BANKS THAT INVEST IN ARMS



CENTRE DELÀS D'ESTUDIS PER LA PAU REPORT no. 28

BANKS THAT INVEST IN ARMS

Actualization of the funding of nuclear weapons, cluster bombs and of the main Spanish military industries (2011-2016)

Jordi Calvo Rufanges

Coordinator and Investigator of the "Centre Delàs"

Research supporters:
Michelle Delgado Vandemen
Ana Fraga Almoyna







Centre Delàs d'Estudis per la Pau Carrer Erasme de Janer 8, entresol, despatx 9 08001 Barcelona T. 93 441 19 47 www.centredelas.org info@centredelas.org

Centre Delàs d'Estudis per la Pau (Centre Delàs for Peace Studies) is an independent organization dedicated to peace, security, defense and armamentism analysis. It combines activities of study and as of d social mobilization about the negative effects of militarism and arms proliferation. It plays special attention to security and defense policies, arms exports, financing of the military industry, military budgets and expenses , the performance of the armed forces , military industry, military Research and Development (R&D) and operations abroad.

Authorship: Jordi Calvo Rufanges Coordinator and Investigator of the "Centre Delàs"

Research supporters: Michelle Delgado Vandemen Ana Fraga Almoyna

In collaboration with: Audrey Esnault, Chloé Meuleweater, Marta Castellnou, Ainhoa Ruíz, Santi Ibáñez i Mar Iglesias

Barcelona, June 29, 2016

Gaphic Design: Esteva&Estêvão

Cover Photo: Aerojet Rocketdyne's PAC-3-MSE Missile

D.L.: B-19745-2010 ISSN: 2013-8032

INFORME n. 28

ELS BANCS QUE INVERTEIXEN EN ARMES

Actualization of the funding of nuclear weapons, cluster bombs and of the main Spanish military industries espanyoles (2011-2016)

Jordi Calvo Rufanges

INDEX

EXECUTIVE SUMMARY5
SUMMARY TABLES6
1.INTRODUCTION8
2. RANKING OF THE SPANISH ARMED
FINANCIAL INSTITUTIONS9
3. RANKING OF THE MAJOR FOREIGN11 ARMED FINANCIAL INSTITUTIONS OPERATING IN SPAIN
4. CONCLUSIONS
5. BIBLIOGRAPHY13
ANNEX15
1. Sheets of Spanish armed banks 15
2. Sheets of main foreign armed banks that
operate in Spain23

EXECUTIVE SUMMARY

This new report about armed financial institutions reveals the financing of 34 arms companies, among which the world most relevant can be found. They stand out for their controversial manufacturing of nuclear weapons, with a remarking constant presence of Trident missiles, recently questioned in the UK, such as the North American Boeing, General Dynamics, Honeywell International, Lockheed Martin, Northrop Grumman, Textron and Raytheon, the Italian Finameccania, the British BAE Systems, Europe's Airbus, the Spaniards Indra and Navantia, the Korean Poongsan, and the French Safran and Thales.

The institutions financing the arm industry can be branched in commercial and/ or investment banks, small financial institutions managing large estates, insurance companies and even public bodies, which show how investments in weapons are a widespread practice in the financial sector.

Financial institutions identified in this report as Banca Armada have financed by 80,000 million euros the arm industry, resources that under the analysis of the opportunity cost have led to the diversion of significant resources to the economy of defense, blocking investments in other sectors. Banks, insurance and investment companies have spent between 2011 and 2015 almost 5,900 million euros, the other banks, some of the large international corporations banks, have shifted to the sector of cluster weapons, nuclear and some conventional over 74,000 million euros.

72 financial institutions operating in the country, including large insurance companies, highlight the large presence of commercial banking involved, the large volume of investment in weapons and the type of weapons funded:

- The main banks financing arms: BBVA, Santander Barclays, Deutschebank, ING, Banca March, Bankia, Banco Sabadell, CaixaBank, Banco Popular and Bankinter
- Insurance companies that finance the arms industry are: Mutua Madrileña, Mapfre, Allianz, Axa, Aviva and AIG.
- Some companies and public institutions that invest in military companies studied in this report: SEPI, ICO, the Deposit Guarantee Fund of Credit Institutions and the Norwegian Pension Fund.

SUMMARY TABLES

Armed Banking Spanish Armed Banks	INDRA	MAXAM	NAVANTIA	OESIA	SENER	AECOM	AEROJET ROCKETDYNE	AIRBUS GROUP	FINMECCANICA	BABCOCK&WILCOX	DAESTSIEMS	TEXTRON	SERCO	MOOG	JACOBS ENGINEERING	BOEING	LOCKHEED MARTIN	ORBITALATK	POONGSAN	RAYTHEON	SAFRAN	SENER FINMECCANICA CHINA AEREOSPACE	SCIENCE & INDUSTRY	GILIO	HUNTINGTON INGALLS	INDUSTRIES HANWHA	NORINCO (CHINA)	GENERAL DYNAMICS	GENERAL DYNAMICS NORTHROP GRUMMAN	(US)	LARSEN & TOUBRO	BECHTEL	HONEYWELL INTERNATIONAL
BBVA	Α	С		С	С	CE		EC	EC	С	C				С	EC																	EC
Santander	ΑE	С	С	С	С			EC	EC							EC					С			E				С	С				С
Acciona	Α										A																						
Sociedad Estatal de Participaciones Industriales	A		Α																														
Banca March	A	С		С																													
Bankia	A	С	С	С																													
Caixabank	A	С		Α	С																												
Banco Popular	A	С		С																													
Banco Sabadell	A	С		С														С															
Bankinter	A	С	С																														
Instituto de Crédito Oficial		С																															
Renta 4	Α																																
Mutua Madrileña	Α																																
Unicaja	Α	С																															
Banco Mare		С		АC																													
Nostrum (BMN) Caja Rural	Δ	С		С																													
Grupo EDM	Α																																
Abante Asesores	Α																																
Ibercaja	Α			С																													
Kutxabank	Α				С																												
Liberbank	Α			С																													
GVC Gaesco	Α																																
Group Banco Alcalá	A																																
Gesconsult	Α																																
Mapfre	Α																																
Banco Caminos	Α																																
Privat Bank	Α																																
Patrimonio																																	
Novo Banco Grupo Egeria	A																																
Ahorro	A																																
Corporación	A																																
Auriga Capital Investments	А																																
Mercados y Gestión de Valores A.V.	Α																																
Gesiuris	Α																																
Trea Capital	Α																																
Partners Euroagentes																																	
Gestión	A																																
Inverseguros	Α																																
Caja de Arquitectos	А																																
Dux Inversores	Α																																
Riva y García*	Α																																
Banco Mediolanum	Α																																
ATL Capital	Α																																
N+1 Group	A																																
N+1 Group	А																																

 $A = Bondholding \ and \ shareholding \ of \ arms \ companies; C = Loans \ ; E = Underwriting \ of \ share \ and \ bond \ is suances$

Armed Banking Foreign Armed Banks	INDRA	MAXAM	NAVANTIA	OESIA	SENER	АЕСОМ	AEROJET ROCKETDYNE	AIRBUS GROUP	FINMECCANICA	BABCOCK&WILCOX	BAESYSTEMS	THALES	TEXTRON	SERCO	MOOG	JACOBS ENGINEERING	BOEING	LOCKHEED MARTIN	ORBITALATK	POONGSAN	RAYTHEON	SAFRAN	SENER FINMECCANICA	SCIENCE & INDUSTRY	CHZM	FLUOR	HUNTINGTON INGALLS INDUSTRIES	HANWHA	NORINCO (CHINA)	GENERAL DYNAMICS	GENERAL DYNAMICS	NORTHROP GRUMMAN (US)	ENGILITY HOLDINGS	LARSEN & TOUBRO	BECHTEL	HONEY WELL INTERNATIONAL
Bank of America		С				CAE	С	CE	CE	С	CE		CE	CE	CAE	СА	CAE	CAE	CAE		CAE	Ε			С	CAE	CAE			CAE	CAE			С	ΑE	EC
Citi Group Bank	Е					CE	CE	С	CE		CE	CE	CE				CE	CE	С		CE	CE				CE	С				CE		Е	С	CE	С
JP Morgan	Α					CAE	CA	CE	CE	С	CA	Α	CE	CE	CE	Α	CE	CE	CA		CE				С	CA	CAE			CAE	CAE	Α		С	CAE	
BNP PariBas	Α		С			CE		CE	CE	С	CE	CAE				С	CE		С		E	С			С	CE					CE		Е	С	CE	
Credit Agricole	Α		С			С		CAE	CAE	С	С	CAE		CE	Α		CE	CE			Е	CA				CE								С	С	
Société Général	ΑE	С						CAE	CE		С	CE					CE					CE													CE	
Barclays	Α	С				С		CE	CE		CA	С		CE		С	CE	CE			Е					CE		Α		CE	CE	С	Ε	С	CE	
Deutsche Bank	Α	С					Α	CA	Е		CAE	CAE			Α		CAE	С			ΑE	С				Α	Α	Α		Α	CAE	С	Ε		CAE	
HSBC		С				CE		CE	CE			CE		CE	CE	С						С			С	CE							CE		CE	
Lloyds Banking Group			С					С			CE			С		С	CE	CE			Е					Е				CE	CE			С	С	
Commerzbank		С				С		CE	CE		С	С		С			CE					С														
Goldman Sachs	Α					Α		CE	CE		CE		CAE		Α		CAE		Α							ΑE	Α				CAE		Е		CAE	
Credit Suisse	Α							С			С					Α	CE		Α		CE						CE			Е	CE		Е			
Bank of China		С							С				С				С							Е					Ε						С	
ING								С														С				CA										
Invesco													Α																							
ВРСЕ	ΑE		С																																	
Black Rock	Α					Α	Α	A	Α	A	Α	Α	Α	A	Α	Α	Α	Α	Α		Α	Α				Α	Α			Α	Α	Α	Α		Α	
Siemens Finance Services																			С								С									
Allianz	Α					Α			Α		Α				Α		Α	Α	Α	Α	Α	Α				Α	Α				Α				Α	
American International Group AIG									A		Α		Α				Α	Α	Α		Α					Α	Α			Α	Α				Α	
European Investment Bank																							С													
ERSTE Group		С						С																												
Norwegian Government Pension Fund	Α																																			
UBI Banca		С							С																											
AXA	Α					Α					Α			Α				Α			Α										Α					
Aviva	Α											Α										Α									Α				Α	
Banca Privada de Andorra	Α																																			
Royal Bank of Scotland	Α																																			

 $A = Bondholding \ and \ shareholding \ of \ arms \ companies; C = Loans \ ; E = Underwriting \ of \ share \ and \ bond \ issuances$

1. INTRODUCTION

This report aims to update the analysis begun in the Delàs Center for Peace Studies in 2007 on financing the arms sector showing its role in the weapons business. It should first highlight the importance of the financing of the arms companies to enable their production, in fact, as we advanced in the first reports of armed banks, the debt ratio of Spanish weaponry companies is a 73% on average, similar to the Spanish industry overall value. This is translated into three-quarters of arms produced due to banking. Thus, it is not unreasonable to say that three out of four weapons would not exist if there wasn't for the support of the banks and insurers to the worldwide arm industry.

It is a new report following the previous publications: Report: "Armed bank. Explosive Investments of banks and savings banks." (2012), investments that are the bomb. Banking business with Spanish armament companies (2012), Armed Bank vs Ethics Bank (2013) and Evolution of the armed bank in Spain. How to reduce the financing of arms companies? (2013). Based on the report of primary data from Deep Research conducted at the request of Delàs Center: Financing of the weapon companies in Spain, a research paper prepared for the Delàs Center by Hassel Kroes, of December 22, 2015, in which there were sought financial relations of some of the major Spanish weapon companies selected for this report because of their relevance and controversy: Indra, Maxam, Navantia, Oesia, Sener, Instalaza, Nammo, Sapa Placencia and Uro (Uro Special Vehicles).

It has also taken into account the updated data reports: Worldwide investments in Cluster Munitions: a shared responsibility and Do not bank on the bomb, published by Pax, as part of their campaigns of disarmament and finance tracking of controversial weapons such as cluster bombs and nuclear weapons. Of the arms companies are taken into account only arms manufacturers, but will be used throughout the report the military industry terminology, as the arms companies are PMCs par excellence. These reports show the result of the consultation of the results based on Thomson and Bloomberg data. Another source of information of great importance have been reports and websites of the analyzed arms companies and of the financial institutions themselves. Tracking existing news of the specialized press has supplemented a lot of the information.

Thus in this report all current data on financing of weapons that have been accessed to try to show a new picture of a situation, that is not as important the specific volume of each financial institution, but the enormous focus volume and diversity of banks, savings banks, credit unions and insurance companies in one way or another devote part of their activity to help the production of weapons, whether more controversial as nuclear or cluster bombs, or in the case of conventional weaponry, shown as a sample of the Spanish military industry.

The analysis was carried out on the following financial products: loans and loans closed from January 1, 2011, the issue of shares and bonds also since the January 1, 2011, and the participation that the mentioned banks and other financial institutions have in the mentioned military industries through stocks, bonds and investment funds generally shown by their most recent date. Unlike previous reports, there have not been included data on arms exports as the only public data are referred only to the Italian arms exports.

The analysis data have been divided between the financial institutions that are exclusively Spanish and the relevant foreign ones operating in Spain, with the aim of showing the data in a form more easily comparable between different banks scope. In addition, it will be broken information relevant to the corresponding insurers that in order to give visibility to the fact that the insurance companies also fund the military industry, and demonstrate its responsibility when investing the huge resources managed from the quotas of their customers.

This report consists of two main chapters, based on a summary of the numerical data related to investments in weapons of the sample identified here. Thus, there is shown the ranking of the Spanish armed banks, to remember the order per value of investments in weapons in which the Spanish financial institutions are following this analysis. The first banks in the ranking are those who will have as well a greater connection with the arms industry. The following there is offered the international ranking of the armed bank, in which the main foreign companies operating in Spain, having made an extra effort in relation to previous reports, inclusion of a greater diversity of financial institutions, are included. So the interest of an international audience for this report is increased and also that part of the public that chooses banks from other countries is covered.

Then, to facilitate the search for detailed information on each financial institution there are included comprehensive annexes with the tabs in the Spanish armed banks, the records of the main international armed banks in Spain and a brief explanation of armaments companies funded by Spanish banks. In relation to the period of analysis, the data obtained are mostly immediately prior to the publication year of this report, particularly from 2011 to 2015, including some data from early 2016.

2. RANKING OF THE SPANISH ARMED FINANCIAL INSTITUTIONS

The Spanish armed banking is still led by BBVA and Santander, which are the financial institutions that have dedicated in the latter period, as it occurred in the past, the most resources to support arms companies than all the rest of the Spanish financial institutions, being ones of the largest investors in the arms industry in the world, as we will see in the chapter dedicated to the foreign banks most relevant in their investments in weapons and greater presence in the territory.

It also highlights the role of SEPI, a public company that has a major stake in Indra, after having acquired Bankia, as a measure to support the company that recently went through an economic crisis. In addition, the SEPI has a 100 % ownership of the Spain's largest war ship company: Navantia. It emphasizes the role of Acciona, dedicated mostly to non-financial activities, but in our share is in fourth place in the new ranking of the Spanish armed banks. It is also important the role of the major financial institutions that have as clients some of the most controversial Spanish arms companies, such as Maxam: Banca March, CaixaBank, Bankia, Banco Popular, Sabadell and Bankinter. In the annex there can be seen the detail of the investments of each bank. Also one can check that Maxam, despite his controversial record of producing bombs and ammunition were later banned for its great humanitarian impact or for providing explosive or hunting material to places in armed conflict, is a company that has received the favor of many Spanish banks, besides those mentioned, BBVA; Santander, Sabadell, BMN, Caja Rural and Unicaja, and even the Official Credit Institute.

The other banks are either former savings banks or credit unions of minor or small investment firms whose clients are large capitals. It is noteworthy that many of these banks and of the large ones keep permanent investments in Indra, a Spanish company of technology that in addition to its civilian production devotes between 10 and 20% to the defense sector. In fact it is usually considered by the SIPRI itself as one of the top 100 military industries in the world.

Table 1. Ranking of the Armed Spanish financial institutions 2011-2016

Financial Institution	Value
BBVA	2.746.121.954,61 €
Santander	1.518.304.347,55 €
Acciona	371.950.804,22 €
Sociedad Estatal de Participaciones Industria	les 368.193.459,82 €
Banca March	223.489.061,11 €
Bankia	180.919.246,50 €
Caixabank	87.525.635,60 €
Banco Popular	82.918.380,44 €
BancoSabadell	51.551.463,00 €
Bankinter	48.597.800,81 €
Instituto de Crédito Oficial	48.272.994,30 €
Renta 4	35.144.943,10 €
Mutua Madrileña	24.044.771,72 €
Unicaja	19.646.357,85 €
Banco Mare Nostrum (BMN)	16.902.113,80 €
Caja Rural	16.472.208,34 €
Grupo EDM	5.948.640,39 €
Abante Asesores	4.856.621,63 €
Ibercaja	2.896.103,25 €
Kutxabank	2.733.850,19 €
Liberbank	2.381.952,77 €
GVC Gaesco Group	2.059.233,39 €
Banco Alcalá	2.000.744,27 €
Gesconsult	1.973.767,63 €
Mapfre	1.243.036,21 €
Banco Caminos	988.578,74€
Privat Bank Patrimonio	946.822,80 €
Novo Banco	806.364,99 €
Grupo Egeria	776.385,05 €
Ahorro Corporación	388.643,60 €
Auriga Capital Investments	257.877,65 €
Mercados y Gestión de Valores A.V.	246.037,52 €
Gesiuris	220.887,01 €
Trea Capital Partners	202.618,15 €
Euroagentes Gestión	120.285,01 €
Inverseguros	120.285,01 €
Caja de Arquitectos	98.415,01 €
Dux Inversores	87.480,01 €
Riva y García*	60.142,50 €
Banco Mediolanum	56.333,69€
ATL Capital	47.081,09€
N+1 Group	37.484,36 €
Fondo de Garantía de Depósitos de Entidades de Crédito	desconocido
Т	otal 5.871.611.214,68 €

Table 2. Bondholding and shareholding of arms **companies 2011-2016**

Financial institution	Value
Sociedad Estatal de Participaciones Industriales	368.193.459,82€
Acciona	371.950.804,22 €
Banca March	207.539.163,37 €
Renta 4 Banco	35.144.943,10 €
Mutua Madrileña	24.044.771,72 €
Santander	17.345.326,06 €
Caixabank	7.938.016,16 €
Grupo EDM	5.948.640,39 €
BBVA	5.915.196,50€
Bankia	5.616.685,71 €
Abante Asesores	4.856.621,63 €
BancoSabadell	4.736.932,93 €
Bankinter	3.062.066,83 €
GVC Gaesco Group	2.059.233,39 €
Banco Alcalá	2.000.744,27 €
Gesconsult	1.973.767,63 €
Liberbank	1.609.331,89€
Mapfre	1.243.036,21 €
Banco Caminos	988.578,74 €
Privat Bank Patrimonio	946.822,80 €
Banco Popular	834.585,50 €
Novo Banco	806.364,99 €
Grupo Egeria	776.385,05 €
Caja Rural	697.084,43 €
Unicaja	507.060,70 €
Kutxabank	465.329,39 €
Ahorro Corporación	388.643,60 €
Ibercaja	268.469,06 €
Auriga Capital Investments	257.877,65 €
Mercados y Gestión de Valores A.V.	246.037,52 €
Gesiuris	220.887,01 €
Trea Capital Partners	202.618,15 €
Euroagentes Gestión	120.285,01 €
Inverseguros	120.285,01 €
Caja de Arquitectos	98.415,01 €
Dux Inversores	87.480,01 €
Riva y García	60.142,50 €
Banco Mediolanum	56.333,69 €
ATL Capital	47.081,09 €
N+1 Group	37.484,36 €
Fondo de Garantía de Depósitos de Entidades de Crédito	desconegut
Banco Mare Nostrum (BMN)	desconegut
Total	1.079.412.993,10€

Table 3. Loans to arm companies by Spanish financial institutions 2011-2016

Financial institution		Value
BBVA		2.436.291.479,71 €
Santander		1.287.172.840,76 €
Bankia		175.302.560,79 €
Banco Popular		82.083.794,94€
Caixabank		79.587.619,43 €
Instituto de Crédito Oficial		48.272.994,30€
Banco Sabadell		46.814.530,07 €
Bankinter		45.535.733,97 €
Unicaja		19.139.297,15 €
Banco Mare Nostrum (BMN)		16.902.113,80 €
Grupo March		15.949.897,74€
Caja Rural		15.775.123,91 €
Ibercaja		2.627.634,19€
Kutxabank		2.268.520,80€
Liberbank		772.620,88 €
	Total	4.274.496.762,44€

Table 4. Underwriting of share and bond issuances to arm companies 2011-2016

	Financial institution		Value
BBVA			303.915.278,40 €
Santander			213.786.180,73 €
	7	Total	517.701.459,13€

Briefly, there are 19 banks and commercial banks that keep an important support to the arms industry in the following order of importance: BBVA, Santander, Banca March, Bankia, CaixaBank, Banco Popular, Banco Sabadell, Bankinter, Unicaja, Banco Mare Nostrum (BMN), Caja Rural, Ibercaja, Kutxabank, Liberbank, Banco Alcalá, Banco Caminos, Caja de Arquitectos and Banco Mediolanum, SEPI, ICO and the Fund Deposit Guarantee Credit Institutions. In addition, three insurance companies with investments in weapons are to be analyzed in detail in another chapter: Mutua Madrileña, **Mapfre** and **Inverseguros**. Finally, there are 19 small or large investment institutions of high income customers which form a total of 44 financial institutions of Spanish origin that make up the current Spanish Armed Banking.

3. RANKING OF THE MAJOR FOREIGN ARMED FINANCIAL INSTITUTIONS OPERATING **IN SPAIN**

This report involves some of the largest foreign companies installed in Spain, led by the US Bank of America, Citi Group and JP Morgan, with investments in weapons that exceed 10,000 million euros. Then highlights the role Bank of Chi**na** (ICBC), which is among the five largest banks by market capitalization worldwide and among the largest funders of both conventional weapons - such as cluster munitions and nuclear weapons. Or the major French banks: BNP, Credit Agricole and Société Générale, with investments in weapons identified over 4,000 million euros. Then there are financial institutions in UK (HSBC, Barclays, Lloyds), German (Deut**sche Bank**) or Swiss (**Credit Suisse**) which have more than significant investments in the arms industry, besides the famous Goldman Sachs. If we stick to investments in weapons, alongside these banks we could put the two giants of Spanish banks, BBVA and Santander, as they are holders of investment in arms of similar amounts. It is notable that ING and even the **Banca Privada d'Andorra** appear in the ranking of investors in arms. With regard to the insurance companies, two global giants Allianz, AIG, Axa and Aviva invest their insured customers' deposits into arms companies. We have to highlight that this study does not include all financial institutions because the public availability of data is limited, therefore, only those companies that play a more active role in the Armed Bank in the Spanish State are mentioned.

Table 5. Ranking of the armed foreign financial institutions 2011-2016

Financial institution	Value
Bank of America	12.881.730.543 €
Citi Group Bank	12.387.565.600 €
JP Morgan	12.308.487.438 €
BNP PariBas	7.112.803.481 €
Crédit Agricole	4.634.369.226 €
Société Général	4.396.446.051 €
Barclays	4.186.402.917 €
Deutsche Bank	3.922.343.145 €
HSBC	3.857.962.547 €
Lloyds Banking Group	1.697.973.412 €
Commerzbank	1.679.209.926 €
Goldman Sachs	1.549.993.933 €
Crédit Suisse	1.175.040.006 €
Bank of China (ICBC)	675.633.194 €
ING	388.897.756 €
Invesco	345.874.360 €
BPCE	219.440.035 €
Black Rock	143.495.680 €
Siemens Finance Services	136.662.552 €
Allianz	108.493.290 €
American International Group AIG	58.494.947 €
European Investment Bank	49.946.000 €

	Total	74.129.012.530€
Royal Bank of Scotland		desconegut
Banca Privada de Andorra		1.129.007€
Aviva		8.718.396€
AXA		13.900.221 €
UBI Banca		19.840.412€
Norwegian Government Pension Fund		128.608.113€
ERSTE Group		39.550.343€

Table 6. Bondholding and shareholding of arms companies from foreign financial institutions 2011-2016

Financial Institution Value Invesco 345.874.360 € €			
Blackrock 143.495.680 € Allianz 108.493.290 € American International Group AIG 58.494.947 € JP Morgan 35.009.234 € BPCE 31.245.749 € Deutsche Bank 18.139.521 € Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Financial Institution		Value
Allianz 108.493.290 € American International Group AIG 58.494.947 € JP Morgan 35.009.234 € BPCE 31.245.749 € Deutsche Bank 18.139.521 € Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Invesco		345.874.360 €
American International Group AIG 58.494.947 € JP Morgan 35.009.234 € BPCE 31.245.749 € Deutsche Bank 18.139.521 € Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Blackrock		143.495.680 €
JP Morgan 35.009.234 € BPCE 31.245.749 € Deutsche Bank 18.139.521 € Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Allianz		108.493.290 €
BPCE 31.245.749 € Deutsche Bank 18.139.521 € Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	American International Group AIG		58.494.947 €
Deutsche Bank 18.139.521 € Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	JP Morgan		35.009.234€
Goldman Sachs 15.361.883 € ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	BPCE		31.245.749€
ING 15.184.728 € Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Deutsche Bank		18.139.521 €
Bank of America 15.083.496 € AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Goldman Sachs		15.361.883 €
AXA 13.900.221 € Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	ING		15.184.728 €
Norwegian Government Pension Fund 34.245.189 € Crédit Agricole 11.800.914 € BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Bank of America		15.083.496 €
Crédit Agricole $11.800.914 \in$ BNP PariBas $10.906.196 \in$ Barclays $10.207.287 \in$ Aviva $8.718.396 \in$ Société Général $7.871.849 \in$ Crédit Suisse $7.503.142 \in$ Banca Privada de Andorra $1.129.007 \in$ Royal Bank of Scotland $502.856 \in$	AXA		13.900.221 €
BNP PariBas 10.906.196 € Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Norwegian Government Pension Fund		34.245.189€
Barclays 10.207.287 € Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Crédit Agricole		11.800.914€
Aviva 8.718.396 € Société Général 7.871.849 € Crédit Suisse 7.503.142 € Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	BNP PariBas		10.906.196€
Société Général7.871.849 €Crédit Suisse7.503.142 €Banca Privada de Andorra1.129.007 €Royal Bank of Scotland502.856 €	Barclays		10.207.287€
Crédit Suisse7.503.142 €Banca Privada de Andorra1.129.007 €Royal Bank of Scotland502.856 €	Aviva		8.718.396 €
Banca Privada de Andorra 1.129.007 € Royal Bank of Scotland 502.856 €	Société Général		7.871.849€
Royal Bank of Scotland 502.856 €	Crédit Suisse		7.503.142 €
•	Banca Privada de Andorra		1.129.007 €
Total 893.167.945 €	Royal Bank of Scotland		502.856€
		Total	893.167.945 €

Table 7. Loans to arms companies by foreign financial institutions 2011-2016

Financial institution	Value
JP Morgan	10.213.416.772€
Citi Group Bank	9.827.049.804€
Bank of America	7.521.918.049€
BNP PariBas	6.132.942.920 €
Crédit Agricole	3.530.533.290 €
Barclays	3.303.917.366 €
HSBC	3.149.341.907 €
Deutsche Bank	2.856.457.392€
Société Général	1.809.088.779€
Commerzbank	1.475.903.290 €
Goldman Sachs	1.419.772.068 €
Lloyds Banking Group	1.255.929.108€
Crédit Suisse	649.568.920 €
ING	373.713.028 €

	Total	54.146.188.444€
UBI Banca		19.840.412€
BPCE		27.256.922€
ERSTE Group		39.550.343 €
European Investment Bank		49.946.000 €
Siemens Finance Services		136.662.552€
Bank of China (ICBC)		353.379.522 €

Table 8. Issuance of bonds and commercial papers of arms companies in foreign banks from 2011 to 2016

Financial institution		Valor
Bank of America		5.344.728.997 €
Société Général		2.579.485.423 €
Citi Group Bank		2.560.515.796 €
JP Morgan		2.060.061.432 €
Crédit Agricole		1.092.035.022€
Deutsche Bank		1.047.746.232 €
BNP PariBas		968.954.366 €
Barclays		872.278.264€
HSBC		708.620.640 €
Crédit Suisse		517.967.944€
Lloyds Banking Group		442.044.304€
Bank of China (ICBC)		322.253.672€
Commerzbank		203.306.636€
BPCE		160.937.363 €
Goldman Sachs		114.859.982 €
	Total	18.995.796.073 €

Thus, we can see there are at least 29 financial institutions engaged in both, commercial banking and the investment and insurance, of foreign origin operating in the Spanish State have significant investments in weapons. These include large commercial banks, insurance companies of a significant international business and even the Norwegian Pension Fund, known by the restrictions it self-imposes through an ethics committee for not to invest in some of the most controversial weaponry companies, however, as we can see, it should include some more in the list.

4. CONCLUSIONS

In this new report on the financing of arms companies there have been identified, only what concerns to some of the major Spanish military companies and global manufacturers of nuclear weapons and cluster munitions, at least 80,000 million euros that have been diverted from non-military economy to the defense industry directly related to armaments, about 6,000 million are exclusively managed by the State banks and the rest by major foreign banks internationally.

This result may have two readings, one of a political nature, by which we find that the flourishing arms trade not only benefits the arms companies but also banks and insurance companies. And the other related to the economic concept of opportunity cost, with the issue that the resources are scarce and the economy has the function to manage them and decide what is to be invested and what investments shall be stopped; i.e. when investing in arms the money is left in some other area (education, health ...), but also the fact that investing in weapons makes the products useless and in the case of being used they cause destruction and death, which is not positive for the advancement of a sustainable economy. In both cases, the relationship with ethical banking is evident, as this ensures that you cannot do business with companies that do not pass an ethical filter, such as arms companies. But the ethical banking also aims to build an alternative to the current economic model in which the economy is at service of the people, and is aimed to find a sustainable model that ensures a decent standard of living and ethics to the future generations.

On the other hand, this report shows the continuing trend of the financial institutions to invest in arms companies in general, without achieving a significant reduction in their investments in any of its self-regulations of investment in the defense sector. Beyond a particular case that any disinvestment by large banks and small arms companies appeared in the reports of the Armed Bank may have produced, there are no known transparent and honest measures to eliminate the weapons business of financial institutions. With the exception of this ethical banking mentioned above.

Again we identify among the most popular financial institutions in Spain, BBVA, Santander, Deustsche Bank, Citibank and ING, as the major funders of weapons, followed in a second level of importance of the investment by Banca March, Bankia, CaixaBank, Banco Popular, Banco Sabadell and Bankinter. Not forgetting that Unicaja, Banco Mare Nostrum (BMN), Caja Rural, Ibercaja, Kutxabank, Liberbank, Banco Alcalá, Banco Caminos, Caja de Arquitectos and Banco Mediolanum invest in weapons, although in smaller amounts.

To elaborate further, insurance company's investments shall be analyzed in depth. In this report we identify five major insurance companies that invest in weapons: Mutua Madrileña, Mapfre, Allianz, Axa, Aviva and AIG, in addition to Inverseguros that channels investments from several insurance companies (see details in the Annex sheets).

5. BIBLIOGRAPHY

BOER, ROOS y ESTHER VANDENBROUCKE (2010): "Worldwide Investments in Cluster Munitions a shared responsability", IKV Pax Christi y Netwerk Vlaanderen, Brussels.

BOER, ROOS y ESTHER VANDENBROUCKE (2011): "Worldwide Investments in Cluster Munitions a shared responsability", IKV Pax Christi y Netwerk Vlaanderen, Brussels.

BOER, ROOS and others (2012): "Worldwide Investments in Cluster Munitions: a shared responsability", IKV Pax Christi y FairFin, The Netherlands.

BOER, ROOS and others (2016): "Worldwide investments in Cluster Munitions a shared responsability," IKV Pax Christi, The Netherlands

BOUWERS, RODERICK and others (2011): "Negocios sucios. Los Bancos españoles que nancian a productores de armas", Setem.

CALVO RUFANGES, JORDI (2012): "La banca armada. Inversiones explosivas de bancos y cajas", Centro de Estudios por la paz JM Dèlas, Informe núm.11, Barcelona.

CALVO RUFANGES, JORDI y otras (2012): "Inversiones que son la bomba. Negocios de la banca armada con empresas españolas", Centro de Estudios por la paz JM Dèlas, Barcelona.

CALVO RUFANGES, JORDI (2013): "Banca armada vs. Banca ética", Editorial Dharana.

CALVO RUFANGES, JORDI y otras (2013): "Evolución de la banca armada española. ¿Cómo reducir la nanciación de las empresas de armas?", Centro de Estudios por la paz JM Dèlas, Informe núm.20, Barcelona.

GELDER, JA WILLEM VAN y PETRA SPAARGAREN (2012): "German Banks involved in the export of tanks to Saudi Arabia", Profundo Economic Research, Amsterdam.

INEZ LOUWAGIE, LUC WEYN y MATHIAS BIESTMAN (2005): "Where do you draw the line?- Research into the nancial links between ve bank groups and the companies that abuse human rights ", Netwerk Vlaanderen, Brussels.

SCHEIRE, CHRISTOPHE (2004): "Cluster Bombs, Landmines, Nuclear Weapons and Depleted Uranium Weapons -

A Report on the Financial Links between Banks and the Producers of Controversial Weapon Systems", Netwerk Vlaanderen, Brussels.

SCHEIRE, CHRISTOPHE (2006): "Explosive Portfolios- Bank Groups and Cluster Munitions", Netwerk Vlaanderen, Brussels.

SCHEIRE, CHRISTOPHE (2007): "Eplosive Investments. Financial Institutions and Cluster Munitions ", Netwerk Vlaanderen.

SNYDER, SUSI y WILBERT VAN DER ZEIJDEN (2013):

"Don't Bank on the Bomb: a Global Report on the Financing of Nuclear Weapons Producers", IKV Pax Christi, ICAN, Profundo.

SNYDER, SUSI y otras (2015): "Don't Bank on the Bomb. A Global Report on the Financing of Nuclear Weapons Producers", IKV Pax Christi, The Netherlands.

WILLEM VAN GELDER, JAN y otras (2012): "Don't Bank on the Bomb: the Global Financing of Nuclear Weapons Producers", Profundo.

Online sources:

Comisión Nacional del Mercado de Valores: CNMV: Consultas a Registros O ciales de Emisores, http:// www.cnmv.es/portal/Menu/Registros-O ciales-Emisores.aspx, last view 28/06/2016

Official homepage Aecom (EE.UU), available at: http:// www.aecom.com/ last view 28/06/2016

Official homepage Aerojet Rocketdyne (EE.UU), available at: http://www.rocket.com/ last view 28/06/2016

Official homepage Airbus Group (The Netherlands), available at: http://www.airbus.com/es/last view 28/06/2016

Official homepage Babcock & Wilcox (EE.UU), last view: http://www.babcock.com/Pages/default.aspx consultat a 28/06/2016

Official homepage BAE Systems (Reino Unido), available at: http://www.baesystems.com/en/ home?r=ES last view 28/06/2016

Official homepage Bechtel (EE.UU.), available at: http:// www.bechtel.com/ last view 28/06/2016

Official homepage Boeing (EE.UU.), available at: http:// www.boeing.es/ last view 28/06/2016

Official homepage CH2M Hill (EE.UU.), available at: https://www.ch2m.com/last view 28/06/2016

Official homepage China Aerospace Science & Industry (China), available at: http://www.casic-global. com/en/index-1.html viewed 28/06/2016

Official homepage Engility Holdings (EE.UU.), available at: http://www.engilitycorp.com/ last view 28/06/2016

Official homepage Finmeccanica (Italy), available at: http://www.leonardocompany.com/ last view 28/06/2016

Official homepage de Fluor (EE.UU.):, available at: http://www.uor.com/pages/default.aspx last view 28/06/2016

Official homepage General Dynamics (EE.UU.), available at: http://www.generaldynamics.com/ last view 28/06/2016

Official homepage Hanwha (South Korea), available at: http://www.hanwhacorp.co.kr/eng/index.jsp last view 28/06/2016

Official homepage Honeywell International (EE. UU.), available at: http://www.honeywell.com/ last view28/06/2016

Official homepage Huntington Ingalls Industries (EE. UU.), available at: http://www.huntingtoningalls.com/ last view 28/06/2016

Official homepage (Spain), available at: http://www. indracompany.com/ last view 28/06/2016 (darrera visita)

Official homepage Jacobs Engineering(EE.UU.), available at: http://www.jacobs.com/ last view 28/06/2016

Official homepage Larsen & Toubro (India), available at: http://www.larsentoubro.com/ last view 28/06/2016

Official homepage Lockheed Martin(EE.UU.), available at: http://www.lockheedmartin.com/ last view 28/06/2016

Official homepage (Spain), vailable at: http://www. maxam.net/last view 28/06/2016

Web o cial de Moog (EE.UU) available at: http://www. moog.com/last view 28/06/2016

Official homepage Navantia (Spain), available at: https://www.navantia.es/last view28/06/2016

Official homepage Norinco (China), available at: http:// www.norinco.com/ last view 28/06/2016

Official homepage Northrop Grumman (EE.UU.), available at: http://www.northropgrumman.com/ Pages/default.aspx last view 28/06/2016

Official homepage Oesia (España), available at: http:// grupooesia.com/ last view28/06/2016

Official homepage Orbital ATK (EE.UU), available at: https://www.orbitalatk.com/ last view28/06/2016

Web o cial de Poongsan (South Korea), available at: http://www.poongsan.co.kr/eng/home/ consultat a 28/06/2016

Official homepage Raytheon (EE.UU.), available at: http://www.raytheon.com/ consultat a 28/06/2016

Official homepage de Safran (France), available at: http://www.safran-group.com/ last view 28/06/2016

Official homepage de Sener (Spain), available at: http://www.ingenieriayconstruccion.sener/es/home last view 28/06/2016

Official homepage de Serco (UK), available at: https:// www.serco.com/ consulted 28/06/2016 (darrera visita)

Official homepage de Textron (EE.UU.), available at: http://www.textron.com/ consulted 28/06/2016

Official homepage de Thales (France), available at: https://www.thalesgroup.com/es consulted 28/06/2016

ANNEX

1. SHEETS OF SPANISH ARMED BANKS

BBVA

TOTAL INVESTMENT IN ARMS:

2,746,121,954.61€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Sener	25-3-2011	599,922.96 €
Sener	25-3-2011	1,668,597.84 €
Maxam	15-12-2011	9,994,400.00 €
Maxam	27-12-2012	12,231,201.24€
Maxam	27-12-2012	5,695,884.43 €
Maxam	27-12-2012	4,559,202.29€
Maxam	29-7-2014	66,111,049.22€
Maxam	29-7-2014	18,888,973.82€
Navantia	18-3-2015	81,771,785.60€
Maxam	29-7-2015	19,294,105.07 €
Maxam	29-7-2015	67,529,192.08€
Oesia	29-10-2015	514,678.81 €
Aecom	13-7-2011	49,740,638.10€
Aecom	23-9-2011	29,784,065.52€
Aecom	7-6-2013	15,082,956.26€
Aecom	29-1-2014	28,659,611.99€
Aecom	11-8-2014	57,522,785.00€
Aecom	11-8-2014	44,075,900.19€
Aecom	11-8-2014	14,940,983.12€
Airbus Group	14-3-2011	116,862,632.64€
Airbus Group	14-10-2014	105,962,359.64€
Babcock & Wilcox	22-5-2012	25,062,656.64€
Babcock & Wilcox	11-5-2015	32,310,177.71€
Boeing	5-11-2011	30,494,445.65€
Boeing	29-9-2012	355,761,794.28€
Boeing	29-9-2012	355,761,794.28€
Boeing	23-9-2014	38,783,741.86€
Boeing	23-9-2014	38,783,741.86€
Finmeccanica	28-7-2010	65,424,876.85€
Finmeccanica	9-7-2014	73,513,195.62€
Finmeccanica	6-7-2015	81,758,720.93€
General Dynamics	14-7-2011	56,330,094.35€
General Dynamics	21-6-2013	94,840,667.68€
Honeywell International	17-3-2011	44,273,064.84€
Honeywell International	30-3-2012	96,585,804.13€
Honeywell International	18-11-2013	54,006,066.43 €
Jacobs Engineering	5-3-2015	49,688,318.73€
Jacobs Engineering	5-3-2015	123,769,084.83€
Thales	17-12-2010	66,365,007.54€
Oesia	29-10-2015	1,287,299.69€
	Total	2,436,291,479.71€

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	17-9-2014	61,747,452.92€
Aecom	17-9-2014	61,747,452.92€
Airbus Group	20-10-2014	50,105,691.69€
Boeing	28-10-2014	7,059,930.97€
Boeing	28-10-2014	7,059,930.97€
Boeing	28-10-2014	14,119,861.94€
Boeing	18-2-2015	5,276,116.78€
Boeing	18-2-2015	7,034,822.37 €
Boeing	18-2-2015	7,034,822.37 €
Finmeccanica	26-11-2013	43,552,077.95€
Finmeccanica	17-1-2014	14,763,416.25 €
Honeywell International	18-11-2013	7,398,091.29€
Honeywell International	18-11-2013	17,015,609.97 €
	Total	303,915,278.40€

Arms companies	Most recent date	Value
Indra	31-10-2015	4,915,596.50€
Indra	31-8-2015	999,600.00€
	Total	5,915,196.50€

^{*}Converting dollars to euros in the series of data has been done in accordance with the exchange rate set by the European Central Bank's website at the time of investment or if the data is missing the one which belongs to the closer date, this comment is valid for the overall of Spanish banks.

^{*}European Central Bank: https://www,ecb,europa,eu/stats/exchange/eurofxref/html/eurofxref-graph-usd,en,html

^{*}Data from each individual entity coming from Caixa d'Estalvis de Catalunya. Tarragona i Manresa (Caixa Catalonia) joined the raking of the bank BBVA in the rankings because they are part of BBVA Group.

Banco de Sabadell

TOTAL INVESTMENT IN ARMS:

51,551,463.00€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	8,339,455.39€
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Maxam	29-7-2014	7,778,005.79€
Maxam	29-7-2014	2,221,996.92€
Maxam	29-7-2015	2,030,958.43€
Maxam	29-7-2015	7,108,336.01 €
Oesia	29-10-2015	1,236,675.54€
Orbital ATK	1-11-2013	6,664,198.45€
Orbital ATK	1-11-2013	4,442,798.96€
	Total	46,814,530.07€

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	4,336,241.73€
Indra	30-9-2015	400,691.20€
	Total	4,736,932.93€

Santander

TOTAL INVESTMENT IN ARMS:

1,518,304,347.55€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Sener	25-3-2011	599,922.96€
Sener	25-3-2011	599,922.96€
Sener	25-3-2011	1,668,597.84 €
Sener	25-3-2011	1,668,597.84 €
Maxam	15-12-2011	9,994,400.00€
Maxam	27-12-2012	12,231,201.24€
Maxam	27-12-2012	5,695,884.43 €
Maxam	27-12-2012	4,559,202.29€
Maxam	29-7-2014	42,778,031.85€
Maxam	29-7-2014	12,221,983.06€
Navantia	18-3-2015	36,343,581.57 €
Maxam	29-7-2015	12,185,750.57€
Maxam	29-7-2015	42,650,016.05€
Oesia	29-10-2015	3,245,971.96€
Airbus Group	14-3-2011	116,862,632.64€
Airbus Group	14-10-2014	105,962,359.64€
Boeing	5-11-2011	30,494,445.65€
Boeing	23-9-2014	38,783,741.86€
Boeing	23-9-2014	38,783,741.86€
Finmeccanica	28-7-2010	147,013,546.80€
Finmeccanica	9-7-2014	73,513,195.62€
Finmeccanica	6-7-2015	89,934,593.02€
Fluor	14-12-2010	66,989,207.29€
General Dynamics	14-7-2011	24,644,416.28€
Honeywell International	17-3-2011	44,273,064.84€
Honeywell International	18-11-2013	54,006,066.43 €
Safran	18-11-2010	88,664,175.28€
Thales	17-12-2010	81,447,963.80 €
Thales	19-12-2014	99,356,625.13€
	Total	1,287,172,840.76€

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	8-10-2013	31,245,749.19€
Airbus Group	20-10-2014	75,158,537.54€
Boeing	30-4-2013	7,649,938.80 €
Boeing	28-10-2014	7,059,930.97 €
Boeing	28-10-2014	7,059,930.97 €
Boeing	18-2-2015	5,276,116.78€
Boeing	18-2-2015	7,034,822.37 €
Boeing	18-2-2015	7,034,822.37 €
Finmeccanica	26-11-2013	43,552,077.95 €
Finmeccanica	17-1-2014	14,723,203.77 €
Fluor	18-11-2014	7,991,050.02 €
	Total	213,786,180.73€

Arms companies	Most recent date	Value
Indra	30-9-2015	15,253,718.00€
Indra	30-9-2015	2,091,608.06€
	Total	17,345,326.06€

Bankia

TOTAL INVESTMENT IN ARMS:

180,919,246.50€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	15-12-2011	9,994,400.00€
Maxam	27-12-2012	12,231,201.24€
Maxam	27-12-2012	5,695,884.43 €
Maxam	27-12-2012	4,559,202.29€
Maxam	29-7-2014	42,778,031.85€
Maxam	29-7-2014	12,221,983.06€
Maxam	29-7-2015	12,185,750.57€
Maxam	29-7-2015	42,650,016.05€
Navantia	30-7-2015	30,204,174.00€
Oesia	29-10-2015	2,781,917.30€
	Total	175,302,560.79€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-6-2015	5,616,685.71 €
	Total	5,616,685.71 €

Banco Popular Español

TOTAL INVESTMENT IN ARMS:

82,918,380.44€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	8,339,455.39€
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Maxam	29-7-2014	23,333,017.37 €
Maxam	29-7-2014	6,666,990.76€
Maxam	29-7-2015	7,108,354.50 €
Maxam	29-7-2015	24,879,176.03 €
Oesia	29-10-2015	4,764,696.31 €
	Total	82,083,794.94€

*Data from Popular Gestion Privada and Banco Popular Español are counted in the rankings as Banco Popular.

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	834,585.50€
	Total	834,585.50€

Banco Mare Nostrum

TOTAL INVESTMENT IN ARMS:

16,902,113.80€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	8,339,455.39 €
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Oesia	29-10-2015	1,570,553.83 €
	Total	16,902,113.80€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Oesia	16-11-2015	unknown

Bankinter

TOTAL INVESTMENT IN ARMS:

48,597,800.81 €

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	8,339,455.39€
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Navantia	30-7-2015	30,204,174.00€
	Total	45,535,733.97€

	Total	3,062,066.83 €
Indra	30-6-2015	3,062,066.83 €
Arms companies	Most recent date	Value

Caja Rural

TOTAL INVESTMENT IN ARMS:

16,472,208.34€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	8,339,455.39 €
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Oesia	29-10-2015	443,563.94€
	Total	15,775,123.91 €

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	697,084.43 €
	Total	697,084.43 €

Liberbank Group

TOTAL INVESTMENT IN ARMS:

2,381,952.77€

Loans to arms companies (2011-2016)

	Arms companies	Most recent date	Value
0	esia	29-10-2015	772,620.88 €
		Total	772,620.88€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	1,609,331.89€
	Total	1.609.331.89€

Instituto de Crédito Oficial

TOTAL INVESTMENT IN ARMS:

48,272,994.30€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	15-12-2011	9,994,400.00€
Maxam	29-7-2014	15,556,011.58€
Maxam	29-7-2014	4,443,993.84€
Maxam	29-7-2015	4,061,916.86€
Maxam	29-7-2015	14,216,672.02 €
	Total	48,272,994.30€

Banca March

TOTAL INVESTMENT IN ARMS:

223,489,061.11€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	8,339,455.39€
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Oesia	29-10-2015	618,337.77€
	Total	15,949,897.74€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies Indra	Most recent date 11-3-2015	Value 207,539,163,37 €
	Total	207.539.163.37 €

Kutxabank

TOTAL INVESTMENT IN ARMS:

2,733,850.19€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Sener	25-3-2011	599,922.96 €
Sener	25-3-2011	1,668,597.84€
	Total	2,268,520.80 €

Bondholding and shareholding of arms companies (2011-2016)

	Total	465,329.39€
Indra	31-8-2015	465,329.39€
Arms companies	Most recent date	Value

Unicaja Banco

TOTAL INVESTMENT IN ARMS:

19,646,357.85€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	29-7-2014	7,778,005.79€
Maxam	29-7-2014	2,221,996.92 €
Maxam	29-7-2015	2,030,958.43 €
Maxam	29-7-2015	7,108,336.01 €
	Total	19,139,297.15€

Arms companies	Most recent date	Value
Indra	30-9-2015	507,060.70€
	Total	507,060.70€

Caixabank

TOTAL INVESTMENT IN ARMS:

87,525,635.60€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Sener	25-3-2011	599,922.96 €
Sener	25-3-2011	1,668,597.84€
Maxam	27-12-2012	8,339,455.39€
Maxam	27-12-2012	3,883,557.57 €
Maxam	27-12-2012	3,108,547.01 €
Maxam	29-7-2014	23,333,017.37€
Maxam	29-7-2014	6,666,990.76€
Maxam	29-7-2015	7,108,354.50€
Maxam	29-7-2015	24,879,176.03 €
	Total	79,587,619.43€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	7,938,016.16 €
Oesia	16-11-2015	
	Total	7,938,016.16€

Abante Asesores

TOTAL INVESTMENT IN ARMS:

4,856,621.63€

Bondholding and shareholding of arms companies (2011-2016)

	Total	4,856,621.63 €
Indra	31-8-2015	4,856,621.63 €
Arms companies	Most recent date	Value

Ahorro

TOTAL INVESTMENT IN ARMS:

388,643.60€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	388,643.60 €
	Total	388,643.60€

Ibercaja

TOTAL INVESTMENT IN ARMS:

2,896,103.25€

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Oesia	29-10-2015	2,627,634.19 €
	Total	2,627,634.19€

^{*}Data from Grupo Ibercaja and Fundacion Bancaria Ibercaja are counted in the rankings as listed as Ibercaja.

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-6-2015	268,469.06 €
	Total	268,469.06 €

Acciona

TOTAL INVESTMENT IN ARMS:

371,950,804.22€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Thales	31-5-2015	323,464,912.28€
Indra	4-8-2015	48,485,891.94€
	Total	371,950,804.22€

^{*}Data from Bestinver are included

Arquia Caja de Arquitectos

TOTAL INVESTMENT IN ARMS:

98,415.01€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	98,415.01 €
	Total	98,415.01 €

ATL Capital

TOTAL INVESTMENT IN ARMS:

47,081.09€

Arms companies	Most recent date	Value
Indra	30-6-2015	47,081.09€
	Total	47.081.09€

Auriga Capital Investments

TOTAL INVESTMENT IN ARMS:

257,877.65€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-6-2015	257,877.65 €
	Total	257.877.65€

EDM Group

TOTAL INVESTMENT IN ARMS:

5,948,640.39€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	5,948,640.39€
	Total	5,948,640.39€

^{*}The EDM Group are recognized because of its branch in Spain

EDM , ES: "EDM Investment" available at http://www,edm,es/en/asset-management/edm-inversion/ . Last seen 27 June 2016.

Banco Alcalá

TOTAL INVESTMENT IN ARMS:

2,000,744.27€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	2,000,744.27 €
	Total	2,000,744.27 €

 $85\,\%$ of Banco Alcalá was purchased by the national entity Credit Andorra. Andorran market leader. 2011

Euroagentes Gestión

TOTAL INVESTMENT IN ARMS:

120,285.01€

Bondholding and shareholding of arms companies (2011-2016)

Aı	rms companies	Most recent date	Value
Indra		31-3-2015	120,285.01 €
		Total	120,285.01€

Banco Caminos

TOTAL INVESTMENT IN ARMS:

988.578.74€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	922,968.74 €
Indra*	31-3-2015	65,610.00€
	Total	988,578.74€

^{*}Investment made by ArcoGest Banco Caminos realize the Acquisition ArcoGest, Source http://www,cnmv,es/Portal//HR/ResultadoBusquedaHR,aspx?nif=A-82656802

Fondo de Garantía de Depósitos de Entidades de Crédito

TOTAL INVESTMENT IN ARMS:

UNKNOWN

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Oesia	16-11-2015	unknown

Dux Inversores

TOTAL INVESTMENT IN ARMS:

87,480.01€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	87,480.01 €
	Total	87,480.01 €

Banco Mediolanum

TOTAL INVESTMENT IN ARMS:

56,333.69€

Arms companies	Most recent date	Value
Indra	31-7-2015	56,333.69€
	Total	56,333.69€

^{*} Ges Fibanc Sa Sgiic together with Banco Mediolanum S.A. are the Groupo Bancario Mediolanum.

⁻ Axesor: "E, d, m Group Import Sa Sucursal en España . Lleida. available at https://www.axesor.es/Informes-Empresas/2591790/EDM_GROUP_EXPORT_IMPORT_SA_SU-CURSAL_EN_ESPANA,html. Last seen 27 June 2016.

⁻ BANCO ALCALA " Quiénes somos" available at http://bancoalcala,com/es/quienes-somos-2. Last seen 27 June 2016.

⁻ Source: https://www,bancomediolanum,es/es-ES/pdf/fondos/fib/FFI_P_0012_0,pdf

Gesconsult (Gesconsult-Finconsult Group)

TOTAL INVESTMENT IN ARMS:

1,973,767.63€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	1,973,767.63 €
	Total	1,973,767.63€

Gesiuris Asset Management

TOTAL INVESTMENT IN ARMS:

220,887.01 €

Bondholding and shareholding of arms companies (2011-2016)

	Total	220,887.01 €
Indra	31-3-2015	220,887.01 €
Arms companies	Most recent date	Value

^{*}The draft Gesiuris Asset Management (Gesiuris) was consolidated in 2008 with the entry into the shareholder structure of Grupo Catalan Occidente - Source: http://gesiuris,com/quienes-somos/historia/. Last seen 27 June 2016.

Grupo Egeria

TOTAL INVESTMENT IN ARMS:	776.385.05€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	776,385.05 €
	Total	776,385.05€

GVC Gaesco Group

TOTAL INVESTMENT IN ARMS: 2,059,233.39 €

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	2,059,233.39€
	Total	2,059,233.39€

Inverseguros Group

TOTAL INVESTMENT IN ARMS:

120,285.01€

Bondholding and shareholding of arms companies (2011-2016)

	Total	120,285.01€
Indra	31-3-2015	120,285.01 €
Arms companies	Most recent date	Value

*Inverseguros Financial Group provides real estate and insurance companies operating in Spain among which its shareholders are:

- AEGON ESPAÑA, S.A.
- · ALLIANZ CÍA, DE SEGUROS Y REASEGUROS, S.A.
- BILBAO CÍA, ANÓNIMA DE SEGUROS Y REASEGUROS, S.A.
- CONSORCIO DE COMPENSACIÓN DE SEGUROS,
- MAPFRE GLOBAL RISKS. COMPAÑÍA INTERNACIONAL DE SEGUROS Y REASEGUROS,S.A.
- NACIONAL DE REASEGUROS, S.A.
- CNP VIDA DE SEGUROS Y REASEGUROS,S.A.
- RURAL VIDA DE SEGUROS Y REASEGUROS,S.A.
- ZURICH ESPAÑA CÍA DE SEGUROS Y REASEGUROS, S.A.
- AXA MEDITERRANEAN HOLDING, S.A. (antes HISPANOWIN S.A.) AXA Group
- D. ALBERTO DE LA PUENTE RUA
- Source: http://www,inmoseguros,es/grupo_inverseguros_servicio_inversores_en_mercados_financieros_e_inmobiliarios. Last views 27th June 2016.

Mapfre

TOTAL INVESTMENT IN ARMS:

1,243,036.21€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	1,243,036.21 €
	Total	1,243,036.21 €

Mercados y Gestión de Valuees A,V,

TOTAL INVESTMENT IN ARMS: 246,037.52 €

Arms companies	Most recent date	Value
Indra	31-3-2015	246,037.52 €
	Total	246,037.52€

Mutua Madrileña

TOTAL INVESTMENT IN ARMS:

24,044,771.72€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	24,044,771.72 €
	Total	24,044,771.72€

Privat Bank Patrimonio

TOTAL INVESTMENT IN ARMS:

946,822.80€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	297,513.22 €
Indra	30-9-2015	649,309.58€
	Total	946,822.80€

N+1 Group

TOTAL INVESTMENT IN ARMS:

37,484.36€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date 30-6-2015	Value 37.484.36 €
	Total	37,484.36 €

Riva y García

TOTAL INVESTMENT IN ARMS:

60,142.50€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	31-3-2015	60,142.50 €
	Total	60.142.50 €

^{*} Riva y García Private Banking provides advice through Banco de Alcalá, subsidiaries of Credit Andorra in Spain, in which Grupo Financiero Riva y García has a 10% stake, according to the Banco Alcalá materialized in 2013.

Novo Banco (Novo Banco Gestion. SGIIC)

TOTAL INVESTMENT IN ARMS:

806,364.99€

Bondholding and shareholding of arms companies (2011-2016)

	Total	806,364.99€
Indra	30-6-2015	806,364.99€
Arms companies	Most recent date	Value

Sociedad Estatal de Participaciones Industriales

TOTAL INVESTMENT IN ARMS:

368,193,459.82€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	11-3-2015	368,193,459.82€
Navantia	16-11-2015	unknown
	Total	368,193,459.82€

Renta 4 Banco

TOTAL INVESTMENT IN ARMS:

35,144,943.10€

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	21,724,475.14 €
Indra	30-9-2015	13,420,467.96 €
	Total	35,144,943.10€

Trea Capital Partners

TOTAL INVESTMENT IN ARMS:

202,618.15€

Arms companies	Most recent date	Value
Indra	30-6-2015	202,618.15€
	Total	202,618.15€

Allianz

TOTAL INVESTMENT IN ARMS:	108,493,290€
	128,608,113 USD

Bondholding and shareholding of arms companies (2011-2016)

ecent date	Value
3-2015	4,210,000 USD
3-2015	2,860,000 USD
3-2015	1,730,000 USD
6-2014	3,400,000 USD
3-2015	680,000 USD
3-2015	1,270,000 USD
3-2015	3,160,000 USD
3-2015	6,340,000 USD
5-2015	27,000 USD
6-2015	411,113 USD
3-2015	660,000 USD
3-2015	3,450,000 USD
3-2015	1,510,000 USD
3-2015	1,560,000 USD
3-2015	2,200,000 USD
2-2015	84,000,000 USD
9-2015	2,000,000 USD
3-2015	1,950,000 USD
3-2015	7,190,000 USD
Total	128,608,113 USD
	3-2015 3-2015 3-2015 3-2015 6-2014 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015 3-2015

American International Group (AIG)

TOTAL INVESTMENT IN ARMS:	58,494,947 €
	69,340,000 USD

Bondholding and shareholding of arms companies (2011-2016)

(2011-2010)		
Arms companies	Most recent date	Value
BAE Systems	31-3-2015	2,050,000 USD
Boeing	31-3-2015	590,000 USD
Finmeccanica	31-3-2015	1,120,000 USD
Fluor	31-3-2015	2,270,000 USD
General Dynamics	31-3-2015	1,030,000 USD
Honeywell International	31-3-2015	880,000 USD
Huntington Ingalls Industries	31-3-2015	1,070,000 USD
Lockheed Martin	31-3-2015	1,580,000 USD
Northrop Grumman	31-3-2015	1,620,000 USD
Orbital ATK	31-3-2015	3,150,000 USD
Raytheon	31-3-2015	960,000 USD
Textron	31-3-2015	1,020,000 USD
Textron	30-09-2015	52,000,000 USD
	Total	69,340,000 USD
		58,494,947 €

Aviva

TOTAL INVESTMENT IN ARMS:	8,718,396€
	10,334,800 USD

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Honeywell International	31-3-15	740,000 USD
Northrop Grumman	31-3-15	710,000 USD
Safran	31-3-15	4,200,000 USD
Indra	30-6-15	3,594,800 USD
	Total	10,334,800 USD
		8,718,396€

Axa

TOTAL INVESTMENT IN ARMS:	13,900,221€
	16 477 344 USD

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	31-3-2015	1,340,000 USD
BAE Systems	18-2-2015	5,060,000 USD
Finmeccanica	31-12-2014	540,000 USD
Lockheed Martin	31-3-2015	800,000 USD
Northrop Grumman	31-3-2015	1,910,000 USD
Raytheon	31-3-2015	1,380,000 USD
Serco	1-7-2015	4,930,000 USD
Indra	31-7-2015	517,344 USD
	Total	16,477,344 USD
		13,900,221€

Banca Privada de Andorra

TOTAL INIVECTMENT IN ADMC.	1 120 007 €
TOTAL INVESTMENT IN ARMS:	1.129.007 €

Arms companies	Most recent date	Value
Indra	6-30-2015	1,129,007€
	Total	1,129,007€

^{*}The rate of exchange between euros and dollars is the US Federal Reserve calculating the annual average for the period,

Bank of America

TOTAL INVESTMENT IN ARMS:	12,881,730,543€
	15,270,023,261 USD

Loans to arms companies (2011-2016)

Louis to arms comp	cs (2011 2010)	
Arms companies	Most recent date	Value
Aecom	13-7-2011	157,000,000 USD
Aecom	23-9-2011	120,000,000 USD
Aecom	14-10-2011	70,000,000 USD
Aecom	14-10-2011	100,000,000 USD
Aecom	2-3-2012	66,600,000 USD
Aecom	7-6-2013	150,000,000 USD
Aecom	16-12-2013	65,500,000 USD
Aecom	16-12-2013	96,100,000 USD
Aecom	16-12-2013	3,900,000 USD
Aecom	29-1-2014	105,000,000 USD
Aecom	11-8-2014	154,000,000 USD
Aecom	11-8-2014	95,000,000 USD
Aecom	11-8-2014	105,000,000 USD
Aecom	11-8-2014	40,000,000 USD
Aerojet Rocketdyne	30-5-2014	8,000,000 USD
Aerojet Rocketdyne	30-5-2014	15,000,000 USD
Airbus Group	14-3-2011	75,600,000 USD
Airbus Group	14-10-2014	66,000,000 USD
Babcock & Wilcox	22-5-2012	70,000,000 USD
Babcock & Wilcox	11-5-2015	40,000,000 USD
Babcock & Wilcox	11-5-2015	32,000,000 USD
Babcock & Wilcox	11-5-2015	48,000,000 USD
BAE Systems	8-12-2010	131,700,000 USD
BAE Systems	12-12-2013	130,700,000 USD
Bechtel	2-6-2011	258,300,000 USD
Bechtel	2-6-2011	158,300,000 USD
Bechtel	27-7-2012	195,000,000 USD
Bechtel	14-6-2013	150,000,000 USD
Bechtel	14-6-2013	300,000,000 USD
Bechtel	19-9-2014	300,000,000 USD
Bechtel	19-9-2014	150,000,000 USD
Bechtel	19-9-2014	200,000,000 USD
Boeing	5-11-2011	42,800,000 USD
Boeing	23-9-2014	125,000,000 USD
Boeing	23-9-2014	125,000,000 USD
CH2M Hill	6-12-2010	120,000,000 USD
CH2M Hill	19-4-2012	72,000,000 USD
CH2M Hill	22-3-2014	220,000,000 USD
Finmeccanica	28-7-2010	190,800,000 USD
Finmeccanica	9-7-2014	100,100,000 USD
Finmeccanica	6-7-2015	90,100,000 USD
Fluor	14-12-2010	240,000,000 USD
Fluor	7-11-2012	270,000,000 USD
Fluor	28-5-2014	255,000,000 USD
Fluor	28-5-2014	270,000,000 USD
General Dynamics	14-7-2011	80,000,000 USD
General Dynamics	21-6-2013	125,000,000 USD
Honeywell International	17-3-2011	62,200,000 USD
Honeywell International	30-3-2012	128,600,000 USD
Honeywell International	18-11-2013	72,700,000 USD
Honeywell International	30-6-2015	480,000,000 USD
Huntington Ingalls Industries	23-9-2013	26,700,000 USD
Huntington Ingalls Industries	23-9-2013	35,500,000 USD

Arms companies	Most recent date	Value
Huntington Ingalls Industries	13-7-2015	125,000,000 USD
Jacobs Engineering	23-3-2012	154,600,000 USD
Jacobs Engineering	7-2-2014	152,000,000 USD
Jacobs Engineering	7-2-2014	61,300,000 USD
Jacobs Engineering	5-3-2015	61,300,000 USD
Jacobs Engineering	5-3-2015	152,000,000 USD
Lockheed Martin	26-8-2011	120,000,000 USD
Lockheed Martin	14-8-2014	120,000,000 USD
Moog	18-3-2011	49,100,000 USD
Moog	28-3-2013	107,500,000 USD
Moog	22-5-2014	110,000,000 USD
Northrop Grumman	31-3-2011	21,600,000 USD
Northrop Grumman	31-3-2011	24,400,000 USD
Northrop Grumman	18-8-2012	12,500,000 USD
Orbital ATK	9-9-2010	32,000,000 USD
Orbital ATK	9-9-2010	48,000,000 USD
Orbital ATK	3-9-2012	20,000,000 USD
Orbital ATK	8-10-2013	25,000,000 USD
Orbital ATK	8-10-2013	67,300,000 USD
Orbital ATK	8-10-2013	46,700,000 USD
Orbital ATK	24-6-2014	15,000,000 USD
Raytheon	13-12-2011	280,000,000 USD
Serco	21-2-2012	72,500,000 USD
Serco	12-3-2015	8,900,000 USD
Serco	12-3-2015	44,600,000 USD
Textron	30-9-2013	100,000,000 USD
Textron	23-1-2014	50,000,000 USD
Maxam	29-7-2014	20,860,952 USD
Maxam	29-7-2014	5,959,493 USD
Maxam	29-7-2014	4,482,857 USD
Maxam	29-7-2014	15,689,959 USD
	Total	8,916,493,261 USD
		17,521,918,049€

Issuance of bonds and commercial papers of arms companies (2011-2016)

companies (2011-20	010)	
Arms companies	Most recent date	Value
Airbus Group	4-4-2013	491,500,000 USD
Airbus Group	9-4-2013	597,400,000 USD
Airbus Group	9-4-2013	597,400,000 USD
Airbus Group	1-8-2013	166,000,000 USD
Safran	15-11-2013	304,600,000 USD
Safran	3-3-2015	1,152,900,000 USD
Serco	1-5-2014	134,900,000 USD
Serco	16-4-2015	156,900,000 USD
Serco	16-4-2015	94,200,000 USD
Serco	16-4-2015	12,300,000 USD
Serco	16-4-2015	7,400,000 USD
Aecom	8-3-2012	100,000,000 USD
Aecom	8-3-2012	150,000,000 USD
Aecom	17-9-2014	80,000,000 USD
Aecom	17-9-2014	80,000,000 USD
BAE Systems	30-5-2012	154,800,000 USD
Boeing	30-4-2013	9,500,000 USD
Boeing	28-10-2014	24,800,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	8,800,000 USD
Boeing	18-2-2015	5,750,000 USD

Bank of America (cont,)

Arms companies	Most recent date	Value
Boeing	18-2-2015	7,500,000 USD
Boeing	18-2-2015	19,400,000 USD
Finmeccanica	26-11-2013	59,400,000 USD
Finmeccanica	17-1-2014	19,900,000 USD
Fluor	18-11-2014	150,000,000 USD
General Dynamics	1-11-2012	90,000,000 USD
General Dynamics	1-11-2012	100,000,000 USD
General Dynamics	1-11-2012	50,000,000 USD
Honeywell International	18-11-2013	10,000,000 USD
Honeywell International	18-11-2013	23,300,000 USD
Huntington Ingalls Industries	17-11-2014	60,000,000 USD
Lockheed Martin	12-2-2015	60,000,000 USD
Lockheed Martin	12-2-2015	40,000,000 USD
Lockheed Martin	12-2-2015	80,000,000 USD
MOOG	18-11-2014	40,000,000 USD
Northrop Grumman	28-5-2013	25,500,000 USD
Northrop Grumman	28-5-2013	31,500,000 USD
Northrop Grumman	28-5-2013	28,500,000 USD
Northrop Grumman	3-2-2015	60,000,000 USD
Orbital ATK	22-10-2013	50,000,000 USD
Raytheon	27-11-2012	88,000,000 USD
Raytheon	24-11-2014	78,000,000 USD
Raytheon	24-11-2014	78,000,000 USD
Safran	9-2-2012	77,500,000 USD
Safran	9-2-2012	270,000,000 USD
Safran	9-2-2012	252,500,000 USD

Arms companies	Most recent date	Value
Textron	23-1-2014	25,000,000 USD
Textron	23-1-2014	35,000,000 USD
Textron	23-10-2014	88,500,000 USD
	Total	6,335,650,000 USD
		5,344,728,997 €

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	31-3-2015	1,350,000 USD
Boeing	31-3-2015	1,360,000 USD
Fluor	31-3-2015	540,000 USD
General Dynamics	31-3-2015	1,600,000 USD
Honeywell International	31-3-2015	1,910,000 USD
Huntington Ingalls Industries	31-3-2015	1,360,000 USD
Jacobs Engineering	31-3-2015	680,000 USD
Lockheed Martin	31-3-2015	1,970,000 USD
MOOG	31-3-2015	910,000 USD
Northrop Grumman	31-3-2015	1,260,000 USD
Orbital ATK	31-3-2015	1,040,000 USD
Raytheon	31-3-2015	3,900,000 USD
	Total	17,880,000 USD
		15,083,496 €

Bank of China (ICBC)

TOTAL INVESTMENT IN ARMS: 675,633,194 € 800,896,630 USD

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Boeing	5-11-2011	41,800,000 USD
Boeing	23-9-2014	50,000,000 USD
Boeing	23-9-2014	50,000,000 USD
Finmeccanica	9-7-2014	100,100,000 USD
Finmeccanica	6-7-2015	60,800,000 USD
Honeywell International	18-11-2013	72,700,000 USD
Textron	23-1-2014	20,000,000 USD
Maxam	29-7-2014	10,430,476 USD
Maxam	29-7-2014	2,979,746 USD
Maxam	29-7-2014	2,241,429 USD
Maxam	29-7-2014	7,844,980 USD
	Total	418,896,630 USD
		353,379,522€

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
China Aereospace Science & Industry	18-7-2012	20,000,000 USD
China Aereospace Science & Industry	7-3-2014	21,000,000 USD
China Aereospace Science & Industry	17-7-2014	14,000,000 USD
China Aereospace Science & Industry	21-5-2015	89,000,000 USD
China Aereospace Science & Industry	17-10-2012	15,000,000 USD
Norinco	1-4-2013	10,000,000 USD
Norinco	1-8-2013	7,000,000 USD
Norinco	28-4-2014	8,000,000 USD
Norinco	16-5-2014	9,000,000 USD
Norinco	23-9-2014	60,000,000 USD
Norinco	15-9-2014	6,000,000 USD
Norinco	23-9-2014	61,000,000 USD
Norinco	10-10-2014	57,000,000 USD
Norinco	25-11-2015	5,000,000 USD
	Total	382,000,000 USD
		322,253,672€

Barclays

TOTAL INVESTMENT IN ARMS: 4,186,402,917 € 4,962,568,477 USD

Loans to arms companies (2011-2016)

Most recent date Value Arms companies 2-3-2012 43,000,000 USD Aecom Aecom 16-12-2013 39,000,000 USD Aecom 16-12-2013 58,000,000 USD 2,000,000 USD Aecom 16-12-2013 Aecom 29-1-2014 39,000,000 USD Aecom 11-8-2014 77,000,000 USD Aecom 11-8-2014 59,000,000 USD Aecom 11-8-2014 20,000,000 USD Airbus Group 14-3-2011 163,000,000 USD Airbus Group 14-10-2014 134,000,000 USD 132,000,000 USD **BAE Systems** 8-12-2010 **BAE Systems** 12-12-2013 131,000,000 USD **Bechtel** 100,000,000 USD 14-6-2013 **Bechtel** 200,000,000 USD 14-6-2013 Boeing 5-11-2011 42,000,000 USD Boeing 23-9-2014 90,000,000 USD 23-9-2014 90,000,000 USD **Boeing** Engility 23-4-2014 79,000,000 USD Engility 23-4-2014 50,000,000 USD Engility 23-4-2014 10,000,000 USD Engility 25-11-2014 218,000,000 USD Engility 25-11-2014 75,000,000 USD Engility 25-11-2014 20,000,000 USD 85,000,000 USD Finmeccanica 28-7-2010 Finmeccanica 9-7-2014 100,000,000 USD Finmeccanica 6-7-2015 45,000,000 USD Fluor 14-12-2010 90,000,000 USD Fluor 28-5-2014 227,000,000 USD Fluor 28-5-2014 240,000,000 USD General Dynamics 14-7-2011 35,000,000 USD Honeywell International 17-3-2011 62,000,000 USD Honeywell International 129,000,000 USD 30-3-2012 Honeywell International 18-11-2013 73,000,000 USD Honeywell International 30-6-2015 400,000,000 USD Jacobs Engineering 7-2-2014 62,000,000 USD 50,000,000 USD Lockheed Martin 14-8-2014 Maxam 27-12-2012 16,159,600 USD Maxam 27-12-2012 752,528 USD 27-12-2012 6,023,520 USD Maxam Maxam 29-7-2014 31,290,086 USD 8,940,580 USD Maxam 29-7-2014 7,845,000 USD Maxam 7-29-2015 7-29-2015 27,457,429 USD Maxam Northrop Grumman 13,000,000 USD 18-8-2012 Serco 21-2-2012 72,000,000 USD Serco 12-3-2015 9,000,000 USD Serco 12-3-2015 45,000,000 USD Thales 17-12-2010 88,000,000 USD Thales 19-12-2014 122,000,000 USD 3,916,468,743 USD Total 3,303,917,366€

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Serco	16-4-2015	94,000,000 USD
Serco	16-4-2015	7,000,000 USD
Airbus Group	20-10-2014	96,000,000 USD
Boeing	30-4-2013	50,000,000 USD
Boeing	28-10-2014	15,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	18-2-2015	6,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Boeing	18-2-2015	12,000,000 USD
Finmeccanica	28-11-2012	71,000,000 USD
Finmeccanica	26-11-2013	59,000,000 USD
Finmeccanica	17-1-2014	20,000,000 USD
Fluor	18-11-2014	10,000,000 USD
General Dynamics	1-11-2012	39,000,000 USD
General Dynamics	1-11-2012	43,000,000 USD
General Dynamics	1-11-2012	21,000,000 USD
Honeywell International	18-11-2013	10,000,000 USD
Honeywell International	18-11-2013	23,000,000 USD
Larsen & Toubro	29-3-2012	49,000,000 USD
Larsen & Toubro	10-4-2012	49,000,000 USD
Larsen & Toubro	21-1-2015	5,000,000 USD
Larsen & Toubro	21-1-2015	5,000,000 USD
Lockheed Martin	12-2-2015	14,000,000 USD
Lockheed Martin	12-2-2015	9,000,000 USD
Lockheed Martin	12-2-2015	18,000,000 USD
Northrop Grumman	28-5-2013	26,000,000 USD
Northrop Grumman	28-5-2013	32,000,000 USD
Northrop Grumman	28-5-2013	29,000,000 USD
Raytheon	27-11-2012	60,000,000 USD
Raytheon	24-11-2014	8,000,000 USD
Raytheon	24-11-2014	8,000,000 USD
Serco	13-5-2013	10,000,000 USD
Serco	13-5-2013	35,000,000 USD
Serco	13-5-2013	75,000,000 USD
	Total	1,034,000,000 USD
		872,278,264€

Arms companies	Most recent date	Value
BAE Systems	18-2-2015	3,980,000 USD
Hanwha	30-11-2015	6,000,000 USD
Indra	30-06-2015	6,099,733 USD
	Total	12,099,733 USD
		10,207,287€

BlackRock

TOTAL INVESTMENT IN ARMS:

143,495,680€

170,100,000 USD

Bondholding and shareholding of arms companies (2011-2016)

Most recent date	Value
30-6-2015	8,960,000 USD
30-6-2015	10,100,000 USD
31-12-2014	6,710,000 USD
31-7-2015	800,000 USD
18-2-2015	6,400,000 USD
30-6-2015	4,830,000 USD
30-6-2015	4,260,000 USD
31-7-2015	1,610,000 USD
30-6-2015	5,380,000 USD
30-6-2015	5,590,000 USD
30-6-2015	5,740,000 USD
30-6-2015	6,910,000 USD
30-6-2015	6,730,000 USD
31-7-2015	1,310,000 USD
30-6-2015	6,080,000 USD
30-6-2015	10,820,000 USD
30-6-2015	7,350,000 USD
30-6-2015	7,290,000 USD
30-6-2015	8,730,000 USD
30-6-2015	2,270,000 USD
11-3-2015	2,960,000 USD
	30-6-2015 30-6-2015 31-12-2014 31-7-2015 18-2-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015 30-6-2015

Arms companies	Most recent date	Value
Textron	30-6-2015	5,180,000 USD
Thales	31-7-2015	1,250,000 USD
Aecom	31-5-2015	5,350,000 USD
Airbus Group	31-5-2015	750,000 USD
BAE Systems	31-3-2015	500,000 USD
Boeing	31-5-2015	1,570,000 USD
Finmeccanica	30-11-2014	3,030,000 USD
Fluor	31-5-2015	600,000 USD
General Dynamics	31-5-2015	1,710,000 USD
Honeywell International	31-3-2015	1,710,000 USD
Huntington Ingalls Industries	31-5-2015	3,500,000 USD
Lockheed Martin	31-5-2015	1,800,000 USD
Northrop Grumman	31-5-2015	1,780,000 USD
Raytheon	31-5-2015	1,470,000 USD
Textron	31-5-2015	560,000 USD
Thales	31-5-2015	1,220,000 USD
Indra	30-11-2014	11,357,000 USD
Indra	16-11-2015	5,933,000 USD
	Total	170,100,000 USD
		143,495,680€

BNP PariBas

TOTAL INVESTMENT IN ARMS:

7,112,803,481 €

8,431,528,221 USD

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	13-7-2011	157,500,000 USD
Aecom	14-10-2011	70,000,000 USD
Aecom	14-10-2011	100,000,000 USD
Aecom	2-3-2012	42,900,000 USD
Aecom	7-6-2013	20,500,000 USD
Aecom	16-12-2013	65,500,000 USD
Aecom	16-12-2013	96,100,000 USD
Aecom	16-12-2013	3,900,000 USD
Aecom	29-1-2014	105,000,000 USD
Aecom	11-8-2014	154,000,000 USD
Aecom	11-8-2014	95,000,000 USD
Aecom	11-8-2014	10,000,000 USD
Aecom	11-8-2014	40,000,000 USD
Airbus Group	14-3-2011	162,900,000 USD
Airbus Group	14-10-2014	134,000,000 USD
Babcock & Wilcox	22-5-2012	70,000,000 USD
Babcock & Wilcox	11-5-2015	40,000,000 USD

Arms companies	Most recent date	Value
Babcock & Wilcox	11-5-2015	32,000,000 USD
Babcock & Wilcox	11-5-2015	48,000,000 USD
BAE Systems	8-12-2010	131,700,000 USD
BAE Systems	12-12-2013	130,700,000 USD
Bechtel	2-6-2011	258,300,000 USD
Bechtel	2-6-2011	158,300,000 USD
Bechtel	27-7-2012	195,000,000 USD
Bechtel	14-6-2013	150,000,000 USD
Bechtel	14-6-2013	300,000,000 USD
Bechtel	19-9-2014	300,000,000 USD
Bechtel	19-9-2014	150,000,000 USD
Bechtel	19-9-2014	200,000,000 USD
Boeing	5-11-2011	41,800,000 USD
Boeing	23-9-2014	90,000,000 USD
Boeing	23-9-2014	90,000,000 USD
CH2M Hill	6-12-2010	120,000,000 USD
CH2M Hill	19-4-2012	135,000,000 USD

BNP PariBas (cont,)

Arms companies	Most recent date	Value
Finmeccanica	28-7-2010	190,900,000 USD
Finmeccanica	9-7-2014	150,100,000 USD
Finmeccanica	6-7-2015	153,100,000 USD
Fluor	14-12-2010	240,000,000 USD
Fluor	7-11-2012	270,000,000 USD
Fluor	28-5-2014	255,000,000 USD
Fluor	28-5-2014	270,000,000 USD
Honeywell International	17-3-2011	62,000,000 USD
Honeywell International	30-3-2012	128,000,000 USD
Honeywell International	18-11-2013	72,000,000 USD
Jacobs Engineering	23-3-2012	139,000,000 USD
Jacobs Engineering	23-3-2012	154,700,000 USD
Jacobs Engineering	7-2-2014	62,200,000 USD
Jacobs Engineering	7-2-2014	152,000,000 USD
Jacobs Engineering	7-2-2014	61,300,000 USD
Jacobs Engineering	5-3-2015	61,300,000 USD
Jacobs Engineering	5-3-2015	152,000,000 USD
Northrop Grumman	31-3-2011	21,600,000 USD
Northrop Grumman	31-3-2011	24,400,000 USD
Northrop Grumman	8-9-2011	128,600,000 USD
Northrop Grumman	18-8-2012	12,500,000 USD
Navantia	3-18-2015	48,400,000 USD
Orbital ATK	9-9-2010	14,100,000 USD
Orbital ATK	9-9-2010	21,200,000 USD
Safran	18-11-2010	121,300,000 USD
Safran	21-10-2011	176,000,000 USD
	17-12-2010	107,900,000 USD
Thales		
Thales Thales	19-12-2014	122,300,000 USD
	19-12-2014 Total	122,300,000 USD 7,270,000,000 USD

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	17-9-2014	80,000,000 USD
Aecom	17-9-2014	80,000,000 USD
Airbus Group	26-6-2015	93,100,000 USD

Arms companies	Most recent date	Value
BAE Systems	30-5-2012	154,800,000 USD
Boeing	30-4-2013	9,500,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	8,800,000 USD
Boeing	28-10-2014	15,000,000 USD
Boeing	18-2-2015	7,500,000 USD
Boeing	18-2-2015	7,900,000 USD
Boeing	18-2-2015	13,800,000 USD
Finmeccanica	28-11-2012	70,700,000 USD
Finmeccanica	26-11-2013	59,400,000 USD
Finmeccanica	17-1-2014	19,900,000 USD
Fluor	18-11-2014	85,000,000 USD
Honeywell International	18-11-2013	10,000,000 USD
Honeywell International	18-11-2013	23,300,000 USD
Larsen & Toubro	9-9-2014	66,700,000 USD
Northrop Grumman	28-5-2013	25,500,000 USD
Northrop Grumman	28-5-2013	31,500,000 USD
Northrop Grumman	28-5-2013	28,500,000 USD
Northrop Grumman	3-2-2015	24,000,000 USD
Raytheon	27-11-2012	60,000,000 USD
Raytheon	24-11-2014	8,300,000 USD
Raytheon	24-11-2014	8,300,000 USD
Thales	13-3-2013	92,600,000 USD
Thales	13-3-2013	55,500,000 USD
	Total	1,148,600,000 USD
		968,954,366 €

Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	30-9-2015	1,480,605 USD
Indra	30-06-2011	447,616 USD
Thales	30-11-2014	700,000 USD
	Total	12,928,221 USD
		10,906,196€

BPCE

TOTAL INVESTMENT IN ARMS: 219,440,035 €

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Navantia	10-8-2013	27,256,922 €
	Total	27,256,922€

Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Indra	8-5-2013	78,939,744 €
Indra	15-7-2014	81,997,619€
	Total	160,937,363 €

Arms companies	Most recent date	Value
Indra	10-8-2013	31,245,749€
	Total	31,245,749€

Citi Group - Bank

TOTAL INVESTMENT IN ARMS:

12,387,565,600€

14,684,239,375 USD

Loans to arms companies (2011-2016)

Loans to arms compa		
Arms companies	Most recent date	Value
Aecom	14-10-2011	70,000,000 USD
Aecom	14-10-2011	100,000,000 USD
Aecom	2-3-2012	67,000,000 USD
Aecom	16-12-2013	66,000,000 USD
Aecom	16-12-2013	96,000,000 USD
Aecom	16-12-2013	4,000,000 USD
Aerojet Rocketdyne	30-5-2014	8,000,000 USD
Aerojet Rocketdyne	30-5-2014	15,000,000 USD
Airbus Group	14-3-2011	163,000,000 USD
Airbus Group	14-10-2014	134,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Bechtel	2-6-2011	258,000,000 USD
Bechtel	2-6-2011	158,000,000 USD
Bechtel	27-7-2012	146,000,000 USD
Bechtel	14-6-2013	150,000,000 USD
Bechtel	14-6-2013	300,000,000 USD
Bechtel	19-9-2014	300,000,000 USD
Bechtel	19-9-2014	150,000,000 USD
Bechtel	19-9-2014	120,000,000 USD
Boeing	5-11-2011	460,000,000 USD
Boeing	29-9-2012	690,000,000 USD
Boeing	29-9-2012	690,000,000 USD
Boeing	7-11-2013	818,000,000 USD
Boeing	7-11-2013	798,000,000 USD
Boeing	23-9-2014	175,000,000 USD
Boeing	23-9-2014	175,000,000 USD
Finmeccanica	28-7-2010	85,000,000 USD
Finmeccanica	9-7-2014	100,000,000 USD
Finmeccanica	6-7-2015	90,000,000 USD
Fluor	7-11-2012	270,000,000 USD
Fluor	28-5-2014	255,000,000 USD
Fluor	28-5-2014	270,000,000 USD
Honeywell International	17-3-2011	560,000,000 USD
Honeywell International	30-3-2012	600,000,000 USD
Honeywell International	18-11-2013	800,000,000 USD
Honeywell International	30-6-2015	480,000,000 USD
Huntington Ingalls Industries	23-9-2013	27,000,000 USD
Huntington Ingalls Industries	23-9-2013	35,000,000 USD
Lockheed Martin	26-8-2011	120,000,000 USD
Lockheed Martin	14-8-2014	120,000,000 USD
Northrop Grumman	8-9-2011	150,000,000 USD
Northrop Grumman	18-8-2012	50,000,000 USD
Northrop Grumman	29-8-2013	355,000,000 USD
Northrop Grumman	19-6-2015	320,000,000 USD
Orbital ATK	8-10-2013	14,000,000 USD
Orbital ATK	8-10-2013	17,000,000 USD
Orbital ATK	8-10-2013	12,000,000 USD
Orbital ATK	24-6-2014	7,000,000 USD
Orbital ATK	29-09-2015	46,000,000 USD
Orbital ATK	29-09-2015	57,000,000 USD
Raytheon	13-12-2011	76,000,000 USD

Arms companies	Most recent date	Value
Safran	18-11-2010	121,000,000 USD
Textron	30-9-2013	100,000,000 USD
Textron	23-1-2014	50,000,000 USD
Thales	17-12-2010	88,000,000 USD
	Total	11,649,000,000 USD
		9,827,049,804€

Issuance of bonds and commercial papers of arms companies (2011-2016) Arms companies Most recent date Value

Arms companies	Most recent date	Value
Aecom	8-3-2012	100,000,000 USD
Aecom	8-3-2012	150,000,000 USD
Aerojet Rocketdyne	18-1-2013	115,000,000 USD
BAE Systems	30-9-2014	267,000,000 USD
BAE Systems	30-9-2014	100,000,000 USD
Boeing	30-4-2013	35,000,000 USD
Boeing	28-10-2014	25,000,000 USD
Boeing	28-10-2014	25,000,000 USD
Boeing	28-10-2014	41,000,000 USD
Boeing	18-2-2015	28,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Finmeccanica	28-11-2012	71,000,000 USD
Finmeccanica	26-11-2013	59,000,000 USD
Finmeccanica	17-1-2014	20,000,000 USD
Fluor	18-11-2014	34,000,000 USD
Honeywell International	18-11-2013	10,000,000 USD
Honeywell International	18-11-2013	23,000,000 USD
Indra	10-8-2013	127,239,375 USD
Larsen & Toubro	12-6-2014	17,000,000 USD
Larsen & Toubro	26-2-2015	26,000,000 USD
Larsen & Toubro	9-9-2014	67,000,000 USD
Lockheed Martin	12-2-2015	60,000,000 USD
Lockheed Martin	12-2-2015	40,000,000 USD
Lockheed Martin	12-2-2015	80,000,000 USD
Northrop Grumman	28-5-2013	57,000,000 USD
Northrop Grumman	28-5-2013	70,000,000 USD
Northrop Grumman	28-5-2013	63,000,000 USD
Northrop Grumman	3-2-2015	24,000,000 USD
Raytheon	27-11-2012	88,000,000 USD
Raytheon	24-11-2014	30,000,000 USD
Raytheon	24-11-2014	30,000,000 USD
Safran	15-11-2013	305,000,000 USD
Safran	9-2-2012	78,000,000 USD
Safran	9-2-2012	270,000,000 USD
Safran	9-2-2012	253,000,000 USD
Textron	23-1-2014	25,000,000 USD
Textron	23-1-2014	35,000,000 USD
Textron	23-10-2014	22,000,000 USD
Thales	13-3-2013	93,000,000 USD
Thales	13-3-2013	56,000,000 USD
	Total	3,035,239,375 USD
		2,560,515,796€

Commerzbank

TOTAL INVESTMENT IN ARMS: 1,679,209,926€

1,990,538,038 USD

Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	11,017,909 USD
Maxam	27-12-2012	4,106,945 USD
Maxam	29-07-2014	15,645,714 USD
Maxam	29-07-2015	11,767,469 USD
Aecom	11-8-2014	77,000,000 USD
Aecom	11-8-2014	59,000,000 USD
Aecom	11-8-2014	47,000,000 USD
Aecom	11-8-2014	20,000,000 USD
Airbus Group	14-3-2011	163,000,000 USD
Airbus Group	14-10-2014	134,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Boeing	5-11-2011	42,000,000 USD
Boeing	23-9-2014	30,000,000 USD
Boeing	23-9-2014	30,000,000 USD
Finmeccanica	28-7-2010	85,000,000 USD
Finmeccanica	9-7-2014	150,000,000 USD
Finmeccanica	6-7-2015	139,000,000 USD
Safran	18-11-2010	121,000,000 USD
Serco	21-2-2012	72,000,000 USD
Serco	12-3-2015	45,000,000 USD
Thales	17-12-2010	108,000,000 USD
Thales	19-12-2014	122,000,000 USD
	Total	1,749,538,038 USD
		1,475,903,290€

Issuance of bonds and commercial papers of arms companies (2011-2016)

``````	<b>.</b>	
Arms companies	Most recent date	Value
Airbus Group	20-10-2014	64,000,000 USD
Boeing	30-4-2013	10,000,000 USD
Boeing	28-10-2014	4,000,000 USD
Boeing	28-10-2014	4,000,000 USD
Boeing	18-2-2015	3,000,000 USD
Boeing	18-2-2015	3,000,000 USD
Boeing	18-2-2015	3,000,000 USD
Finmeccanica	28-11-2012	71,000,000 USD
Finmeccanica	26-11-2013	59,000,000 USD
Finmeccanica	17-1-2014	20,000,000 USD
	Total	241,000,000 USD
		203,306,636€

# **Crédit Agricole**

**TOTAL INVESTMENT IN ARMS:** 4,634,369,226€ 5,493,588,431 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	29-1-2014	39,000,000 USD
Aecom	11-8-2014	77,000,000 USD
Aecom	11-8-2014	59,000,000 USD
Aecom	11-8-2014	47,000,000 USD
Aecom	11-8-2014	20,000,000 USD
Airbus Group	14-3-2011	163,000,000 USD
Airbus Group	14-10-2014	134,000,000 USD
Babcock & Wilcox	22-5-2012	32,000,000 USD
Babcock & Wilcox	11-5-2015	40,000,000 USD
Babcock & Wilcox	11-5-2015	32,000,000 USD
Babcock & Wilcox	11-5-2015	48,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Bechtel	2-6-2011	258,000,000 USD

Arms companies	Most recent date	Value
Bechtel	2-6-2011	158,000,000 USD
Bechtel	27-7-2012	146,000,000 USD
Bechtel	14-6-2013	100,000,000 USD
Bechtel	14-6-2013	200,000,000 USD
Bechtel	19-9-2014	200,000,000 USD
Bechtel	19-9-2014	100,000,000 USD
Bechtel	19-9-2014	120,000,000 USD
Boeing	5-11-2011	42,000,000 USD
Boeing	23-9-2014	60,000,000 USD
Boeing	23-9-2014	60,000,000 USD
Finmeccanica	9-7-2014	100,000,000 USD
Finmeccanica	6-7-2015	139,000,000 USD
Fluor	14-12-2010	90,000,000 USD
Fluor	7-11-2012	180,000,000 USD

### **Crédit Agricole (cont,)**

Arms companies	Most recent date	Value
Honeywell International	17-3-2011	62,000,000 USD
Honeywell International	18-11-2013	73,000,000 USD
Lockheed Martin	26-8-2011	90,000,000 USD
Lockheed Martin	14-8-2014	120,000,000 USD
Safran	18-11-2010	255,000,000 USD
Safran	21-10-2011	176,000,000 USD
Serco	21-2-2012	72,000,000 USD
Serco	12-3-2015	9,000,000 USD
Serco	12-3-2015	45,000,000 USD
Thales	17-12-2010	108,000,000 USD
Thales	17-12-2010	88,000,000 USD
Thales	19-12-2014	122,000,000 USD
Navantia	18-03-2015	58,099,609 USD
	Total	4,185,099,609 USD
		3,530,533,290€

Arms companies	Most recent date	Value
Boeing	18-2-2015	7,900,000 USD
Finmeccanica	28-11-2012	70,700,000 USD
Finmeccanica	26-11-2013	59,400,000 USD
Finmeccanica	17-1-2014	19,900,000 USD
Fluor	18-11-2014	17,500,000 USD
Lockheed Martin	12-2-2015	13,500,000 USD
Lockheed Martin	12-2-2015	9,000,000 USD
Lockheed Martin	12-2-2015	18,000,000 USD
Raytheon	27-11-2012	60,000,000 USD
Raytheon	24-11-2014	8,300,000 USD
Raytheon	24-11-2014	8,300,000 USD
Thales	13-3-2013	92,600,000 USD
Thales	13-3-2013	55,500,000 USD
	Total	1,294,500,000 USD
		1,092,035,022€

### Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	9-4-2013	597,400,000 USD
Serco	16-4-2015	94,300,000 USD
Serco	16-4-2015	7,300,000 USD
Airbus Group	20-10-2014	96,000,000 USD
Boeing	30-4-2013	9,500,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	18,100,000 USD
Boeing	18-2-2015	5,800,000 USD
Boeing	18-2-2015	7,500,000 USD

### Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	30-6-2015	1,060,000 USD
Finmeccanica	30-6-2015	900,000 USD
Moog	31-3-2015	690,000 USD
Safran	30-6-2015	1,170,000 USD
Thales	30-6-2015	1,150,000 USD
Finmeccanica	30-4-2014	520,000 USD
Thales	31-12-2014	560,000 USD
Indra	30-6-2015	6,666,965 USD
Indra	3-31-2015	1,271,857 USD
	Total	13,988,822 USD
		11,800,914€

### **Crédit Suisse**

TOTAL INVESTMENT IN ARMS:	1,175,040,006€
	1,392,894,236 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	14-3-2011	76,000,000 USD
Airbus Group	14-10-2014	66,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
Boeing	5-11-2011	42,000,000 USD
Boeing	23-9-2014	90,000,000 USD
Boeing	23-9-2014	90,000,000 USD
Huntington Ingalls Industries	23-9-2013	27,000,000 USD
Huntington Ingalls Industries	23-9-2013	35,000,000 USD
Northrop Grumman	31-3-2011	58,000,000 USD
Northrop Grumman	31-3-2011	65,000,000 USD

Arms companies	Most recent date	Value
Northrop Grumman	18-8-2012	13,000,000 USD
Raytheon	13-12-2011	76,000,000 USD
	Total	770,000,000 USD
		649,568,920 €

### **Crédit Suisse (cont,)**

# Issuance of bonds and commercial papers of arms companies (2011-2016)

companies (2011 20	, 10,	
Arms companies	Most recent date	Value
Larsen & Toubro	14-3-2014	95,000,000 USD
Boeing	30-4-2013	10,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	34,000,000 USD
Boeing	18-2-2015	6,000,000 USD
Boeing	18-2-2015	21,000,000 USD
Boeing	18-2-2015	8,000,000 USD
General Dynamics	1-11-2012	39,000,000 USD
General Dynamics	1-11-2012	43,000,000 USD
General Dynamics	1-11-2012	21,000,000 USD
Huntington Ingalls Industries	17-11-2014	60,000,000 USD
Northrop Grumman	28-5-2013	26,000,000 USD
Northrop Grumman	28-5-2013	32,000,000 USD
Northrop Grumman	28-5-2013	29,000,000 USD

Arms companies	Most recent date	Value
Northrop Grumman	3-2-2015	24,000,000 USD
Raytheon	27-11-2012	88,000,000 USD
Raytheon	24-11-2014	30,000,000 USD
Raytheon	24-11-2014	30,000,000 USD
	Total	614,000,000 USD
		517,967,944€

# Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Jacobs Engineering	31-3-2015	540,000 USD
Indra	4-30-2015	354,236 USD
Orbital ATK	31-1-2016	8,000,000 USD
	Total	13,988,822 USD
		7,503,142€

### **Deutsche Bank**

TOTAL INVESTMENT IN ARMS:	3,922,343,145€
	4,649,551,616 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	14-3-2011	163,000,000 USD
Airbus Group	14-10-2014	134,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Boeing	5-11-2011	42,000,000 USD
Boeing	23-9-2014	90,000,000 USD
Boeing	23-9-2014	90,000,000 USD
Engility	23-4-2014	79,000,000 USD
Engility	23-4-2014	50,000,000 USD
Engility	23-4-2014	10,000,000 USD
Honeywell International	17-3-2011	62,000,000 USD
Honeywell International	30-3-2012	129,000,000 USD
Honeywell International	18-11-2013	73,000,000 USD
Honeywell International	30-6-2015	400,000,000 USD
Lockheed Martin	26-8-2011	90,000,000 USD
Northrop Grumman	18-8-2012	13,000,000 USD
Safran	18-11-2010	121,000,000 USD
Thales	17-12-2010	108,000,000 USD
Maxam	27-12-2012	201,995,000 USD
Maxam	27-12-2012	94,066,000 USD
Maxam	27-12-2012	75,294,000 USD
Maxam	29-7-2014	469,358,000 USD
Maxam	29-7-2014	134,102,000 USD
Maxam	29-7-2015	109,830,000 USD
Maxam	29-7-2015	384,404,000 USD
	Total	3,386,049,000 USD
		2,856,457,392€

# Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
BAE Systems	30-9-2014	267,000,000 USD
BAE Systems	30-9-2014	100,000,000 USD
Boeing	30-4-2013	50,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	25,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	18-2-2015	28,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Finmeccanica	26-11-2013	59,000,000 USD
Finmeccanica	17-1-2014	20,000,000 USD
Honeywell International	18-11-2013	30,000,000 USD
Honeywell International	18-11-2013	70,000,000 USD
Larsen & Toubro	25-10-2012	13,000,000 USD
Larsen & Toubro	13-6-2014	5,000,000 USD
Northrop Grumman	28-5-2013	57,000,000 USD
Northrop Grumman	28-5-2013	70,000,000 USD
Northrop Grumman	28-5-2013	63,000,000 USD
Northrop Grumman	3-2-2015	126,000,000 USD
Raytheon	27-11-2012	60,000,000 USD
Raytheon	24-11-2014	8,000,000 USD
Raytheon	24-11-2014	8,000,000 USD
Thales	13-3-2013	93,000,000 USD

### Deutsche Bank (cont,)

Arms companies	Most recent date	Value
Thales	13-3-2013	56,000,000 USD
Raytheon	24-11-2014	8,300,000 USD
Thales	13-3-2013	92,600,000 USD
Thales	13-3-2013	55,500,000 USD
	Total	1,242,000,000 USD
		1,047,746,232€

Bondholding and shareholding of arms companie	S
(2011-2016)	

Arms companies	Most recent date	Value
Airbus Group	30-6-2015	530,000 USD
BAE Systems	1-8-2015	1,640,000 USD
Fluor	28-2-2015	1,030,000 USD
Jacobs Engineering	31-3-2015	810,000 USD
Raytheon	31-3-2015	1,730,000 USD

Arms companies	Most recent date	Value
Aerojet Rocketdyne	28-2-2015	1,790,000 USD
Boeing	31-3-2015	660,000 USD
General Dynamics	31-3-2015	1,530,000 USD
Honeywell International	31-3-2015	640,000 USD
Huntington Ingalls Industries	28-2-2015	790,000 USD
MOOG	28-2-2015	980,000 USD
Northrop Grumman	31-3-2015	670,000 USD
Raytheon	31-3-2015	960,000 USD
Thales	28-2-2015	800,000 USD
Hanwha	28-2-2015	2,000,000 USD
Indra	17-11-2015	4,942,616 USD
	Total	21,502,616 USD
		18,139,521€

# **ERSTE Group**

TOTAL INVESTMENT IN ARMS:	39,550,343€
	46,883,038 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Maxam	27-12-2012	11,017,909 USD
Maxam	27-12-2012	4,106,945 USD
Maxam	29-7-2014	15,645,714 USD
Maxam	29-07-2015	11,767,469 USD
Airbus Group	14-3-2011	4,345,000 USD
Boeing	23-9-2014	90,000,000 USD
Huntington Ingalls Industries	23-9-2013	27,000,000 USD
Huntington Ingalls Industries	23-9-2013	35,000,000 USD
Northrop Grumman	31-3-2011	58,000,000 USD
Northrop Grumman	31-3-2011	65,000,000 USD
Northrop Grumman	18-8-2012	13,000,000 USD
Raytheon	13-12-2011	76,000,000 USD
	Total	46,883,038 USD
		39,550,343€

### **European Investment Bank**

TOTAL INVESTMENT IN ARMS:	49,946,000€
---------------------------	-------------

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Sener	19-12-2011	49,946,000 €
	Total	49,946,000 €

### **Goldman Sachs**

### **TOTAL INVESTMENT IN ARMS:**

1,549,993,933€

1,837,365,200 USD

### Loans to arms companies (2011-2016)

zouns to unins tompo		
Arms companies	Most recent date	Value
Airbus Group	14-3-2011	76,000,000 USD
Airbus Group	14-10-2014	66,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Boeing	5-11-2011	42,000,000 USD
Boeing	23-9-2014	65,000,000 USD
Boeing	23-9-2014	65,000,000 USD
Finmeccanica	28-7-2010	85,000,000 USD
Honeywell International	17-3-2011	62,000,000 USD
Honeywell International	30-3-2012	129,000,000 USD
Honeywell International	18-11-2013	73,000,000 USD
Honeywell International	30-6-2015	400,000,000 USD
Lockheed Martin	26-8-2011	90,000,000 USD
Lockheed Martin	14-8-2014	50,000,000 USD
Northrop Grumman	8-9-2011	129,000,000 USD
Northrop Grumman	18-8-2012	13,000,000 USD
Textron	30-9-2013	75,000,000 USD
	Total	1,683,000,000 USD
		1,419,772,068 €

# Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	6-12-2012	107,900 USD
Airbus Group	17-4-2013	147,300 USD
Larsen & Toubro	12-6-2014	1,700,000 USD
BAE Systems	30-9-2014	26,700,000 USD
BAE Systems	30-9-2014	10,000,000 USD
Boeing	30-4-2013	3,500,000 USD
Boeing	28-10-2014	900,000 USD
Boeing	28-10-2014	900,000 USD
Boeing	28-10-2014	3,400,000 USD
Boeing	18-2-2015	600,000 USD
Boeing	18-2-2015	2,100,000 USD
Boeing	18-2-2015	800,000 USD

Arms companies	Most recent date	Value
Finmeccanica	26-11-2013	5,900,000 USD
Finmeccanica	17-1-2014	2,000,000 USD
Fluor	18-11-2014	1,000,000 USD
Honeywell International	18-11-2013	1,000,000 USD
Honeywell International	18-11-2013	2,300,000 USD
Lockheed Martin	12-2-2015	15,000,000 USD
Lockheed Martin	12-2-2015	10,000,000 USD
Lockheed Martin	12-2-2015	20,000,000 USD
Northrop Grumman	28-5-2013	5,700,000 USD
Northrop Grumman	28-5-2013	7,000,000 USD
Northrop Grumman	28-5-2013	6,300,000 USD
Northrop Grumman	3-2-2015	2,400,000 USD
Textron	23-1-2014	1,900,000 USD
Textron	23-1-2014	2,600,000 USD
Textron	23-10-2014	2,200,000 USD
	Total	136,155,200 USD
		114,859,982€

Arms companies	Most recent date	Value
Boeing	31-3-2015	790,000 USD
Fluor	31-3-2015	870,000 USD
Honeywell International	31-3-2015	610,000 USD
Huntington Ingalls Industries	31-3-2015	510,000 USD
Jacobs Engineering	31-3-2015	1,480,000 USD
Moog	31-3-2015	2,630,000 USD
Northrop Grumman	31-3-2015	590,000 USD
Orbital ATK	31-3-2015	2,220,000 USD
Textron	31-3-2015	1,610,000 USD
Aecom	30-9-2014	1,650,000 USD
MOOG	31-3-2015	5,250,000 USD
	Total	18,210,000 USD
		15,361,883€

### **HSBC**

### **TOTAL INVESTMENT IN ARMS:**

3,857,962,547€

4,573,234,756 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Aecom	13-7-2011	70,000,000 USD
Aecom	23-9-2011	40,000,000 USD
Aecom	14-10-2011	35,000,000 USD
Aecom	14-10-2011	50,000,000 USD
Aecom	2-3-2012	43,000,000 USD
Aecom	7-6-2013	20,000,000 USD
Aecom	16-12-2013	39,000,000 USD
Aecom	16-12-2013	58,000,000 USD
Aecom	16-12-2013	2,000,000 USD
Aecom	29-1-2014	39,000,000 USD
Aecom	11-8-2014	77,000,000 USD
Aecom	11-8-2014	59,000,000 USD
Aecom	11-8-2014	20,000,000 USD
Airbus Group	14-3-2011	163,000,000 USD
Airbus Group	14-10-2014	134,000,000 USD
CH2M Hill	19-4-2012	72,000,000 USD
Finmeccanica	28-7-2010	191,000,000 USD
Finmeccanica	9-7-2014	150,000,000 USD
Finmeccanica	6-7-2014	139,000,000 USD
Fluor		227,000,000 USD
Fluor	28-5-2014	
	28-5-2014	240,000,000 USD
Honeywell International	17-3-2011	62,000,000 USD
Honeywell International	30-3-2012	129,000,000 USD
Honeywell International	18-11-2013	73,000,000 USD
Jacobs Engineering	7-2-2014	62,000,000 USD
Jacobs Engineering	7-2-2014	39,000,000 USD
Larsen & Toubro	27-8-2013	5,000,000 USD
Larsen & Toubro	27-8-2013	7,000,000 USD
Larsen & Toubro	27-8-2013	7,000,000 USD
Larsen & Toubro	27-8-2013	11,000,000 USD
Larsen & Toubro	27-8-2013	11,000,000 USD
Maxam	12-27-2012	16,159,600 USD
Maxam	12-27-2012	7,525,280 USD
Maxam	12-27-2012	6,023,520 USD
Maxam	7-29-2014	52,151,038 USD
Maxam	7-29-2014	14,900,073 USD
Maxam	7-29-2015	12,327,857 USD
Maxam	7-29-2015	43,147,388 USD
Moog	18-3-2011	180,000,000 USD
Moog	28-3-2013	120,000,000 USD
Moog	22-5-2014	220,000,000 USD
Safran	18-11-2010	255,000,000 USD
Safran	21-10-2011	176,000,000 USD
Serco	21-2-2012	72,000,000 USD
Serco		9,000,000 USD
Serco	12-3-2015	
	12-3-2015	45,000,000 USD
Thales	17-12-2010	108,000,000 USD
Thales	19-12-2014	122,000,000 USD
	Total	3,733,234,756 USD
		3,149,341,907 €

# Issuance of bonds and commercial papers of arms companies (2011-2016)

•	•	
Arms companies	Most recent date	Value
Serco	16-4-2015	94,000,000 USD
Serco	16-4-2015	7,000,000 USD
Aecom	17-9-2014	80,000,000 USD
Aecom	17-9-2014	80,000,000 USD
Airbus Group	26-6-2015	93,000,000 USD
Finmeccanica	28-11-2012	71,000,000 USD
Finmeccanica	26-11-2013	59,000,000 USD
Finmeccanica	17-1-2014	20,000,000 USD
Fluor	18-11-2014	5,000,000 USD
Honeywell International	18-11-2013	10,000,000 USD
Honeywell International	18-11-2013	23,000,000 USD
Larsen & Toubro	14-6-2012	9,000,000 USD
Larsen & Toubro	14-6-2012	9,000,000 USD
Larsen & Toubro	21-12-2012	31,000,000 USD
Larsen & Toubro	13-6-2014	5,000,000 USD
Larsen & Toubro	13-6-2014	6,000,000 USD
Larsen & Toubro	2-2-2015	49,000,000 USD
Moog	18-11-2014	40,000,000 USD
Thales	13-3-2013	93,000,000 USD
Thales	13-3-2013	56,000,000 USD
	Total	840,000,000 USD
		708,620,640€

(==::==::=)		
Arms companies	Most recent date	Value
Boeing	31-3-2015	790,000 USD
Fluor	31-3-2015	870,000 USD
Honeywell International	31-3-2015	610,000 USD
Huntington Ingalls Industries	31-3-2015	510,000 USD
Jacobs Engineering	31-3-2015	1,480,000 USD
Moog	31-3-2015	2,630,000 USD
Northrop Grumman	31-3-2015	590,000 USD
Orbital ATK	31-3-2015	2,220,000 USD
Textron	31-3-2015	1,610,000 USD
Aecom	30-9-2014	1,650,000 USD
MOOG	31-3-2015	5,250,000 USD
	Total	18,210,000 USD
		15,361,883€

### ING

TOTAL INVESTMENT IN ARMS:	388,897,756€
	461 000 000 USD

### Invesco

TOTAL INVESTMENT IN ARMS:	345,874,360€
	410,000,000 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	14-3-2011	76,000,000 USD
Airbus Group	14-10-2014	66,000,000 USD
Fluor	7-11-2012	180,000,000 USD
Safran	18-11-2010	121,000,000 USD
	Total	443,000,000 USD
		373,713,028€

# Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Textron	31-12-2015	410,000,000 USD
	Total	410,000,000 USD
		345,874,360 €

# Bondholding and shareholding of arms companies (2011-2016)

Arms companies	Most recent date	Value
Fluor	18-11-2014	18,000,000 USD
	Total	18,000,000 USD
		15,184,728€

# JP Morgan

TOTAL INVESTMENT IN ARMS:	12,308,487,438€
	14 590 500 000 USD

### Loans to arms companies (2011-2016)

Aecom         13-7-2011         70,000,000 USD           Aecom         23-9-2011         40,000,000 USD           Aecom         7-6-2013         20,000,000 USD           Aecom         29-1-2014         39,000,000 USD           Aecom         11-8-2014         154,000,000 USD           Aecom         11-8-2014         95,000,000 USD           Aecom         11-8-2014         105,000,000 USD           Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel	Arms companies	Most recent date	Value
Aecom         7-6-2013         20,000,000 USD           Aecom         29-1-2014         39,000,000 USD           Aecom         11-8-2014         154,000,000 USD           Aecom         11-8-2014         95,000,000 USD           Aecom         11-8-2014         105,000,000 USD           Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD	Aecom	13-7-2011	70,000,000 USD
Aecom         29-1-2014         39,000,000 USD           Aecom         11-8-2014         154,000,000 USD           Aecom         11-8-2014         95,000,000 USD           Aecom         11-8-2014         105,000,000 USD           Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Aecom	23-9-2011	40,000,000 USD
Aecom         11-8-2014         154,000,000 USD           Aecom         11-8-2014         95,000,000 USD           Aecom         11-8-2014         105,000,000 USD           Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Aecom	7-6-2013	20,000,000 USD
Aecom         11-8-2014         95,000,000 USD           Aecom         11-8-2014         105,000,000 USD           Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Aecom	29-1-2014	39,000,000 USD
Aecom         11-8-2014         105,000,000 USD           Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Aecom	11-8-2014	154,000,000 USD
Aecom         11-8-2014         40,000,000 USD           Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD	Aecom	11-8-2014	95,000,000 USD
Aerojet Rocketdyne         30-5-2014         8,000,000 USD           Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD	Aecom	11-8-2014	105,000,000 USD
Aerojet Rocketdyne         30-5-2014         15,000,000 USD           Airbus Group         14-3-2011         76,000,000 USD           Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           Babcock & Wilcox         11-5-2015         48,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD	Aecom	11-8-2014	40,000,000 USD
Airbus Group       14-3-2011       76,000,000 USD         Airbus Group       14-10-2014       66,000,000 USD         Babcock & Wilcox       22-5-2012       70,000,000 USD         Babcock & Wilcox       11-5-2015       40,000,000 USD         Babcock & Wilcox       11-5-2015       32,000,000 USD         Babcock & Wilcox       11-5-2015       48,000,000 USD         BAE Systems       8-12-2010       132,000,000 USD         BAE Systems       12-12-2013       131,000,000 USD         Bechtel       27-7-2012       146,000,000 USD         Bechtel       14-6-2013       100,000,000 USD         Bechtel       14-6-2013       200,000,000 USD         Bechtel       19-9-2014       200,000,000 USD         Bechtel       19-9-2014       100,000,000 USD	Aerojet Rocketdyne	30-5-2014	8,000,000 USD
Airbus Group         14-10-2014         66,000,000 USD           Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           Babcock & Wilcox         11-5-2015         48,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Aerojet Rocketdyne	30-5-2014	15,000,000 USD
Babcock & Wilcox         22-5-2012         70,000,000 USD           Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           Babcock & Wilcox         11-5-2015         48,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Airbus Group	14-3-2011	76,000,000 USD
Babcock & Wilcox         11-5-2015         40,000,000 USD           Babcock & Wilcox         11-5-2015         32,000,000 USD           Babcock & Wilcox         11-5-2015         48,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Airbus Group	14-10-2014	66,000,000 USD
Babcock & Wilcox         11-5-2015         32,000,000 USD           Babcock & Wilcox         11-5-2015         48,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Babcock & Wilcox	22-5-2012	70,000,000 USD
Babcock & Wilcox         11-5-2015         48,000,000 USD           BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Babcock & Wilcox	11-5-2015	40,000,000 USD
BAE Systems         8-12-2010         132,000,000 USD           BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Babcock & Wilcox	11-5-2015	32,000,000 USD
BAE Systems         12-12-2013         131,000,000 USD           Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Babcock & Wilcox	11-5-2015	48,000,000 USD
Bechtel         27-7-2012         146,000,000 USD           Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	BAE Systems	8-12-2010	132,000,000 USD
Bechtel         14-6-2013         100,000,000 USD           Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	BAE Systems	12-12-2013	131,000,000 USD
Bechtel         14-6-2013         200,000,000 USD           Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Bechtel	27-7-2012	146,000,000 USD
Bechtel         19-9-2014         200,000,000 USD           Bechtel         19-9-2014         100,000,000 USD	Bechtel	14-6-2013	100,000,000 USD
Bechtel 19-9-2014 100,000,000 USD	Bechtel	14-6-2013	200,000,000 USD
	Bechtel	19-9-2014	200,000,000 USD
	Bechtel	19-9-2014	100,000,000 USD
Bechtel 19-9-2014 120,000,000 USD	Bechtel	19-9-2014	120,000,000 USD

Arms companies	Most recent date	Value
Boeing	5-11-2011	460,000,000 USD
Boeing	29-9-2012	690,000,000 USD
Boeing	29-9-2012	690,000,000 USD
Boeing	7-11-2013	818,000,000 USD
Boeing	7-11-2013	798,000,000 USD
Boeing	23-9-2014	175,000,000 USD
Boeing	23-9-2014	175,000,000 USD
CH2M Hill	6-12-2010	120,000,000 USD
CH2M Hill	19-4-2012	135,000,000 USD
CH2M Hill	22-3-2014	220,000,000 USD
Finmeccanica	28-7-2010	85,000,000 USD
Finmeccanica	9-7-2014	100,000,000 USD
Finmeccanica	6-7-2015	23,000,000 USD
Fluor	14-12-2010	90,000,000 USD
General Dynamics	14-7-2011	80,000,000 USD
General Dynamics	21-6-2013	125,000,000 USD
Honeywell International	17-3-2011	560,000,000 USD
Honeywell International	30-3-2012	600,000,000 USD
Honeywell International	18-11-2013	800,000,000 USD
Honeywell International	30-6-2015	480,000,000 USD
Huntington Ingalls Industries	23-9-2013	49,000,000 USD
Huntington Ingalls Industries	23-9-2013	65,000,000 USD

### JP Morgan (cont,)

Arms companies	Most recent date	Value
Huntington Ingalls Industries	13-7-2015	125,000,000 USD
Lockheed Martin	26-8-2011	120,000,000 USD
Lockheed Martin	30-4-2014	10,000,000 USD
Lockheed Martin	14-8-2014	120,000,000 USD
Moog	18-3-2011	49,000,000 USD
Moog	28-3-2013	108,000,000 USD
Moog	22-5-2014	110,000,000 USD
Northrop Grumman	31-3-2011	58,000,000 USD
Northrop Grumman	31-3-2011	65,000,000 USD
Northrop Grumman	8-9-2011	150,000,000 USD
Northrop Grumman	18-8-2012	50,000,000 USD
Northrop Grumman	29-8-2013	355,000,000 USD
Northrop Grumman	19-6-2015	320,000,000 USD
Orbital ATK	9-9-2010	14,000,000 USD
Orbital ATK	9-9-2010	21,000,000 USD
Orbital ATK	3-9-2012	13,000,000 USD
Orbital ATK	8-10-2013	14,000,000 USD
Orbital ATK	8-10-2013	17,000,000 USD
Orbital ATK	8-10-2013	12,000,000 USD
Orbital ATK	24-6-2014	15,000,000 USD
Raytheon	13-12-2011	280,000,000 USD
Serco	21-2-2012	72,000,000 USD
Serco	12-3-2015	9,000,000 USD
Serco	12-3-2015	45,000,000 USD
Textron	30-9-2013	100,000,000 USD
Textron	23-1-2014	50,000,000 USD
Textron	24-1-2014	420,000,000 USD
	Total	12,107,000,000 USD
		10,213,416,772€

# Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Serco	1-5-2014	135,000,000 USD
Serco	16-4-2015	157,000,000 USD
Serco	16-4-2015	94,000,000 USD
Serco	16-4-2015	12,000,000 USD
Serco	16-4-2015	7,000,000 USD
Aecom	17-9-2014	80,000,000 USD
Aecom	17-9-2014	80,000,000 USD
Airbus Group	26-6-2015	93,000,000 USD
Boeing	30-4-2013	35,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	25,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	18-2-2015	29,000,000 USD
Boeing	18-2-2015	21,000,000 USD

Arms companies	Most recent date	Value
Boeing	18-2-2015	19,000,000 USD
Finmeccanica	28-11-2012	71,000,000 USD
Finmeccanica	26-11-2013	59,000,000 USD
Finmeccanica	17-1-2014	20,000,000 USD
General Dynamics	1-11-2012	90,000,000 USD
General Dynamics	1-11-2012	100,000,000 USD
General Dynamics	1-11-2012	50,000,000 USD
Honeywell International	18-11-2013	30,000,000 USD
Honeywell International	18-11-2013	70,000,000 USD
Huntington Ingalls Industries	17-11-2014	60,000,000 USD
Lockheed Martin	12-2-2015	135,000,000 USD
Lockheed Martin	12-2-2015	90,000,000 USD
Lockheed Martin	12-2-2015	180,000,000 USD
Moog	18-11-2014	40,000,000 USD
Northrop Grumman	28-5-2013	57,000,000 USD
Northrop Grumman	28-5-2013	70,000,000 USD
Northrop Grumman	28-5-2013	63,000,000 USD
Northrop Grumman	3-2-2015	126,000,000 USD
Raytheon	27-11-2012	88,000,000 USD
Raytheon	24-11-2014	78,000,000 USD
Raytheon	24-11-2014	78,000,000 USD
Textron	23-1-2014	25,000,000 USD
Textron	23-1-2014	35,000,000 USD
Textron	23-10-2014	22,000,000 USD
	Total	2,442,000,000 USD
		2,060,061,432€

Arms companies	Most recent date	Value
Aecom	31-3-2015	1,450,000 USD
BAE Systems	19-1-2015	720,000 USD
Engility	31-3-2015	2,940,000 USD
Fluor	31-3-2015	11,020,000 USD
General Dynamics	31-3-2015	550,000 USD
Honeywell International	31-3-2015	3,820,000 USD
Huntington Ingalls Industries	31-3-2015	2,170,000 USD
Jacobs Engineering	31-3-2015	2,980,000 USD
Northrop Grumman	31-3-2015	1,310,000 USD
Thales	30-6-2015	770,000 USD
Aecom	30-4-2015	3,200,000 USD
Aerojet Rocketdyne	28-2-2015	4,330,000 USD
BAE Systems	31-5-2015	600,000 USD
Fluor	31-5-2015	900,000 USD
Orbital ATK	28-2-2015	4,740,000 USD
	Total	41,500,000 USD
		35,009,234€

### **Lloyds Banking Group**

**TOTAL INVESTMENT IN ARMS:** 1,697,973,412 € 2,012,780,302 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	14-3-2011	76,000,000 USD
Airbus Group	14-10-2014	66,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Bechtel	2-6-2011	258,000,000 USD
Bechtel	2-6-2011	158,000,000 USD
Boeing	5-11-2011	42,000,000 USD
Boeing	23-9-2014	50,000,000 USD
Boeing	23-9-2014	50,000,000 USD
General Dynamics	14-7-2011	35,000,000 USD
Honeywell International	18-11-2013	73,000,000 USD
Jacobs Engineering	7-2-2014	62,000,000 USD
Lockheed Martin	26-8-2011	90,000,000 USD
Lockheed Martin	14-8-2014	50,000,000 USD
Northrop Grumman	18-8-2012	13,000,000 USD
Serco	21-2-2012	72,000,000 USD
Serco	12-3-2015	45,000,000 USD
Navantia	18-3-2015	85,780,302 USD
	Total	1,488,780,302 USD
		1,255,929,108€

# Issuance of bonds and commercial papers of arms companies (2011-2016)

companies (2011 20	710)	
Arms companies	Most recent date	Value
BAE Systems	30-5-2012	155,000,000 USD
Boeing	30-4-2013	10,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	28-10-2014	9,000,000 USD
Boeing	18-2-2015	6,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Boeing	18-2-2015	8,000,000 USD
Fluor	18-11-2014	18,000,000 USD
General Dynamics	1-11-2012	39,000,000 USD
General Dynamics	1-11-2012	43,000,000 USD
General Dynamics	1-11-2012	21,000,000 USD
Lockheed Martin	12-2-2015	14,000,000 USD
Lockheed Martin	12-2-2015	9,000,000 USD
Lockheed Martin	12-2-2015	18,000,000 USD
Northrop Grumman	28-5-2013	26,000,000 USD
Northrop Grumman	28-5-2013	32,000,000 USD
Northrop Grumman	28-5-2013	29,000,000 USD
Raytheon	27-11-2012	60,000,000 USD
Raytheon	24-11-2014	5,000,000 USD
Raytheon	24-11-2014	5,000,000 USD
	Total	524,000,000 USD
		442,044,304€

### **Siemens Financial Services**

**TOTAL INVESTMENT IN ARMS:** 136,662,552 € 162,000,000 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Huntington Ingalls Industries	23-9-2013	27,000,000 USD
Huntington Ingalls Industries	23-9-2013	35,000,000 USD
Huntington Ingalls Industries	13-7-2015	71,000,000 USD
Orbital ATK	8-10-2013	17,000,000 USD
Orbital ATK	8-10-2013	12,000,000 USD
	Total	162,000,000 USD
		136,662,552€

### Société Général

TOTAL INVESTMENT IN ARMS:

4,396,446,051 €

5,211,553,933 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Arms companies		
Airbus Group	14-3-2011	163,000,000 USD
Airbus Group	14-10-2014	134,000,000 USD
BAE Systems	8-12-2010	132,000,000 USD
BAE Systems	12-12-2013	131,000,000 USD
Boeing	23-9-2014	60,000,000 USD
Boeing	23-9-2014	60,000,000 USD
Finmeccanica	28-7-2010	191,000,000 USD
Finmeccanica	9-7-2014	150,000,000 USD
Finmeccanica	6-7-2015	153,000,000 USD
Honeywell International	17-3-2011	62,000,000 USD
Honeywell International	30-3-2012	129,000,000 USD
Honeywell International	18-11-2013	73,000,000 USD
Maxam	29-7-2014	10,430,476 USD
Maxam	29-7-2014	2,979,746 USD
Maxam	29-7-2015	2,241,429 USD
Maxam	29-7-2015	7,844,980 USD
Safran	18-11-2010	255,000,000 USD
Safran	21-10-2011	198,000,000 USD
Thales	17-12-2010	108,000,000 USD
Thales	19-12-2014	122,000,000 USD
	Total	2,144,496,630 USD
	iotai	
		1,809,088,779€

Most recent date	Value
9-4-2013	597,000,000 USD
15-1-2014	614,000,000 USD
26-6-2015	93,000,000 USD
26-6-2015	93,000,000 USD
28-10-2014	9,000,000 USD
28-10-2014	9,000,000 USD
18-2-2015	6,000,000 USD
18-2-2015	8,000,000 USD
18-2-2015	8,000,000 USD
28-11-2012	71,000,000 USD
26-11-2013	59,000,000 USD
17-1-2014	20,000,000 USD
18-11-2013	10,000,000 USD
18-11-2013	23,000,000 USD
8-5-2013	118,726,000 USD
27-3-2013	344,000,000 USD
27-3-2013	229,000,000 USD
13-3-2013	93,000,000 USD
13-3-2013	56,000,000 USD
Total	3,057,726,000 USD
	2,579,485,423€
	9-4-2013 15-1-2014 26-6-2015 26-6-2015 28-10-2014 28-10-2014 18-2-2015 18-2-2015 18-2-2015 28-11-2012 26-11-2013 17-1-2014 18-11-2013 18-11-2013 27-3-2013 27-3-2013 13-3-2013

# Issuance of bonds and commercial papers of arms companies (2011-2016)

Arms companies	Most recent date	Value
Airbus Group	9-4-2013	597,000,000 USD

# Bondholding and shareholding of arms companies (2011-2016)

Arms co	mpanies	Most recent date	2	Value	
Airbus Grou	р	30-6-2015		520,000 L	JSD
Indra		6-30-2015		1,998,000 L	JSD
Indra		11-17-2015		6,813,302 L	JSD
		Tot	tal	9,331,302 U	SD
				7,871,849	9€

### **UBI Banca**

TOTAL INVESTMENT IN ARMS:	19,840,412€
	23,518,855 USD

### Loans to arms companies (2011-2016)

Arms companies	Most recent date	Value
Finmeccanica	28-7-2010	3,181,000 USD
Finmeccanica	9-7-2014	3,001,000 USD
Finmeccanica	6-7-2015	2,212,000 USD
Maxam	27-12-2012	11,017,909 USD
Maxam	27-12-2012	4,106,945 USD
	Total	23,518,855 USD
		19,840,412€





### **REPORT no. 12**

# The military industrial complex. A parasite on Spanish economy

Pere Ortega and Camino Simarro April 2012

### REPORT n. 13

Piracy in Somalia: An excuse or a geopolitical opportunity? A different look at the Spanish and international military participation against piracy

Pere Ortega October 2012

### REPORT n. 14

Truth and lies in the 2013 Spanish military budget

Pere Ortega October 2012

### REPORT n. 15

Exportaciones españolas de armamento 2002-2011. Cuando la venta de armas es una prioridad política (Spanish)

Tica Font, Eduardo Melero and Camino Simarro January 2013

### REPORT n. 16

Las otras violencias en América Latina (Spanish)

Pere Ortega and Moara Crivelente January 2013

### REPORT n. 17

La industria militar en Cataluña, un deseo insatisfecho (Spanish)

Pere Ortega · June 2013

REPORT n. 18

Spanish arms exports 2003-2012

Tica Font, Eduardo Melero and Camino Simarro July 2013

REPORT n. 19

La cara oculta del gasto militar El presupuesto militar de 2014

Pere Ortega, John Doe and Xavier Bohigas November 2013

### REPORT n. 20

Evolución de la banca armada en España

Jordi Calvo Rufanges · October 2013

### REPORT n. 21

El militarismo en el Norte de África

Blanca Camps-Febrer and Pere Ortega January 2014 (in Spanish)

### REPORT n. 22

Rajoy's military policy

Tomàs Gisbert, Maria de Lluc Bagur and Gemma Amorós February 2014

### REPORT n. 23

Military Drones. The Videogame War With Real Victims

Jordi Calvo, Anna Escoda, Carles Blanco and Gabriela Serra March 2014

### REPORT n. 24

Spanish Arms Exports 2004-2013. Does the Government Promote Illegal Arms Exports?

Tica Font, Eduardo Melero, Camino Simarro July 2014

### REPORT n. 25

Inertia, waste and fraud in the military expenditure. Spanish Defense Budget Analysis in 2015

Pere Ortega and Jordi Calvo Rufanges December 2014

### REPORT n. 26

Fraud and improvisation in Spanish military expenditure. An analysis of the Spanish Defence budget for 2016

Pere Ortega and Xavier Bohigas October 2015

REPORT n. 27

Spanish arms

exports 2005-2014. Fueling conflicts in the Middle East

Tica Font, Eduardo Melero and Camino Simarro December 2015

Centre Delàs d'Estudis per la Pau



With the support of:



