for energy self-sufficiency !

- Renovating 40,000 homes in the Ardèche to meet the highest standards of energy performance would save another 190 million euros annually. Estimated costs for this project-- 1.4 billion euros-- would be covered in less than eight years by reduced expenses, and would create 2500 long term jobs in the building industry.

- Developing renewable energies would create a huge stock of local jobs impossible to relocate, estimated at more than 300,000 in France for this single line of activity ((Étude "Quirion") It would be providential for the area. Rather than pay high prices for massively imported energy (oil, uranium) we could maximize local resources and reap the benefits ourselves.

But if we don't act now, the people of the Ardèche will soon have problems with heating and transport.

Tomorrow, will we see most of the population affected by energy insecurity ? Will let we the climatic disordered state pack ?

No, then reinventing everything at a time how we consume and the need to produce clean energy, managed locally, sustainably and accessible to all !

How to take action ? Get involved in Alternative Energies !

Create a citizens' discussion group about Alternative energies in your commune. Organize debates... with the support of the Collectif 07 or Polénergie (04 75 35 87 34). Participate in the first Ardèche forum for Alternative and Ecological Energies "Which Ardèche for Tomorrow ?" (april 2013). Contact : forumtre07@orange.fr

The Collectifs 07 & 30 "Stop aux Gaz et Huiles de Schiste"
Renew their fight against the exploration and exploitation of hydrocarbons from the mother load
(oil, coal gas, shale gas and oils)

39 rue Jean-Louis Soulavie - 07110 Largentière - www.stopaugazdeschiste07.org

COLLECTIF 07

STOP
AU GAZ DE
SCHISTE

Latest news from Collectifs 07 30

November 2012



la **GAZ** *ette*
STOP ! **AUX GAZ & HUILES DE SCHISTE**

ALTERNATIVE ENERGIES MEAN

By 2020, **680 000** new jobs and a CO2 reduction of 30%

Étude France "Quirion" du WWF

The "Alès Region" Permit
Conventional or Hydraulic... SAY NO

TO FRACKING !
Stay Ready for Action !

Suspicious looking vehicles, trucks or roadworks ?

CALL THESE NUMBERS

Ardèche : 06 23 66 15 51
Gard : 06 95 60 22 72

Faire un don

see detachable flap

Contacts, Infos :

Collectif 07 Website : stopaugazdeschiste07.org

04 75 36 72 83

07

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collectifgardechois@gmail.com

Rhône-Alpes

We can easily manage without shale gas and oil !

This is not wishful thinking, look at these examples !

- In **Austria**, more than 25% of the population showers with solar heated water. In the Ardèche--less than 2%. But who gets the most sun?

- **Montardier**, in Picardy, produces 53 % of the energy needed for 6200 inhabitants with a windfarm, firewood and solar panels, all communally administered.

- **St Michel d'Aurance** (07) produces its own photovoltaic electricity, thanks to a citizens' cooperative.

- etc... Examples are numerous.

Oil, gas, coal and even uranium are disappearing. They will always be out of reach, more and more expensive, and can never resolve the energy crisis.

They tell us shale gas and oil are the new "El dorado". False ! Their extraction would bring about TOTAL and DE-FINITIVE pollution of drinking water resources. The 600 chemicals and radioactive particles which re-emerge at ground level make farming and food production impossible. Can we seriously destroy our whole environment for just a few more years of fossil energy ?

TOGETHER we can make the switch to

ALTERNATIVE ENERGIES

Job-creating, inventive, adaptive, inexhaustible, this is the solution each of us can actively promote with our neighbours, communities, region... Let's create a cleaner world, where energy is abundant and renewable... WE CAN DO IT !

The hour of Alternative Energies has come !

WHY CHOOSE ALTERNATIVE ENERGIES ?

The need is urgent :

- Non-renewable resources are drying up (oil, coal, gas, uranium)
- Greenhouse gasses escalate climate disturbance
- Toxic wastes are proliferating
- Environmental catastrophes are multiplying (oil spills, nuclear incidents)

An end to easy resources

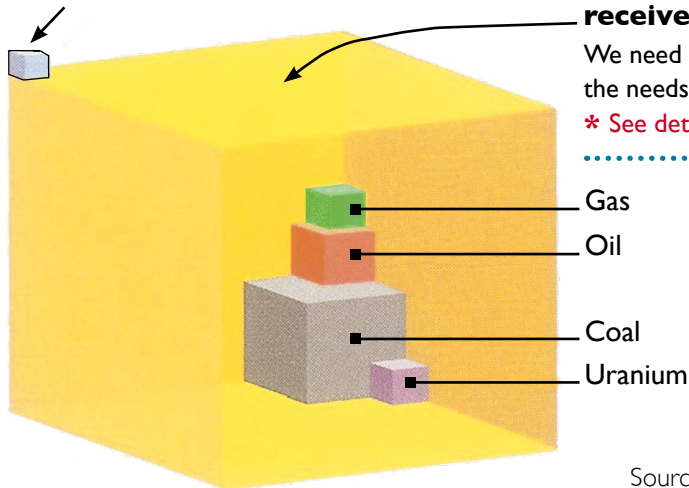
Oil was plentiful and cheap for a long time. But oil production peaked in 2009. Since then, the gap between supply and demand has made prices explode. All the non-renewable resources will experience the same decline: coal and uranium should peak around 2020, gas between 2008 and 2030 !

Any new discoveries of fossil or fissile fuel deposits will encounter the same shortages in thirty or forty years time...

If we want to live on the Planet with equal rights to energy, drinking water and pure air, we must absolutely seek alternative solutions with clean, local and above all renewable energy sources, to reduce conflicts over supplies and ensure that local benefits accrue to all. Why wrest from the Earth its last fuel energies when the "climate" cannot take the strain ?

Resource assessment: the future for renewable energies !

Annual consumption of energy on the whole of Planet Earth :



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Pollutions and risks...

The use of fossil fuels provokes greenhouse gasses (CO ...) leading to global warming. Just 4° C more will bring about irreversible catastrophes (droughts, rising sea levels).

The proliferation of nuclear plants and their deterioration endanger us for thousands of years.

The same is true of radioactive particles brought to the surface during the extraction of shale fuels.

Of the solar radiation received on earth each year

We need only harness 0.013% to meet the needs of the entire planet !

* See details bottom page 3.

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Worldwide inventory of known, non-renewable energy sources

Source : Manifeste négaWatt 2012

HOW TO SWITCH ?

To adopt Alternative energies, we need to ask the question : "What are our real needs ?" And not figure in terms of production, which only leads to overconsumption.

Moderation Starting with the easy part... the things we don't need !

• A quick look at our bad habits in everyday life: do we need all those electric appliances switched on all the time ? (computer, lighting, high heat, standby lights).

- Let's stop lighting up public buildings and roads at night.
- Let's stop the electrical lighting of billboards.

Budgetwise shopping :

- Let's stop buying gadgets, expensive to make

and transport, that end up in the garbage.

- Let's choose for all our needs sturdy, long lasting products of local manufacture.

Making the most of equipment :

- Use car pools
- Use collective laundry facilities in apartment buildings (common in northern countries).
- Use collective bicycles and car services, and share gardening and household tools.

Efficiency Let's use less energy for the same needs ...

Transportation and housing are the two major drains on energy resources. Some ideas :

Transportation :

- Insist on engines that give higher mileage : it's possible !
- Reduce transportation of products by favoring local networks of supply and consumption ...

Housing :

- Avoid expensive electric heat.
- Build high performance buildings with low energy needs.
- Renovate older buildings with efficient insulation (generating jobs).
- Combine energy sources to avoid wasting heat generated by energy production ...

Energy networks :

- Produce energy locally to diversity production and avoid electricity loss during transport (10 to 15%).
- Let us develop the means of electric energy storage not consumed ...

Consumer goods :

- Fight programmed obsolescence of household and business equipment For example : insist on Class A+++ refrigerators, long-lasting, with parts that can be recycled.
- Suppress useless packaging which adds expense both in the making and disposal ...

Clean Energies Make Renewable energies your first choice

To meet basic needs for living, let's use clean, renewable energies : sustainable at the human level.

* Solar energy from the sun's radiation in the atmosphere produces common physical and chemical phenomena such as wind, rain and snow, light, heat, plant photosynthesis and ocean currents ...

By transforming the effects of these phenomena we can produce energy: turbine, hydraulic, photovoltaic, thermic, wood burning, biogas, marine ...

The earth's heat can be turned into geothermal energy. Existing technologies are complementary. Choices can best be made at the local level, as no one source can cover all local needs.

Alternative Energies are possible if we make these budget choices and push our politicians in this direction. In France, according to the experts of négaWatt, we could, by 2050, meet 90% of our energy needs with renewable resources.

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