



L'ENERGIA SPIEGATA
FESTIVAL DELL'ENERGIA
LECCE 16-18 MAGGIO '08

ENERGY FESTIVAL – “Energy explained” “Paths towards the future”

“Energy explained. The Energy Festival” originated with an idea by Aris and Assoelettrica, partners in the conception and production of the event.

ARIS – Agenzia di Ricerche Informazione e Società (Business and Information Research Agency) – is a non profit organisation operating in the areas of information and communications in the following sectors: industry and services, energy and the environment, infrastructure and transport in the policy-making, culture, social and media domains. Aris carries out studies on the trends of social tension, phenomena of antagonism, prejudice, conflicts and contrast caused by poor communication procedures and inadequate quality of information, not to mention a lack of development of the cultural growth processes in these areas. By means of the permanent Nimby Forum (R) observatory, Aris carries out ground-breaking work in the field: the constant monitoring of the Nimby phenomenon in Italy. Founded in 2004, the Nimby Forum® is a research initiative aimed at developing and promoting a **culture of communication, dialogue and discussions at a local level** as a fundamental factor in the construction of plants and strategic infrastructure for the development of the country. The objective is to identify the most effective ways for **the various parties to interact** in order to reduce the phenomenon of local environmental conflicts. The experience gained over the years and the observations made through the organisation of numerous events, conventions and debates throughout the country and through constant collaboration with prominent people in the world of science, business, innovation and policy have led Aris to organise an event that brings the issue of energy into the public arena.

ASSOELETRICA

Founded in 2002, **ASSOELETRICA** is the Italian National Association for Electric Companies and comprises around 150 companies today that operate in the open market, producing about 90% of the electrical energy generated in the country. The association focuses on the investigation, on an institutional level, of the most appropriate solutions for providing the electrical energy required under optimum economic, reliability and safety conditions to enable complete freedom in the energy sector and greater competitiveness in the electric market. Assoelettrica was among the backers of the Nimby Forum(R) project from the outset and today promotes the initiative having acknowledged the originality and potential of the event.



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Energy Festival Honour Committee

Zhores Ivanovic Alferov, **Nobel Prize for Physics**

Enzo Boschi, **President National Institut Geophysic and Vulcanology**

Enzo Gatta, **President of Assoelettrica**

Margherita Hack, **Professor Emeritus Trieste University**

Claude Mandil, **IEA, International Energy Agency**

Emma Marcegaglia, **Vice President of Confindustria**

Alessandro Ortis, **President of AEEG, Authority for Electric Energy and Gas**

Luigi Paganetto, **President Enea**

Chicco Testa, **President of the Committee WEC Rome 2007**

Energy Festival Scientific Committee

Luciano Barra, *Ministry of Economic Development*

Giampio Bracchi, *Milan Polytechnic Foundation*

Alessandro Clerici, *World Energy Council (WEC)*

Gianluca Comin, *FERPI – Italian Public Relations Federation*

Emilio Conti, *IULM University of Milan*

Edgardo Curcio, *AIEE – Italian Association of Energy Economists*

Stefano da Empoli, *I-COM, Italian Competitiveness Institute*

Luigi De Paoli, *IEFE, Bocconi University of Milan*

Sergio Garribba, *World Energy Council Member, (WEC)*

Diego Gavagnin, *Quotidiano Energia [Energy Daily]*

Domenico Laforgia, *Salento University*

Biagio Longo, *Casa dell'energia, Milan*

Angelo Moreno, *ENEA, Italian National Agency for New Technologies, Energy and the Environment*

Pippo Ranci, *Catholic University of Milan*

Patrizia Ravaioli, *Associazione Pimby*

Pia Saraceno, *REF, Economics and Finance Research and Consultancy*

Davide Tabarelli, *Nomisma Energy*



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Operating Secretariat during the Festival

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PROGRAM

The Festival includes the following four thematic areas:

- **Conversations** – events, debates, meetings, talk shows, book presentations, updating courses
- **Experimentations** – exhibitions, laboratories
- **Emotions** – theater shows, games, film fest, urban theater show
- **Interactions** – online surveys, in-depth analysis, web events

The key concepts that characterize events and initiatives can be summarized as follows:

- Science and reason are the foundation of knowledge
- No more ideology and preconceived beliefs, no meaningless and unproductive debates
- Energy is the foundation of life and human development
- Energy choices in the future shall take into account a wider concept of sustainability, encompassing economic, social and environmental sustainability

1. Conversations

The thematic area called **Conversations** represents a real confrontation, dialogue and divulgation terrain on the subject of energy within the Festival.

The events are meant for a non-specialized audience that throughout the various Festival paths will have the opportunity to familiarize in a direct and fascinating manner with the basic concepts of energy, i.e., different generating systems, energy consumption and any other issue relevant to this fundamental subject for human experience.

In particular, the edition no. 0 of the **Energy Festival – Explained Energy**, will mainly focus on electrical energy, while the 2009 edition will also cover other forms of energy and their utilization.

The thematic area includes four different types of events:

- 1.1 Opening Lectio Magistralis "*Paths towards the future*"
- 1.2 Summits on Energy
- 1.3 Talk show
- 1.4 Meetings with experts

1.1 Lectio magistralis – May, Friday the 16th

With a view to giving a distinguishing mark and differentiating the Festival from the countless events dedicated to the experts in this sector, the suggestion is being made to open the works with a *Lectio Magistralis* on the subject of energy as the driving force of human evolution, addressed by an authoritative and undisputed representative of the Italian cultural world.

This first appointment constitutes in fact the inauguration of the Festival and therefore will attract a large public, with visitors, experts and media.



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The event is scheduled on May 16 immediately after inauguration of the Festival and addresses of the President of the Province of Lecce **Giovanni Pellegrino**, approximately around 4.30 p.m.

Speaker for the *Lectio magistralis*:

- **Giuseppe O. Longo** (Information Theory , University of Trieste, Italy)

1.2 Summits on energy

The *Lectio Magistralis* will be followed by three vertical summits on energy. The three summits are intended as an opportunity to encourage the participation of multiple actors without partisan confrontation and ideological opposition and to offer three “high” moments of elaboration of the strategic thought on the future of energy, with the contribution of the most involved sectors, i.e., politics, economy and the environment.

The three summits therefore are real thematic think-tanks, divided into the following three subjects:

1. **What market for the energy of the future**
2. **What enterprise for the energy of the future**
3. **What environment for the energy of the future**

This organization will allow maximum visibility of the three summits to the media and highest participation from the public.

Guests proposed for the *Summits on Energy*.

May, Friday the 16th – 5.00/6.30 p.m.

1. **What market for the energy of the future** – this event will be chaired by **Antonello Piroso** (Editor of TV News of channel La7)
 - **Minister for Economic Development** *
 - **Political exponent of the opposition parties** *
 - **Alessandro Ortis** (President of the Authority for Electrical Energy and Gas)
 - **Nichi Vendola** (President of the Puglia Region)
 - **Bruno Tabacci** (Senator, “Rosa Bianca”)
 - **Giuliano Zuccoli** (President of A2A)
 - **Piero Manzoni** (General Manager Atel Energia)
 - **Rosa Filippini** (President of Friends of the Earth)
 - **Paolo Carcassi** (Italian Labor Union “UIL”)

May, Saturday the 17th – 11.00/12.30 a.m.

2. **What enterprise for the energy of the future** – this event will be chaired by **Enrico Manoja** (Director of Il Mondo)
 - **Political exponent** – Presidency of Council of Ministers *
 - **Luca Valerio Camerano** (CEO Energie e Investimenti)
 - **Umberto Quadrino** (Managing Director of Edison)
 - **Klaus Schäfer** (CEO E.ON Italia)
 - **Paride De Masi** (President Italgest Group)
 - **Giuseppe Pasini** (President of Federacciai)



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- **Massimo Serafini** (Head Energy Department, Legambiente)
 - **Giacomo Berni** (National Secretary of Italian Labor Union "Filcem – CGIL")
 - **Massimo Orlandi** (AD Sorgenia)
 - **Simone Mori** (Head Business Regulation Department Enel)

May, Saturday the 17th – 5.00/6.30 p.m.

- 3. What environment for the energy of the future – Giuseppe Roma** (Director of Censis)
- **Minister for the Environment** or environmental leader of the party with a relative majority *
 - **Adriana Poli Bortone** (Member of the Environment Committee and Climate Change Committee in the European Parliament)
 - **Giuseppe Onufrio** (Greenpeace Italia)
 - **Giovanni Losavio** (President of Italia Nostra)
 - **Pasquale de Vita** (President of Unione Petrolifera)
 - **Enzo Gatta** (President of Assoelettrica)
 - **Giulio Del Ninno** (AD Edipower)
 - **Fabio Bocchiola** (Director of Reiza Energia Italia)
 - **Renzo Bellini** (National Secretary of Italian Labor Union "CISL")

** Given the particular political situation (elections to be held on 13-14 April, 2008) it is not possible at this time to provide the names of the government representatives that might be invited to the Summit. In any case, the Festival will be an interesting stage for both the newly-elected politicians and, should the government not have been formed yet, for the President in charge and the leader of the main opposition party.*

*** The problem of the new appointments arises also in this case. Therefore, the names of the companies have not been indicated yet in the schedule.*

1.3 Talk show

This section will deal with subjects that are controversial and currently largely debated at a media level. Two or more persons with divergent opinions and more precisely figures that are outside the energy world and able to give a new and constructive contribution to the debate will have an opportunity to express their views. In this way the selected subjects will be adequately analyzed by the experts using a language suitable for an audience that is undifferentiated and not necessarily competent on the subject.

During the talk show an effort will be especially made to privilege a more open and transversal debate rather than a negative confrontation on the proposed subjects.

The technical and scientific aspects relative to these subjects will be developed during the section *Meetings with the expert*.

Scheduled Talk shows

- 1. What will the weather be like? – May, Friday the 16th – 7.30/8.30 p.m.**



A dialogue between a scientist and a writer on climate changes

The rationale of this meeting is not just a confrontation between a scaremonger and a skeptic but rather a meeting between two experts not necessarily belonging to the sector that might offer a scenario of how the effects of the debate on climate are having an impact on the economy and on the inclinations of the public opinion.

This event attended by:

- **Bruno Carli** (head of "Osservazioni della Terra" project at CNR and Member of Accademia Nazionale del Lince)
- **Dario Voltolini** (writer)

This event chaired by:

- **Stefano Da Empoli** (Istitute for Competitiveness)

2. Speaking of nuclear energy, what has changed? May, Saturday the 17th – 12.00/13.00 a.m.

A dialogue between an intellectual and an expert on the comeback of nuclear energy in Italy

Also in this case, the meeting will not so much, or not only, turn on the technological innovation or the economic opportunity to revive nuclear energy as, most of all, on the shift in the attitudes towards this technology, the causes that have led to the referendum and the unconscious fears.

This event attended by:

- **Domenico De Masi** (Sociologist)
- **Maurizio Cumo** (Dean of University of Lecce)

This event chaired by:

- **Diego Gavagnin** (Editor of Quotidiano Energia)

3. Who generates and who consumes energy? May, Saturday 17th – 7.00/8.00 p.m.

A dialogue between a politician and an expert on the new geopolitics and the "power divide".

This event attended by:

- **Massimo D'Alema**
- **Pippo Ranci** (Istituto Universitario Europeo), Florence)

This event chaired by:

- **Lino Patruno** (Editor of Gazzetta del Mezzogiorno)

4. Objective 20–20–20: more renewable energy, more efficiency, less emissions – May, Sunday 18th – 11.00/12.00 a.m.

A dialogue on the new European policies in order to face climate changes. Renewable sources, energy efficiency and energy market.

This event attended by:

- **Luigi Paganetto** (President of Enea)
- **Pia Saraceno** (Research on Economics and Finance)

This event chaired by:

- **Stefano Costantini** (Chief Editor of La Repubblica Bari)



1.4 Meetings with the expert/books presentation

On the pattern of other festivals, it is common opinion that it is fascinating, for a public of common and non-expert people, to have citizens meet with personalities of the world of science, politics and economy in places that are unconventional for technical and scientific conventions, such as cafes, restaurants, public facilities, show rooms and squares. These meetings will be held directly by an expert or chaired by a person who will act as a "filter" with the public.

Moreover, people at Festival dell'Energia will have the opportunity to meet some authors of recently published books on energy themes. It will be possible to listen to the authors' presentations and to discuss with them together with chairmen and journalists.

Experts invited to the Festival:

1. **Paolo Saraceno** (Physics and interplanetary space Institute)
Subject: An inhabitable planet – **Friday the 16th - 8.45/10.00 p.m.**
2. **Paul Crutzen** (Nobel Prize for Chemistry)
Subject: Antropocen – **Saturday 17th– 10.30/11.30 a.m.**
3. **Michael Lynch** (University of New York)
Subject: How long will energy last? Resources and reservoirs – **Saturday the 17th – 4.30/5.30 p.m.**
4. **Alessandro Clerici** (President of FAST)
Subject: The numbers of energy – **Saturday the 17th – 6.30/7.30 p.m.**
5. **Davide Tabarelli** (Nomisma Energia)
Subject: Renewable energy sources: What energy for Europe? – **Saturday the 17th – 6.30/7.30 p.m.**
6. **Zhores Ivanovich Alferov** (Nobel Prize for Physics)
Subject: What energy for the future? – **Saturday the 17th – 8.30/9.30 p.m.**
7. **Gennaro De Michele** (Enel Research Department Manager)
Subject: Visions and technology for energy – **Sunday the 18th – 11.00/12.30 a.m.**
8. **Angelo Moreno** (Italian National Agency for New Technologies, Energy and the Environment)
Subject: A hydrogen-driven future – **Sunday the 18th – 12.30/13.30 a.m.**
9. **Peter Atkins** (Oxford University)
Subject: What is energy (or Mankind and energy) – **Sunday the 18th – 12.30/13.30 a.m.**

Writer invited to the Festival

1. **Chicco Testa** (President of Rome2007) will discuss his book with **Maurizio Mannoni** (RAI3)



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- “Tornare al nucleare?” – Einaudi – **Friday 16th –6.30/7.30 p.m.**
2. **Pippo Ranci** (Istituto Universitario Europeo, Florence) presents the book written by Travis Bradford
“La rivelazione solare” – Francesco Brioschi – **Saturday 17th –11.30/12.30 a.m.**
3. **Leonardo Maugeri** (ENI) will discuss his book with **Stefano da Empoli** (Institute for Competitiveness)
“Con tutta l’energia possibile” – Sperling&Kupfer –**Saturday 17th –4.30/5.30 p.m.**



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OTHER INITIATIVES

Other initiatives featured in the conversation area:

Presentation of new books

During the Festival, new books on the subject of energy will be presented at bookstores of Lecce or at public places.

2. Experimentations

The content of exhibitions and laboratories, the information boards that will serve as the background of the entire event are designed with the purpose of providing a simple and direct information platform, aiming at highlighting figures, data, facts and demonstrations in support of the key concepts indicated at the beginning.

This thematic area includes three different types of events:

2.1 Scientific treasure hunt

2.2 Street laboratories

2.3 Interactive exhibition

2.1 Scientific treasure hunt

The goal is to get to know the energy sources that support our life as western citizens, good qualities and shortcomings of each fuel or energy vector, costs and development of renewable energies, as well as the history of technological development of energy procurement, approaching these subjects in a funny although rigorous way, by means of short experimental moments.

The target of the treasure hunt are children between 8 and 13 years of age, who will be able to participate in the experience with their schools or on an individual basis. Participants will be divided into 8 teams and go through 6–8 stages along a circuit in the vicinity of the square where the start and finish lines will be situated (the same square that will be the center of gravity of the entire Festival of Energy). The team will undergo an entry test at the beginning of each stage (answers to questions on the energy source after which the team is named) and then will proceed to the real test of the stage (a small relevant and meaningful experiment). If the test is passed the team is given a hint that leads to the discovery of the treasure. The treasure hunt will be replicated four times and therefore four different prizes provided by the sponsors of the fest can be won.

2.2 Street laboratories



Before and after the scientific treasure hunt, the eight stages of the circuit may very well work as a sort of “street” laboratory, a group of islands where the experiments on energy sources can also be proposed to adults and children who do not take part in the treasure hunt, while totems with panels of graphics (explanations on what goes on in that specific laboratory island) reiterate the message.

2.3 Interactive exhibition

In the square, or building, that will be the center of gravity of the Festival of Energy an interactive exhibition will be set up, a path composed of 5–6 multimedia exhibits on the subjects of energy, renewable sources, energy efficiency and relation between energy and climate changes. The exhibition is a small science center to involve the public (through a hands–on philosophy) in these subjects, encouraging personal involvement and participation. Each exhibit will be set so as to guarantee adequate visitor flows (60–70 people per hour) and will be managed by an explainer (scientific animator) adequately selected and trained.

The exhibits will cover the following thematic subjects:

- Renewable sources
- Conventional sources
- Energy efficiency
- Capture and storage of CO₂

The exhibits will include multimedia and interactive tools, videos, information boards, experts available for visitors, documents. For example:

- The balance of energy. This exhibit is composed of three parts where visitors are involved in experiments on energy saving, reduction of emissions of CO₂ and the results that can be obtained in everyday life.
- Inside energy (augmented reality). The purpose of this exhibit is to present the “back stage” of energy sources and technologies connected with renewable sources.
- Wise carpet. A 3x2 m carpet where slightly out–of–focus images are projected from above and whose form and color however attract visitors. Stepping on the image, visitors “select” the image (just like with the click of a mouse) and this image is brought into focus while on another screen (wall projection) the projection of a short documentary starts on how Italy procures gas, how it is used, or on gasifiers.
- Laboratory on CCS, Carbon Capture and Sequestration. In this laboratory, through animations, films and meetings with the experts INGV explains to the large public what exactly this particular process entails.

3. Emotions

This area includes three different types of events:

3.1 Film fest

3.2 Urban theater show

3.3 Interactive theater

3.1 Film fest



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The film fest will be organized by Festival Cinemambiente of Turin, a pioneer in the promotion of environmental festivals. Cinemambiente has grown throughout its various editions to the point that it has become the most important Italian event, organizing the festival as well as cinema events and thematic days also in other cities. Festival Cinemambiente coordinates the Environmental Film Festival Network, an association that groups together the most important international environmental festivals.

The film fest designed and organized for the Festival of Energy of Lecce will take place during the three days of the festival. The multiscreen theatre Massimo in Lecce has been proposed for the projection of films. Considering the poignancy of the subject, the films may very well provide an opportunity to investigate the problems connected with the state of health of our planet.

A few film titles selected for the festival are given below:

- A Crude Awakening – The Oil Crash (Switzerland, 2006, 85') Basil Gelpke, Ray McCormack
- La via del petrolio (Italy, 1967, 135') Bernardo Bertolucci
- Who Killed the Electric Car? (USA, 2006, 92') Chris Paine
- L'Italia non è un paese povero (Italy, 1960, 35mm, black&white, 110') Joris Ivens
- Il mio paese (Italy, 2006, color-b/w, 113') Daniele Vicari

The film fest will also be attended by a few guests, such as:

- Gaetano Capizzi, director of Cinemambiente,
- Stefano Missio, director and documentarist,
- Daniele Vicari, director of "Il mio paese"

Guests will participate in the debate following projection of the films.

3.2 Urban theater show

This is an urban theater event by Kitomb Project featuring a group of artists able to join together in their performance dance, light, music and words. A 3D show characterized by an innovative stage design with grandiose stage machines moving on three different stages, gigantic flying and luminous scenographies operated at 80 m above ground level and choreographies of acrobat dancers. The show will be presented in Piazza S. Oronzo Saturday night.

3.3 Interactive theater

This a series of shows of theater production "Energy/Utopia" of "Teatro della Biosphera" edited by Inteatro. In the theater action the energy subject is played with sculptures, objects and symbolic elements able to direct the attention on possible variables that concern each of us in relation to the community and our choices.

4. Interactions

A section of the Festival website will be dedicated to the presentation of the initiative, protagonists, schedules, places and sponsors. A "web events" section will be dedicated to surveys, inquiries, interviews, in-depth analyses, expert meetings etc. to have the Festival experienced all year round beyond the boundaries of the city of Lecce and the days of the event.



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LECCE

THE CAPITAL CITY OF BAROQUE

Geographic location

Lecce lies in the very heart of Salento, the southern area of Apulia.

HISTORY

According to the old legend, a city called *Sybar* existed at the time of the War of Troy, founded by the Messapii Italic tribe. Later it was occupied by the Iapyges and conquered by the Romans in the 3rd century BCE, receiving the new name of *Lupiae*. After the fall of the Western Roman Empire, Lecce was involved in the Gothic Wars, during which it was sacked by the Ostrogoth king Totila. After the Byzantine definitive conquest of 549, it remained part of the Eastern Empire for five centuries.

After the Norman conquest in the 11th century, Lecce regained commercial importance, flourishing under the subsequent Hohenstaufen and Angevine dominations. The County of Lecce was a fief of the Kingdom of Sicily from 1053–1463, when it was annexed directly to the crown. From the 15th century onwards Lecce increased its status of one of the most important cities of southern Italy, and, starting from 1630, it was enriched with precious Baroque monuments. The main danger were the Ottomans invasions, fought through a new line of walls and a castle built by King Charles V at the beginning of the 16th century.

In 1656 a plague outbreak killed thousand of Lecce's inhabitants.

MAIN SIGHTS

The most fascinating among the religious buildings is the Church of the Holy Cross (*Chiesa di Santa Croce*). It was begun in 1353, but works were soon halted until 1549, to be completed only in 1695. The church has a richly decorated façade with animals, grotesque figures and plants, and a large rose window. Next to the church there is the outstanding Government Palace, a former convent.

The Duomo (the Cathedral) is also one of the most important in Italy. It was originally built in 1144, and again in 1230. It was however magnificently restored in the years 1659–70 by Giuseppe Zimbalo, who also designed the 70 m-high bell tower. The latter has five floors and end with an octagonal loggia.

HIGHLIGHTS

- The Celestines' Convent (1549–1695), with Baroque decorations by Giuseppe Zimbalo. The courtyard was designed by Gabriele Riccardi.



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- The church of the Theatines (St. Irene, built from 1591)
- Santa Maria degli Angeli
- Santa Chiara (1429–1438), rebuilt in 1687
- The Roman Amphitheatre, built in the 2nd century and situated near Sant'Oronzo Square, was originally able to host more than 25,000 people. It is now half-buried because other important monuments were built above it over the centuries.
- The Sedile is a large building built in 1592 and used as a seat of the local council until 1852.
- The Castle of Charles V was built in 1539–49 by Gian Giacomo dell'Acaja. It has a trapezoidal plan with angular bastions. It is annexed to the Politeama Greco Opera House, inaugurated on November 15, 1884.

TRADITIONS

In the province of Lecce survives a unique religious ritual characterized by peculiar symbols, original magic-religious beliefs and a frenetic music. It is called Tarantism.

Tarantism is named after a spider, quite common in this area, the TARANTULA, usually safe, but according to the old legend, very dangerous. The tradition tells that its bite caused madness, today we could define it neurotic hysteria. The only way to avoid madness, the sensation of suffocation and even death was dancing: a haunting music caused in sick people convulsive rhythmical movements by which they shook the venom off.

This kind of music was later called "tarantata" or "pizzica tarantata". The latest interpretation of tarantism from a modern point of view can be found in the film "Pizzicata" by Edoardo Winspeare who drew his inspiration from atavistic traditions.

FOOD AND DRINKS

Typical Wines: Primitivo di Manduria,, Negroamaro, Malvasia.

Typical dishes: handmade fresh pasta (**orecchiette**, **sagne 'ncannulate**) with tomato sauce, **Pasticciotto**: sweet pastry filled with lemon cream. **Rustico**: salted pastry filled with mozzarella and tomato sauce.

After the first day, it's time for the events scheduled on Saturday, May 17

The first day of the Lecce Festival went off with a resounding success

Change the economic model based on energy production, greater democracy in terms of access to energy, more emphasis on nuclear energy, more research are the buzz words. A national energy plan is needed.

A resounding public and press success for the events of the first day of the Lecce Energy Festival. Very popular films, exhibitions and treasure hunt, great anticipation for the first Summit on the future energy market, moderated by Antonello Piroso and filmed by La7. A strong request for a national energy plan emerged from the summit, to be developed in agreement with the Regions.

Then the gathering at the Libreria Liberrima for the presentation of the book by Cristina Corazza, "La guerra del gas" (The gas war), with participation of Alfonso Pecoraro Scanio, and great excitement for the evening events: the film "Il Petroliere" (The Oil Tanker), a debate on the climate with Dario Voltolini and Bruno Carli, and the presentation of the book by Paolo Saraceno "Il caso terra" (The Earth affair).

Lecce, 17th of May

It is a more than positive balance that was achieved at the end of the first day of the Lecce Energy festival.

The first Summit, "What is the energy market of the future?", enjoyed large support from the public and press and has been filmed by La7 for an Omnibus WeekEnd episode dedicated to the exhibition.

The most widespread request that emerged from the Summit is that of a national energy plan. Stefano Saglia, among the guests at the first talks on energy at the Lecce Festival, committed himself to convince the Prime Minister Berlusconi to put energy at third priority on the Government agenda (what will be the first two?).

Nichi Vendola, President of the Puglia Region, challenged Berlusconi: Puglia has already given its contribution in terms of energy, but we are prepared to cover the entire territory with photovoltaic panels.

Alessandro Ortis, President of the Authority, spoke of the contributions system, making reference also to the report conducted by Sole24Ore on the contributions that weigh wallet: some are old contributions, something must be changed however the citizens need to know that they pay for research and development of technology that will allow a combination of progress and sustainability.

Rosa Filippini, President of "Amici per la Terra" (Friends of the Earth), maintains that the time of no ideology on the part of the environmentalists is finished once and for all: now is the time for strategy and the ability to plan and act.

Saturday morning of the Energy Festival dedicated to nuclear power

What has changed in the last 20 years? How do we talk about nuclear power now? What is the outlook? The Festival survey showed 60% in favour and 40% against.

A meeting between Roberto Poti from Edison and GiovanBattista Zorzoli to discuss the new prospects for nuclear power in Italy, the second energy Summit aimed at businesses, as well as the changes in this area in the dialogue between Maurizio Cumo, scientist, and Domenico De Masi, sociologist. Then the presentation of the book by Travis Bradford; "Solar Revolution". A widespread accusation was that since the energy problem mainly involves transport, lets stop criminalising the production of electrical energy.

Lecce, 17th of May

"Nuclear power is not the solution, but without it there is no solution": states Roberto Poti, Head of Development in Edison, speaking on the future of the atom in Italy. underlining that the future of energy lies with a mix of sources today, along with significant investment into solutions for tomorrow and constant attention paid to the environment, he states that all that without nuclear power does not make sense. Zorzoli replies that all the renewable sources are the same, however some are more equal than others, referring to photovoltaic resources. All at the second energy Summit, including Giacomo Berni from CGIL, Luca Valerio Camerano from Italcogim Energie, Paride De Masi from Italgest, Simone Mori from Enel, Massimo Orlandi from Sorgenia, Giuseppe Pasini from Federacciai, Umberto Quadrino from Edison, Luca Alippi from Eon and Massimo Serafini from Legambiente, agree that the energy problem not only implies the production of electrical energy, but also heavily involves the transport sector.

What are the solutions? With regards to hydrogen, research has not produced the necessary results for planning for its industrial use, whilst many questions remain unanswered with regards to nuclear power. Many are looking at the example of Finland where a consortium has just been formed that even includes the energy-hungry companies, who have committed to use nuclear energy produced by the consortium for the next ten years. The dialogue between Domenico De Masi and Maurizio Cumo is most enlightening: the risks, the waste, the lack of know-how developed in Italy in recent years are all misguided problems. Nuclear power stations today are secure, the problem of waste is ridiculous and can be easily solved with a few small sites in non-risk areas, the reserves are sufficient for around a thousand years. And as for know-how? We only have to turn to our pensioners, the former engineers that hold the key to the knowledge of what our Country experienced in the past. It is solely a cultural problem that can be easily overcome with accurate, scientific and practical information.

The environment, democracy and the climate: what are the solutions?

Optimism and responsibility are the buzz words that came out of the first Lecce Energy Festival. To allow the time needed for the energy revolution within the next 30 years. Almost ten thousand participants during the three days dedicated to energy.

The Lecce Energy Festival drew to a close with many ideas and much enthusiastic input from the speakers that followed one another Saturday afternoon and this morning. The focus was on the environment, the oil price, the actual energy reserves, the challenges of innovation and the role of politics and industry. There were almost 10,000 people attending the conference, shows, school initiatives and the performance with Kitonb Company in piazza Sant'Oronzo. In the words of the Lecce Lord Mayor himself, Paolo Perrone, the date has been set for 2009, here in Lecce, to continue a path that has only just begun.

The third and last energy summit at the Lecce Energy Festival, which was dedicated to the environment this year. Then a sequence of meetings and debates on renewable energy, nuclear fusion, hydrogen. Aside from facing the challenges of the future, it is also important to be able to look at the present: clean carbon, a more balanced selection of sources, energy saving, ambitious but tangible objectives.

Lecce, 18.05.08

It is impossible to portray here the richness and value of the motivations and provocations that emerged during the meetings at the Energy Festival. [However on the Festival Portal, www.festivaldellenergia.it](http://www.festivaldellenergia.it), there is a fabulous Live section with interviews, more insights and a photo album of the events. More communication, transparency and open debates between experts and citizens, between companies and the world of research, between politics and the market are the 'leit motif' that recurred in the various events. More clarification on the regulations is the main request and the task that came out from the protagonists in the event.

How much energy is left? For how long? What needs to be done now and in the future? One detail is patently clear: One of the most precious and certainly non-renewable resources is time. Time is needed to achieve realistic goals from the point of view of technological innovation in order to benefit more from solar energy, for producing hydrogen without wasting energy, for adopting fusion, for responding to the energy demand in a sustainable manner, a demand that is likely to double in the next 30 years. And in the meantime? Use the existing resources better. Focus on technology that is already available today in order to reduce the effects on the environment through the use of fossil fuels. Invest in research and promote the know-how in the Country. Therefore medium and long term goals are needed. The role of finance and the institutions must also be that of supporting this direction, without creating speculative bubbles, without waste (Italy is one of the countries with the highest incentives and the lowest efficiency in terms of renewable energy and energy saving, points out Pia Saraceno, Managing Director of REF) and with concrete time lines.

Speculation between the sources and price of crude oil, whose reserves, according to the leading expert Mike Lynch, is equal to all the oil consumed throughout history to date and is likely to come down sensibly in price. According to the IEA and Professor Pippo Ranci, oil and gas in 2030 will still represent 50% of the energy resources used (a calculation that includes not only the production of electrical energy, but all the energy used, also in transport).

Is nuclear energy the answer? Will renewable energy save us? Nuclear energy currently represents 5.5% of global energy (still based on the total energy consumed, not just on the electricity produced), whereas the new renewable sources (excluding hydro-electricity) represent 0.5%. It is these numbers that need to be discussed in

order to look to the future in a realistic and responsible manner. Carbon is likely to increase. Oil and gas are likely to remain at current usage levels for decades. This is the data to be used as a starting point for planning medium and long-term strategy. Use energy wisely. Global expert and university professor at Oxford, Peter Atkins, made a speech that highlighted the need for a complete change over the next 30 years in the current model based on the production and consumption of energy. He invites us to start work immediately in order to face up to this period in the most responsible manner possible, not only from an environmental point of view, but also economically and socially, as well as to prepare ourselves for the challenges involved in an historical revolution that will change the planet as we know it today.

For more information:

Festival dell'Energia press office

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