# ANUAL REPORT 2012



EMANI annual report 2012

Annual Report 2012 of the Board of Directors and of the Statutory Auditor to be presented at

the Annual General Meeting

on 28th June 2013

Company authorised by Royal Decrees of 20.10.1978 and 07.12.1999 To underwrite "Fire and Natural Hazards" "Other Property Damage" and "Liability" (Moniteur Belge 14.11.1978 - 29.12.1999 Code 0921) Registered Office: Av. Jules Bordet, 166 - B 4 B 1140 Brussels Belgium Tel. +32 (0)2 702 90 10

Fax. +32 (0)2 705 72 92

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In euro	years e	ended Decem	ber 31
Statement of Earnings	2012	2011	2010
Net premium earned	24.884.212	25.115.821	23.959.107
Claims	-13.900.142	-14.737.044	3.157.056
Expenses	-2.931.346	-3.005.782	-3.163.109
Other income	9.910	75.803	83.596
Net investment result	16.312.444	1.587.603	2.595.356
Earnings before distribution to reserve for equalisation and catastrophies Earnings after distribution to reserve for equalisation and	24.375.075	9.036.401	26.632.007
catastrophies	16.312.444	1.587.603	2.595.356
Balance Sheet			
Assets	235.522.370	205.142.493	187.491.585
Liabilities	58.430.953	52.635.731	44.5 <mark>27.766</mark>
Guarantee fund (including reserve for equalisation and catastrophies )	177.091.415	152.506.762	142.963.819

# **Financial Highlights**

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#### **Members**

Advanced Nuclear Fuels Gmbh AREVA NC AREVA NP Inc. Axpo Power AG Axpo Trading AG Belgoprocess NV BKW FMB Energie SA British Energy Limited Bruce Power L.P. CEZ a.s. Centrales Nucléaires en Participation SA EDF Elektriciteits-Productiemaatschappij Zuid-Nederland NV EPZ EnBW Kraftwerke AG EnBW Kernkraft GmBH (GKW Neckar GmbH) ENEL \* Energie Future Holdings Corp. E.ON Kernkraft GmbH E.ON Sverige AB Eskom Holdings Ltd Eurodif Production SA European Commission - JRC - Geel Site European Commission - JRC - Ispra Site European Commission - JRC - Karlsruhe Site European Commission - JRC - Petten Site FBFC FBFC International SA Forsmarks Kraftgrupp AB Fortum Power & Heat Oy Gemeenschappelijke Kernenergiecentrale Nederland BV Gemeinschaftskernkraftwerk Grohnde GmbH GNS Gesellschaft für Nuklear-Service mbH Indiana Michigan Power Co. \* Kernkraftwerk Gösgen-Däniken AG Kernkraftwerk Leibstadt AG (KKL) Kernkraftwerk Lippe-Ems GmbH Kernkrafwerk Obrigheim GmbH New Brunswick Power Nuclear Corporation OKG Aktiebolag Ontario Power Generation Paks Nuclear Power Plant Ltd Ringhals AB RWE Power AG SCK-CEN Slovenske Elektrarne AS Socatri SARL Societatea Nationala Nuclearelectrica SA Studsvik AB SVAFO AB Svensk Kärnbränslehantering AB Teollisuuden Voima Oyj Urenco Ltd. Vattenfall Europe Nuclear Energy GmbH (HEW AG) Zwischenlager Würenlingen AG (ZWILAG)

\* Non Insured Members



20.00

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#### **Member Representatives**

Μ	em	ber

#### Representative Substitute

F. Siniscalchi

P. Daurès

C. Sidford

J. Ortman

#### **Belgium**

Belgoprocess NV European Commission - JRC - Geel Site FBFC International SA SCK-CEN

Canada

Bruce Power L.P. New Brunswick Power Nuclear Corporation **Ontario Power Generation** 

**Czech Republic** CEZ a.s.

**Finland** 

France AREVA NC

EDF

FBFC

Fortum Power & Heat Oy Teollisuuden Voima Oyj

M. Kautonen M. Huopalainen K. Luotonen P. Hyvönen

Ph. Obert J.D. Treillard J.L. Thébault Y. Colleu Eurodif Production SA R. Jimenez-Shaw M. Saléra-Cordier J.D. Treillard P. Daurès M. Saléra-Cordier R. Jimenez-Shaw

A. Roefs

J.P. Michel

C. Legrain

K. Kelly

A. Slipp

J. Floras

V. Hronek

M. Van den Eynde

#### Germany

Socatri SARL

Advanced Nuclear Fuels GmbH	W. Fehnker
EnBW Kraftwerke AG	C.D. Bölle
EnBW Kernkraft GmBH (GKW Neckar GmbH)	C.D. Bölle
E.ON Kernkraft GmbH	K. Greimel
European Commission - JRC - Karlsruhe Site	J.P. Michel
Gemeinschaftskernkraftwerk Grohnde GmbH	K. Greimel
GNS Gesellschaft für Nuklear-Service mbH	H. Näser
Kernkraftwerk Lippe-Ems GmbH	J. Haaf
Kernkraftwerk Obrigheim GmbH	C.D. Bölle
RWE Power AG	J. Haaf
/attenfall Europe Nuclear Energy Gmbh (HEW)	B. Kockum

A. Stoll R. Ludäscher W. Seewöster F. Siniscalchi W. Seewöster J. Grundmann R. Lüdascher J. Grundmann

M. Reissner

\* Non Insured Members

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# Member Representatives

	Member	Representative	Substitute
	Hungary		
1	Paks Nuclear Power Plant Ltd	C. Szinger	
	Italy		
	European Commission - JRC - ISPRA Site	J.P. Michel	F. Siniscalchi
4	ENEL*	G. Frea	R. Melandri
	The Netherlands		
	Elektriciteits-Productiemaatschappij Zuid Nederland NV EPZ	B.P. Jobse	
	Gemeenschappelijke Kernenergiecentrale Nederland BV	G.J.G. Geertsema	
	European Commisson - JRC - Petten Site	J.P. Michel	F. Siniscalchi
	Romania		
	Societatea Nationale Nuclearelectrica SA	P. Budulan	A. Havris
	Slovak Republic		
	Slovenske Elektrarne AS	M. Ivanova	R. Melandri
	South Africa		
1. 1	Eskom Holdings Ltd	K. Darbourn	M. Molelekoa
635 1	Sweden		
12	E.ON Sverige AB	B. Svensson	
-	Forsmarks Kraftgrupp AB	B. Kockum	K. Block
28	OKG Aktiebolag	R. Danielsson	
1.0	Ringhals AB	B. Kockum	O. Fröberg
	Studsvik AB	R. Atmer	J. Ericsson
2.21	SVAFO AB	S. Ordéus	
	Svensk Kärnbränslehantering AB	A. Ingman	B. Sundman

\* Non Insured Member

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# **Member Representatives**

Member	Representative	Substitute
Switzerland		
Axpo Power AG	T. Erb	
Axpo Trading AG	T. Erb	
BKW FMB Energie SA	U. Bircher	M. Mooser
Centrales Nucléaires en Participation SA	D. Berger	C. Vésiller
Kernkraftwerk Gösgen Däniken AG	S. Bähler	D. Berger
Kernkraftwerk Leibstadt AG (KKL)	T. Erb	
Zwischenlager Würenlingen AG (ZWILAG)	T. Erb	
United Kingdom		
British Energy Limited	A. Russell	K. Sinclair
Urenco Ltd.	D. Slater	
USA		
AREVA NP Inc	Ph. Obert	L. Harris
Energy Future Holdings Corp.	R. Moussaid	K. Rogers
Indiana Michigan Power Co.*	S.T Haynes	R.L. Martin

\* Non Insured Member



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#### **Board of Directors**

Berndt Kockum Chairman

Klaus Greimel Vice-Chairman

Alastair Russell Vice-Chairman

Urs Bircher

Claus-Dieter Bölle

Alisdair Currie Executive Committee

Matts Ekman External Director

Nick Feldman External Director

Bram-Paul Jobse

Riccardo Melandri

Philippe Obert

Colleen Sidford

Branislav Strycek

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Danny Vanwelkenhuyzen Executive Committee

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# **Advisory Committees**

## **Underwriting Committee**

Kathleen	Sinclair	Chairman
Ivan	Annezer	
Yvon	Colleu	
Alisdair	Currie	
André	Detemmerman	
Thomas	Erb	
Nick	Feldman	
Alexandru	Havris	
Paavo	Hyvönen	
Berndt	Kockum	
Stefan	Kurz	
Riccardo	Melandri	
Philippe	Obert	
Franck	Orset	
Danny	Vanwelkenhuyzen	

## **Finance and Investment Advisory Committee**

Matts	Ekman	Chairman
Rafaël	Jimenez-Shaw	
Kevin	Kelly	
Klaus	Luotonen	
Bénédicte	Rifaï	
Alastair	Russell	
Marleen	Vercammen	

#### **Audit Committee**

Matts	Ekman
Bram-Paul	Jobse
Alastair	Russell

Chairman



#### Staff

Danny Vanwelkenhuyzen Managing Director Executive Committee

Alisdair Currie Underwriter & Claims Manager Executive Committee

André Detemmerman Senior Underwriter

Rachida Zahmidi Assistant Underwriting

Eric Desseyn Senior Loss Control Manager

Ivan Annezer Loss Control Manager

Franck Orset Loss Prevention Engineer

Marleen Vercammen Financial Manager

Véronique Durieux Accountant

Solange Raë Assistant accounting

Ann Geivaerts Corporate Organisation & Legal Manager

Tom Houben Corporate Operations Assistant

Cathy Mortelmans PA Managing Director & Board

#### **Auditors**

Deloitte Berkenlaan 8b B-1831 Diegem Represented by Mr. Yves Dehogne Réviseur d'Entreprise

#### Actuary

Nicolaï & Partners Duboisstraat 43 B-2060 Antwerpen

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#### Letter from the Chairman

#### **Dear EMANI members**

I am delighted to present the Annual Report of 2012, which is our 34th year of operation and our 13th year with our own management.

Our insurance business continued according to plan and we even attracted new members, this time from the United States of America.

Total assets of our association developed very positively during last year, which to the large extent is due to the good results in the investment income. This high return is not expected for next year.

The premium income is growing and claims expenses are under control. The expenses of the mutual are in line with our budget and a strict cost control system is in place.

The solvency of the mutual has been considered to remain strong and we are closely following the regulation on Solvency II requirements. We value the ongoing support from our various teams within the mutual, Underwriting and claims, Finance and Investment, Loss Control and Legal and Corporate affairs.

The year 2013 will be a special year as we will have 35 years of operation and we feel this needs special attention for as well our members, supportive re-insurers, anybody who is doing business with EMANI or who is providing services to the Mutual.

I wish again to remind all members that EMANI is your mutual and what is good for EMANI is good for the Members.

I like to thank my fellow board members for their ongoing support in the mutual.

Berndt Kockum Chairman of the Board

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#### **Description of activities**

EMANI is a Mutual insurance Association which offers cover for a wide range of insurance risks relating to nuclear power stations and other companies in the nuclear industry. At present, EMANI covers in excess of 100 nuclear sites for it's Members in Belgium, Canada, Czech Republic, Finland, France, Germany, Hungary, Italy, Rumania, The Netherlands, The Slovak Republic, South-Africa, Sweden, Switzerland, United Kingdom and USA.

The capacity provided by EMANI is independent of that provided by the various nuclear pools.

The main benefits to Members of EMANI include:

Additional or alternative insurance capacity for material damage, business interruption, machinery breakdown, terror and erection all risk covers.

Potential for contribution savings.

Potential for distribution of guarantee fund.

Loss control and engineering evaluations.

Information exchange and data centre for nuclear insurance matters.

#### **Underwriting & Claims Handling**

EMANI's current portfolio is principally based on property damage cover, but our underwriting team is always looking for new ways to support the needs of our Members. Recent products include cover for Decommissioning risks and NCBR Terrorism attacks.

Increasingly EMANI acts as a leading underwriter bringing the advantages of a comprehensive insurance cover and competitive pricing to the Members. If requested to do so by a Member, EMANI can also act as a coinsurer in partnership with the national insurance pools or another insurer.

In the event of a claim where EMANI acts as leading underwriter, the loss settlement shall be done in cooperation with an independent loss adjuster. In cases where EMANI acts as a coinsurer, EMANI will generally follow the recommendations and assessment made by the loss adjuster appointed by the lead underwriter, however in certain cases, the Management will decide whether EMANI should appoint independent adjusters or additional expert advice.

Article 26 of the Articles of Association provides for additional contributions from Members if required to meet claims.

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#### Reinsurance

EMANI purchases reinsurance cover to supplement capacity and to spread risk as the Board deems appropriate.

#### **Management Structure**

EMANI is a mutual Association constituted in Brussels under Belgian law and authorised by Royal Decree on 20th October 1978.(MB 14/11/1978)

The strategic management of the Association is the responsibility of the Board of Directors which, with the exception of those powers expressly reserved for the General Meeting, has full managerial authority.

The administration, underwriting, claims handling and day to day management of the Association is the responsibility of the Managing Director together with the Executive Committee.

#### Membership

Only companies or authorities in the private or public sector of operating / controlling / owning nuclear installations or their representatives can be Members of the Association.

Election of a new Member shall be submitted to the Board of Directors and shall become effective upon approval by the General Meeting.

A new Member shall underwrite at least one insurance policy with the Association and shall unconditionally accept the Articles of Association.

#### **Loss Control Services**

The EMANI loss control engineers , assisted by the Technical Advisory Committee (which is drawn from senior engineering staff from the EMANI Members utilities), have the ability to identify the potential for losses to occur at the Members' property and to control such losses through risk detection and a preventative program.

The loss control services provide the Members with detailed reports, customized for the risk involved and in conjunction with the Underwriting team a thorough assessment of each Member's assets is established.

Based on the on-site evaluation, a comprehensive list of suggestions and recommendations is drawn up with a view to improve safety and to prevent or mitigate losses. The reports also assist the Members' management to quantify and develop appropriate measures to minimise their level of risk.

The loss control services make an invaluable contribution to the EMANI underwriting process.



#### **Report of the Board of Directors to be presented to the Annual General Meeting of 28 June 2013**

#### Dear Member,

At the close of the 34th financial year, we are pleased to report to you on the business of your Mutual Association and to set out below the balance sheet and the income statements for the year ended 31 December 2012.

The Board of Directors of the association is responsible for all information contained in the financial statements and other sections of the annual report. The Board considers that the financial statements and related information have been prepared in accordance with generally accepted Belgian accounting principles. These financial statements include amounts that are based on Board's judgment and best estimates.

The Mutual Association maintains a system of internal accounting controls to provide reasonable assurance that assets are safeguarded against loss from unauthorized use of disposal and that the accounting records provide a reliable basis for the preparation of financial statements.

Deloitte has been engaged, with the approval of Members, as the independent auditors to audit the financial statements and to express their opinion thereon. Their opinion is based on procedures considered by them to be sufficient to provide reasonable assurance that the financial statements present fairly, in all material respects, the financial position, cash flows and results of operations. Their report is joined with the annual accounts.

#### Capacity

The insurance capacity for Material Damage in 2012 was € 625.000.000 and increased from € 600.000.000 last year. The insurance capacity for Terrorism cover in 2012 has increased to € 625.000.000 versus € 600.000.000 last year's capacity.

The own retention 2012 was limited to € 220.995.380 for Material Damage insurance policies and to € 221.999.900 for Terrorism insurance policies and this compared to € 171.652.635 and € 217.833.258 for previous year.

#### Contributions

Contributions written and reinsurance premiums ceded are reflected in earnings on a pro-rata basis over the term of each policy. Unearned contributions represent the portion of contributions written which are applicable to the non-expired terms of the policies in force.

Net contributions increased from  $\in$  46.474.121 in 2011 to  $\in$  48.605.286 in 2012. This growth can be attributed to increased shares ceded to the mutual association from certain Members which more than compensated reductions in contributions due to site closures and the ongoing reductions in business interruption exposures.

Reinsurance cost increased from  $\in$  22.259.061 in 2011 to  $\in$  24.220.812 in 2012. This increase can be attributed to a significant restructuring of one Members insurance program, bringing in their captive insurance company to protect our primary liabilities.

For the purpose of the following calculations, contribution is defined as original contribution less rebate.

The amounts of members rebate released back to the members of  $\in$  457.179 net of reinsurance was lower than the original technical reserve established of  $\in$  956.917. This resulted in a gain of  $\in$ 499.738 in 2012 versus a gain of  $\in$  900.761 in 2011.

At 31 December 2012 an outstanding gross reserve of  $\in$  132.464 remains of which the reinsurers share is  $\in$  11.146. This compares to amounts of  $\in$  1.179.359 and  $\in$  101.124 in 2011. This final release of these reserves to the members is due in 2013.

#### **General expenses**

General expenses decreased from  $\notin$  3.005.782 in 2011 to  $\notin$  2.931.346 or 2% in 2012 mainly due to a decrease in HR costs of 8% and acquisition costs of 1%. Expenses related to insurance taxes payable by the insurer increased by 3% together and professional fees to lawyers, reinsurance brokers and recruitment agencies increased by 4%

#### Claims

Provisions are made for the estimated cost of incurred losses on the basis of management estimates, based where appropriate on information from the members, their brokers, nuclear pools, claims adjusters, independent consultants and other relevant sources.

The total claim cost net of reinsurance for 2012 is  $\in$  13.900.142 and include  $\in$  8.647.297 actual payments of which  $\in$  43.810 are in relation to losses occurred in 2012 and  $\in$  5.252.845 adjustments to reserves of which  $\in$  11.342.126 is related to losses occurred in financial year 2012.

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## Investments

The total book value of the investments increased from  $\in$  178.804.984 in 2011 to  $\in$  208.386.104 in 2012.

The investment strategy of 30% long term corporate bonds and 70% liquidities has changed in stages to 70% long term corporate bonds and 30% liquidities resulting in a financial income of € 16.312.444.

Book value and estimated fair market valute of investments as at 31 December 2012.

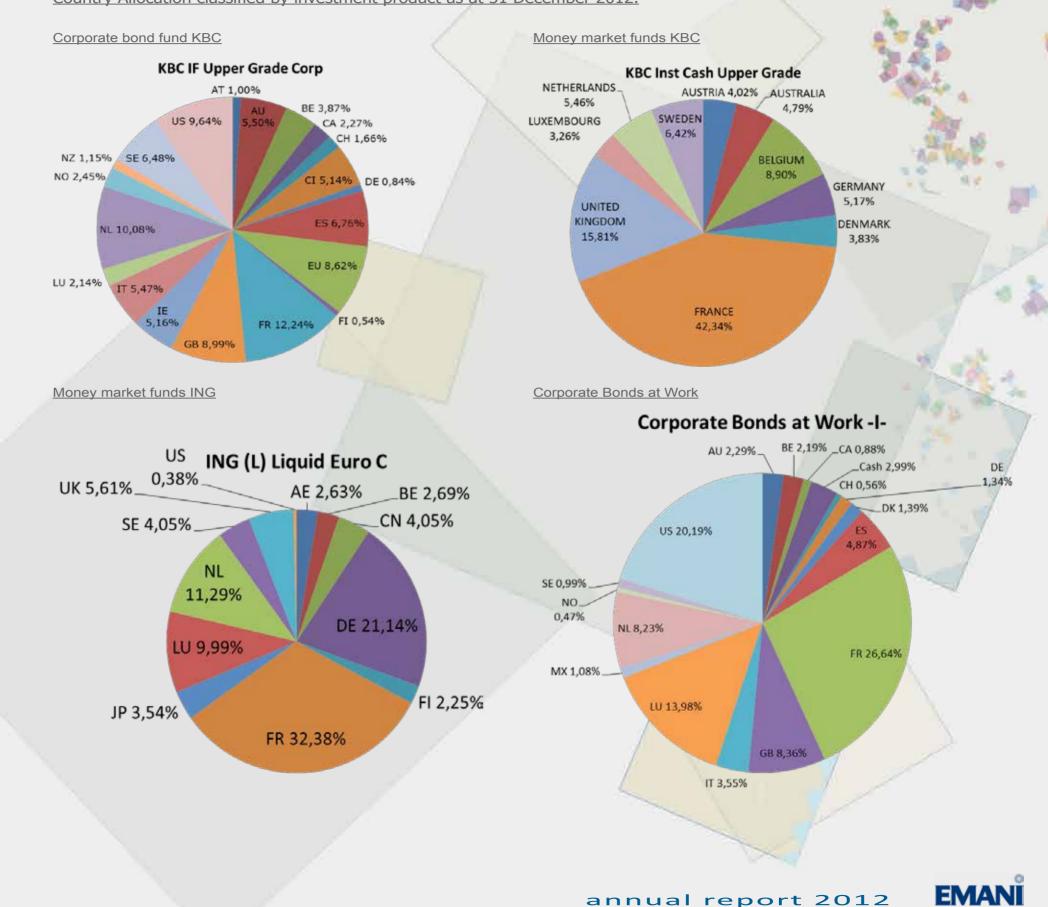
Euro	Book value	Unrealized capital gains/(losses)	Market value
Shares	0	0	0
Government bonds	0	0	0
Corporate bonds	0	0	0
Money Market investment funds	36.618.032	1.036	36.619.068
Corporate bond investment fund	140.374.690	746,296	141.120.986
Deposits and cash	31.393.382	0	31.393.382
Total	208.386.104	747.332	209.133.436

Credit rating and maturity classified by investment product as at 31 December 2012.

Euro	Credit ratings	Duration
KBC IF Upper Grade Corp Bond fund	AAA 17,71% • AA+ 4,88% • AA- 32,04% • AA 12,03% • A+ 13,28% • A- 5,1% • A 7% • NR 7,96%	6,34 year
Corporate bonds at work	AAA 0,89% • AA+ 0,88% • AA 1,57% • AA- 2,15% • A+ 9,53% • A 13,03% • A- 9,56% • BBB+ 12,47% • BBB 24,2% • BBB- 4,26% • BB+ 10,5% • BB 2,85% • BB- 1,04% • Cash 3,85% • NR 3,25%	5.21 year
ING Liquid (MM fund)	AAA rated fund	0,098 year
KBC inst.Cash (MM fund)	AAA rated fund	0,15 year
Deposits and cash	A+	0,01 year

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Country Allocation classified by investment product as at 31 December 2012.

#### **Net Investment Income**

Euro	2012	2011
Gains/(losses)	16.037.043	1.308.460
Interests and dividend securities	0	0
Interests term deposits	135.274	167.671
Interests cash and cash equivalents	37.472	55.416
Adjustments to investment values	140.151	93.425
Withholding taxes	-37.496	-37.369
Net investment income	16.312.444	1.587.603

#### Result

The  $\in$  24.375.075 surplus for 2012 compares with  $\in$  9.036.401 surplus in 2011 (before allocation to reserve for equalization and catastrophes). This result is due to the good financial income in 2012.

The technical surplus for 2012 of  $\in$  8.062.631 is allocated to the reserve for equalization and catastrophes following the rules of the Belgian insurance regulator National Bank of Belgium (formerly CBFA).

The Board of Directors recommends to the Annual General Meeting that the financial surplus of € 16.312.444 be allocated to the guarantee fund.

#### **Guarantee Fund**

The guarantee fund plus the reserve for equalization now available to the members to be used as insurance capacity amounts to  $\in$  177.091.415.

At year end the gross reserve for withheld members rebate amounts to € 132.464 and will be released in 2013.

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Berndt Kockum Chairman of the Board

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#### **Corporate Governance Report**

To ensure the appropriate level of corporate governance, the Board has put in place arrangements which it believes are suitable for a Mutual carrying on insurance business and enable the mutual to comply with the Royal Decree of 12 August 1994, the NBB (formerly CBFA) communications D171 + D172 and the Circular PPB-2007-6-CPB-CPA.

All the principles are written in the document "Memorandum of good governance". In addition the Executive committee presents annually to the Board the Report on internal control.

The relevant principles of governance are applied to the Mutual in the following way :

#### **The Board**

There are currently thirteen Board members, including the Chairman and the Vice-Chairmen, nine of them are representing the nuclear Members, two external directors and two members of the Executive Committee.

All of the Board members are nominated by the Annual General Meeting for a three-year period and eligible for re-appointment.

The Board meets four times a year and at other times as may be necessary.

#### **Board committees**

The Board has a schedule of matters that it reserves for itself. These matters cover approval of accounts, significant changes to accounting policies, changes to the membership of the Board and its Committees, recommendations of the strategy to be applied to the Members of the association, approval of the annual operating budget.

In addition, the Board has appointed four standing Committees. These Committees report to the Board at each of their meetings. The terms of reference for the Executive Committee, Audit Committee, Finance and Investment Advisory Committee and Underwriting Committee, which are reviewed annually, have been agreed by the Members and the Board. The nomination of Members within these Committees must be approved by the Board.

#### **Board and committee papers**

Appropriate and timely management information is circulated to Directors and Committee members in good time before the meetings.

#### **Annual General Meeting**

The sections of the Articles of Association relating to the Annual General Meeting have been complied with.

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#### **Internal control**

The Board is ultimately responsible for the Mutual's sytem of internal control and for reviewing its effectiveness. However, such a system is designed to manage, rather than eliminate, the risk of failure to achieve business objectives, and can provide only reasonable and not absolute assurance against material misstatements or loss.

#### **Control procedures**

The Mutual have implemented control procedures designed to ensure complete and accurate accounting for financial transactions and to limit the potential exposure to loss of assets or fraud. Measures taken include reviews by management as well as internal and external audits.

#### **Risk identification**

The Executive Committee is responsible for the identification and evaluation of the risks underwritten. These risks are assessed on a continual basis and may be associated with a variety of internal and external sources including EMANI's own loss control service and regulatory requirements and/or authorities.

#### Monitoring and corrective actions

The Mutual has produced an Internal procedures manual, which provides practical guidance for all staff.

The internal auditor reports to the Audit Committee on the effectiveness of the procedures.

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#### Statutory Auditor's Report to the shareholders' meeting on the annual accounts for the year ended 31 December 2012

The original text of these accounts and report is in French

To the Members

As required by law and the Mutual Association's articles of association, we report to you on the performance of our mandate of statutory auditor. This report includes our report on the annual accounts as defined below together with our report on other legal and regulatory requirements.

#### **Report on the annual accounts - Unqualified opinion**

We have audited the annual accounts of E.M.A.N.I. (a mutual insurance association) ("the company") for the year ended 31 December 2012, prepared in accordance with the financial reporting framework applicable in Belgium, which show total assets of 235.522 (000) EUR and a profit for the year of 16.312 (000) EUR.

#### Responsibility of the board of directors for the preparation of the annual accounts

The board of directors of the Mutual Association is responsible for the preparation and fair presentation of annual accounts in accordance with the financial reporting framework applicable in Belgium, and for such internal control as the board of directors determines is necessary to enable the preparation of annual accounts that are free from material misstatement, whether due to fraud or error.

#### Statutory auditor's responsibility

Our responsibility is to express an opinion on these annual accounts based on our audit. We conducted our audit in accordance with International Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the annual accounts are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the annual accounts. The procedures selected depend on the statutory auditor's judgement, including the assessment of the risks of material misstatement of the annual accounts, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Mutual Association's preparation and fair presentation of the annual accounts in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Mutual Association's internal control. An audit also includes evaluating the appropriateness of accounting policies used and reasonableness of accounting estimates made by the board of directors, as well as evaluating the overall presentation of the annual accounts. We have obtained from the Mutual Association's officials and the board of directors the explanations and information necessary for performing our audit.

We believez that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### Unqualified opinion

In our opinion, the annual accounts of E.M.A.N.I. (a mutual insurance association) give a true and fair view of the Mutual Association's net equity and financial position as of 31 December 2012 and of its financial performance for the year then ended, in accordance with the financial reporting framework applicable in Belgium.

#### Report on other legal and regulatory requirements

The board of directors is responsible for the preparation and the content of the directors' report on the annual accounts, for maintaining the Mutual Association's accounting records in compliance with the legal and regulatory requirements applicable in Belgium and for the company's compliance with the Companies Code and the Mutual Association's articles of association.

In the framework of our mandate, our responsibility is to verify, for all significant aspects, the compliance with some legal and regulatory requirements. On this basis, we provide the following additional comments which do not modify the scope of our opinion on the annual accounts:

- The directors' report includes the information required by law, is, for all significant aspects, in agreement with the annual accounts and is not in obvious contradiction with any information obtained in the performance of our mandate,
- Without prejudice to certain formal aspects of minor importance, the accounting records are maintained in accordance with the legal and regulatory requirements applicable in Belgium.
- The appropriation of the results proposed to the general meeting is in accordance with the requirements of the law and the Mutual Association's articles of association.
- No transactions have been undertaken or decisions taken in violation of the Mutual Association's articles of association or the Companies Code such as we would be obliged to report to you.

Diegem, 25 March 2013 The Statutory Auditor

**Deloitte Bedijfsrevisoren / Reviseurs d'Entreprises** BV o.v.v.e. CVBA / SC s.f.d SCRL Represented by Yves Dehogne

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# Balance sheet as of 31 December 2012 & 2011 (Currency – Euro)

Assets	31/12/2012	31/12/2011	
C. Investments			
III. Other financial investments			
1. Parts in investment funds	176.922.722	159.051.252	
6. Term deposits with financial institutions	12.333.070	15.439.183	
	189.325.792	174.490.435	
D.bis Part of reinsurers in the technical	$\wedge$		
reserves			
I. Reserve for non-earned premiums and current risks	4.332.557	3.873.876	
III. Reserve for claims receivable	18.555.029	18.385.439	
IV. Reserve for profit sharing and refunds	11.146	101.124	
	22.898.732	22.360.439	
E. Receivables			
I. Receivables resulting from direct insurance			
1. Insurers	586.018	745.423	
2. Intermediaries of insurers	1.917.434	668.492	
II. Receivables resulting from reinsurance	1.334.712	1.812.693	
III. Other receivables	82.450	264.866	
	3.920.615	3.491.475	
F. Other assets			
I. Tangible assets	206.785	201.445	
II. Liquidities	19.060.312	4.314.549	
	19.267.096	4.515.994	
G. Transitory accounts			
498 -		$\sim$	
I. Interests and rent	110.134	284.151	
- A C A			
Total assets	235.522.370	205.142.493	
Total about			

The accompanying notes are an integral part of these balance sheets.

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# Balance sheet as of 31 December 2012 & 2011 (Currency – Euro)

		1	
iabilities	31/12/2012	31/12/2011	
Faults			
. Equity		$\sim$	
<ol> <li>Subscribed capital or equivalent fund, net of uncalled capital</li> </ol>			
1. Guarantee fund securities	84.533.377	68.011.355	
	84.533.377	68.011.355	
. Technical reserves			
Deserve for uncorrect promiums and for uncorriged risks	10.856.108	9.512.128	
. Reserve for unearned premiums and for unexpired risks	43.731.360	38.308.925	
II. Reserve for claims payable V. Reserve for profit sharing and refunds	132.464	1.179.359	
	92.558.038	84.495.407	
V. Reserve for equalisation and catastrophies	147.277.971	133.495.819	
	147.277.971	133.495.619	
i. Payables			
. Payables resulting from direct insurance business	963.746	<mark>2</mark> .268.494	
I. Payables resulting from reinsurance business	2.322.248	907.380	
V. Other payables			
1. Fiscal and social payables			
a) Taxes	1.082	0	
b) Social Payables	237.273	249.791	
2. Other	51.778	74.547	
4	3.576.127	3.500.211	
Transitony accounts	134.895	135.109	
I. Transitory accounts	134.095	135.109	
	134.895	135.109	
			X
Total Liabilities	235.522.370	205.142.493	

The accompanying notes are an integral part of these balance sheets.

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## Income statement as of 31 December 2012 & 2011

(Currency – Euro)

31/12/2012 31/12/2011

of reinsurance (increase +, decrease -)		
bb) variation of the reserve for claims part	169.590	1.033.241
aa) variation of the reserve for claims gross of reinsurance (increase -, decrease +)	-5.422.435	-8.157.881
net of reinsurance (increase -, decrease +)	-5.252.045	-7.124.035
b) Variation of the claims services reserve,	-5.252.845	-7.124.639
bb) part of reinsurers	5.750.544	9.962.280
aa) gross amount	-14.397.841	-17.574.684
a) Net amount paid	-8.647.297	-7.612.405
Cost of claims, net of reinsurance (-)		
	9.910	75.803
Other technical income net of reinsurance	9.910	75.803
	16.381.270	1.857.580
d) Realised capital gains	16.068.372	1.541.069
c) Write-back of adjustments on investments	140.151	93.425
b) Income from other investments.	172.747	223.087
sis. Investment income		
	24.384.474	24.215.060
<ul> <li>d) Variation of the reserve for unearned premiums and unexpired risks, reinsurers part (increase +, decrease-)</li> </ul>	458.681	857.943
c) Variation of the reserve for unearned premiums and unexpired risks, gross of reinsurance (increase -, decrease +)	-1.343.980	-471.052
b) Reinsurance premiums	-24.679.493	-23.117.005
- Rebates to Members	50.247.324 -298.059	47.883.240 -938.067
a) Gross premiums - Premiums written	49.949.266	46.945.174

The accompanying notes are an integral part of these income statements.

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# Income statement as of 31 December 2012 & 2011

(Currency – Euro)

#### 31/12/2012 31/12/2011

6. Cost of refund of contribution, net of reinsurance(-)			
a) Net amout paid	-457.179	-999.256	
b) Variation of the refunds reserve, net of rein-	956.917	1.900.017	
surance (increase,decrease.+)			
	499.738	900.761	
7 Not constitute construction			
7. Net operating expenses (-)			
a) Acquisition expenses	-244.562	-275.253	
b) Administrative expenses	-2. <mark>686.784</mark>	-2.730.530	
	- <mark>2.931.346</mark>	-3.005.782	
7.bis Expenses relating to investments (-)			
a) Expenses for managing Investments	-37,496	-37.369	
c) Realised less values	-31.330	-232.609	
	-68.826	-269.977	
Surplus / (Deficit) of the period before variation			
reserve for equalisation and catastrophies	24.375.075	9.036.401	
<ol> <li>Variation in the reserve for equalisation and catastrophies, net of reinsurance</li> </ol>	-8.062.631	-7.448.799	
	0.002.001	1.110.100	
Surplus / (Deficit) of the period available for			
distribution	16.312.444	1.587.603	

The accompanying notes are an integral part of these income statements.

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#### Notes to the financial statements as of 31 December 2012 & 2011

(Currency – Euro)

#### **1.** Activity of the Association and summary of the main accounting principles

The purpose of the Mutual Association is to indemnify those of its insured members that have suffered property and/or business interruption damage to their nuclear installations and/or contents thereof. In certain cases the Mutual Association also insures non-nuclear risks.

During the year the total insurance capacity of E.M.A.N.I. was 625.000.000 EUR of which:

- 16% of the first 5.000.000 EUR is reinsured by way of "quota share" contracts;
- 25,9975% of the following 95.000.000 EUR, in excess of 5.000.000 EUR, is reinsured by way of "quota share" contracts;
- 74,0955% of 440.000.000 EUR in excess of 100.000.000 EUR is reinsured by way of "excess of loss" contracts and 9,9975% is reinsured by way of "quota share" contracts;
- 9,9975% of 85.000.000 EUR in excess of 540.000.000 EUR is reinsured by way of "quota share" contracts.

The risk for E.M.A.N.I. is thus limited to 220.995 KEUR during the year 2012.

During the year 2012 the total insurance capacity of E.M.A.N.I. for terrorism is 625.000.000 EUR of which:

- 16% of 100.000.000 EUR is reinsured by way of "quota share" contracts;
- 74,1026% of 260.000.000 EUR in excess of 100.000.000 EUR is reinsured by way of "excess of loss" contracts;
- 73,5461% of 235.000.000 EUR in excess of 360.000.000 EUR is reinsured by way of "excess of loss" contracts;
- 71,667% of 30.000.000 EUR in excess of 595.000.000 EUR is reinsured by way of "excess of loss" contracts.

The risk for E.M.A.N.I. for terrorism is thus limited to 222.000 KEUR during the year 2012.

The accounting principles of E.M.A.N.I. can be summarized as follows:

a) Overview of the amortization rates applied Other assets-tangible fixed assets Installations, electronic equipment and office tools Furniture Vehicles

Per year 33.33% 10% 20%

b) Technical provisions

C)

The association constitutes technical provisions based on contributions relating to the active, non-expired policies in force at the end of the accounting year, unreleased members' rebates relating to an expired policy, claims payable and the reserve for egalisation and catastrophies in accordance with Articles 10 and 11 of the Royal Decree of 22 February 1991.

Fixed income securities

The fixed income securities (straight and convertible bonds) are valued at their acquisition cost. The incidental costs are expensed as incurred.

The differences, if material, between acquisition cost and redemption value of the securities are amortized pro rata to maturity of the securities. Unless the intention of the association is to sell the securities in the short term, no adjustment is booked to reflect the market value if this market value is below the net book value determined according to the method described above.

At 31 December, the investments denominated in foreign currencies are converted in Euro using the year-end exchange rate. The exchange gains are deferred whereas the exchange losses are recorded in the income statement. Reduction in value on fixed income securities shall be recorded in the income statement when the reimbursement at redemption date is partly or fully uncertain or compromised.

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d) Shares and other non-fixed income securities

The investments denominated in foreign currencies are converted in Euro using the year-end exchange rate. The exchange gains are deferred whereas the exchange losses are recorded in the income statement.

Shares and other non-fixed interest securities are recorded at acquisition cost. The incidental costs are expensed as incurred. Unrealised losses are recorded if the Board of Directors evaluates that there is a permanent less value on those securities. Such less values are recorded in the income statement.

e) Foreign exchange rate contracts

The foreign exchange rate contracts are converted in Euro using the exchange rate as of the balance sheet date. The exchange gains are deferred whereas the exchange losses are recorded in the income statement.

f) Accounts payable and receivable in foreign currency

The foreign currency denominated accounts are converted in Euro using the exchange rate as of the balance sheet date.

The foreign currency denominated accounts of the income statement are converted into Euro on a monthly basis using the exchange rate in force at the end of the previous month.

Except for the unrealized exchange gains on the bonds and other fixed interest securities, the shares and other non-fixed interest securities and the foreign exchange rate contracts, as mentioned in point c), d) and e). The unrealized exchange gains and losses are recorded in the income statement under the caption "Investment income" and "Expenses relating to investments".

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#### 2. Guarantee Fund

The evolution of the Guarantee Fund over 2012 is as follows:

Guarantee Fund at 31 December 2011	68.011.355	
Transfer of the surplus of the year:	16.312.444	
Members rebates	209.578	

Guarantee Fund at 31 December 2012

84.533.377

#### 3. Covering assets

The assets that represent the technical provisions have to be invested in accordance with the rules set out in Article 10 of the Royal Decree of 22 February 1991.

As of 31 December 2012 and 2011, the Mutual Association had invested its representative assets as follows:

	31/12/2012	31/12/2011
International organisms bonds	0	0
Foreign States Securities	0	0
Foreign Companies Bonds	0	0
Investment funds	138.356.389	123.913.050
Cash (cash and term deposits)	13.338.707	17.621.048
	151.695.096	141.534.098

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#### 4. Reserve for equalisation and catastrophies

In application to Article 11, §1, 3° of the Royal Decree dated 22 February 1991 on the general rules on the control of insurance companies. The Mutual Association started in 1996 to build a reserve for egalisation and catastrophies. The purpose thereof is to create a reserve that would iron out variations in claims or would cover exceptional risks. Based on the current regulations, the theoretical target amount that should be provided for within the Mutual Associations' egalisation and catastrophies reserve is 221.999.900 EUR. The yearly movement however depends on the income or loss of the Mutual Association before (net) investment income. An income results in an addition to the reserve for the amount of the income, and a loss results in a usage of the reserve for the amount of the loss. The application of this rule resulted in an addition of 8.062.631 EUR for the year 2012 and an addition of 7.448.799 EUR for the year 2011.

#### 5. Management

The investment management of the Mutual Association has been outsourced.

The investment management fee is included in the net asset value of the investment funds.

The broker reinsurance handling fee amounts to 214.195 EUR for the year 2011 and 273.769 EUR for 2012.

Reinsurance commissions refunded to E.M.A.N.I. are 487.789 EUR for 2011 and 842.341 EUR for the year 2012 and are deducted from the reinsurance premium charges.

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EUROPEAN MUTUAL ASSOCIATION FOR NUCLEAR INSURANCE

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