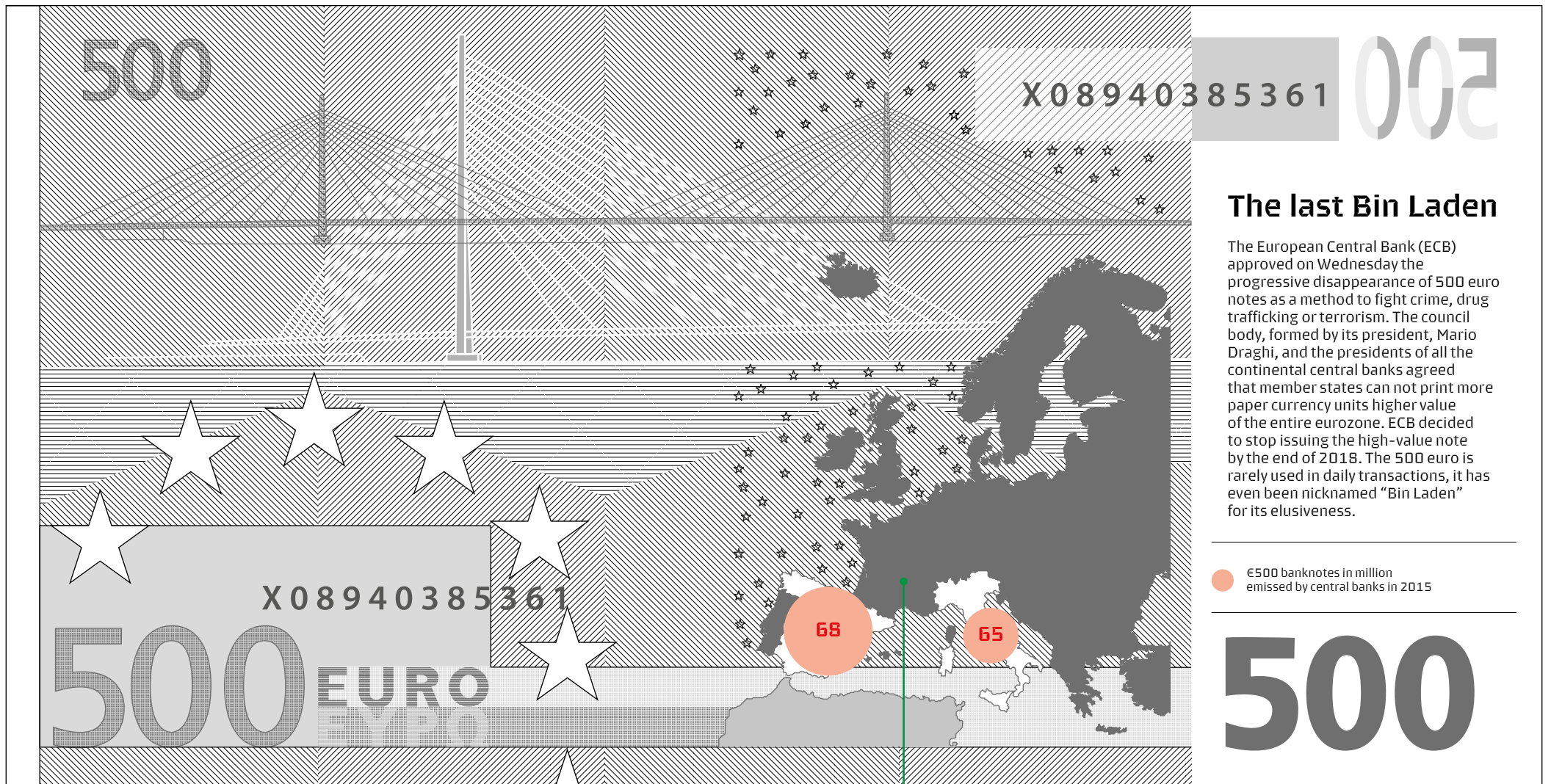


OH! G.O.D.

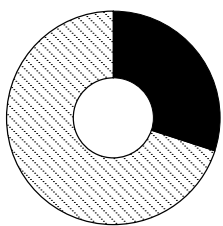
Governors Of Demand

IUAV
 Infodesign course
 held by M. Ferrari
 and I. Williams
 A.A. 2015 / 2016

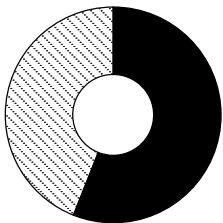


Source: insidetheworld.org

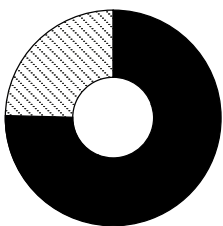
Do you know that...



30%
 the portion of € 500 banknotes in circulation value



56%
 percentage of EU citizens have never seen a 500 euro note

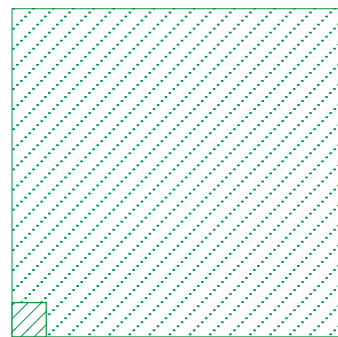


80%
 percentage of 500 euro bills in circulation outside of Europe

Pro death

France is one of the countries that wanted to stop printing €500 banknotes. Indeed, a few weeks ago the Minister of Finance, Michel Sapin has thus settled the question: "500 euros' banknotes are generally used to hide things instead of buying them", highlighting the correlation between this banknote and the crime.

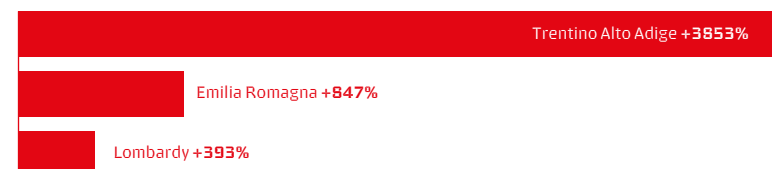
€500 bills situation
 3% total bills
 28% total value



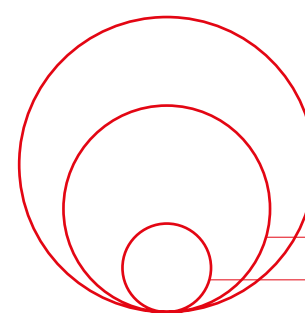
In 2015 Italian Central Bank emitted **65 millions of €500** but they have returned more than 8 times.

During the last few years that bill is increased in every banks like a deposit, especially in the north of country.

Top 500 Italian bill deposit



Source: ibtimes.com

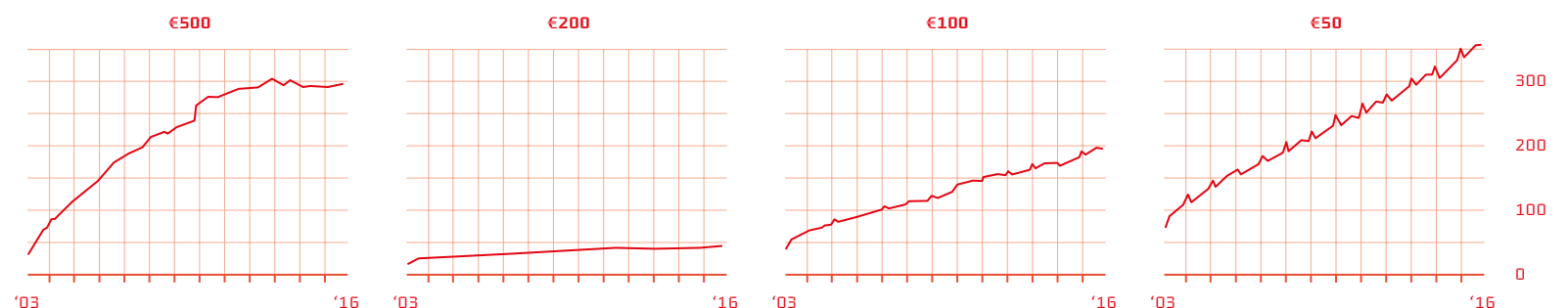


Also, in the South of Italy bank deposits of €500 bill are high, especially in regions where **racketeering** works.

Growth of euro notes in circulation

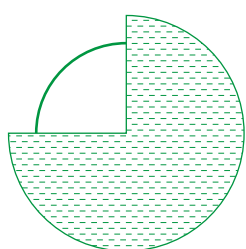
The circulation of €500 bill has increased dramatically from 2003, sparking fears the bill was being used to finance terrorism. The €500 bill now makes up just under a third of all cash in circulation in the EU. The other denominations, from €5 to €200, will remain in place.

Datas from 2003 to 2016
 Source: ecb.europa.eu



Against death

In Germany, at a time when trust in the ECB is at record lows, it will certainly be seen as a further step in the direction of the removal of cash. Reasons for the unease over changes to the composition of cash in Germany, Austria and Switzerland range from a simple preference for an anonymous payment method.

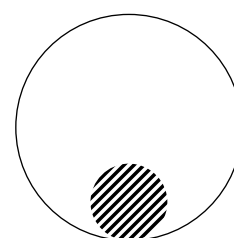


80%
 Cash German's transactions

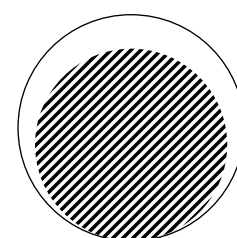
Germany is one of the countries that continue to use big size of cash and it is against the reform for this.

Europe in cash

If you look at certain countries and certain sectors, digital payments have already taken off in Europe. But Europe also includes Italy, Portugal and Germany, where cash is still used very frequently.



34%
 in volume



85%
 in value

How much is it?

This reform represent a cost for European Central Bank, indeed they have to **print more 100 and 200 euro banknotes** for substituting €500 bill. The operation costs about 500 millions euros, said Bundesbank. But, this is important for **improving investments and reduce save money.**



ANONYMOUS

SHUT DOWN THE BANKS

Olympus will fall. A few days ago we declared the revival of Operation Icarus. We will not let the banks win, we will be attacking the banks with one of the most massive attacks ever seen in the history of Anonymous. Today we have continuously taken down the website of the Bank of Greece, this marks the start of a 30-day campaign against central bank sites across the world. We are anonymous. We are legion. We do not forgive. We do not forget. We are the voice, of the voiceless. Global banking cartel, you've probably expected us.

3 May 2016

Group Anonymous

The various people behind Anonymous worldwide are united in a belief that corporations and organizations they consider to be corrupt **should be attacked**. Not all of Anonymous' activities involve attacking networks or websites. Anonymous has also been active in initiating public protests. But the web and IRC channels are the lifeblood of the group. If it weren't for the **Internet**, Anonymous wouldn't have ever existed.



OpIcarus

@Op_Icarus

#OpIcarus #OpShutDownTheBanks
An account Operation Icarus. #Icarys
#Anonymous

📅 Iscritto a maggio 2016

Hacktivist collective Anonymous has begun launching **cyberattacks on banks across the world**. The Central Bank of the Dominican Republic, the Guernsey Financial Services Commission, the Central Bank of Maldives and the Dutch Central Bank were briefly offline on 6 May, while the National Bank of Panama and the Central Bank of Kenya were reportedly taken offline a day later. The Central Bank of Mexico and the Central Bank of Bosnia and Herzegovina were also brought down by a DDoS attack.

Research proved that hacktivists group is relatively much bigger than you anticipated and become quite popular among people all over the world. News about their existence first became public on social media.

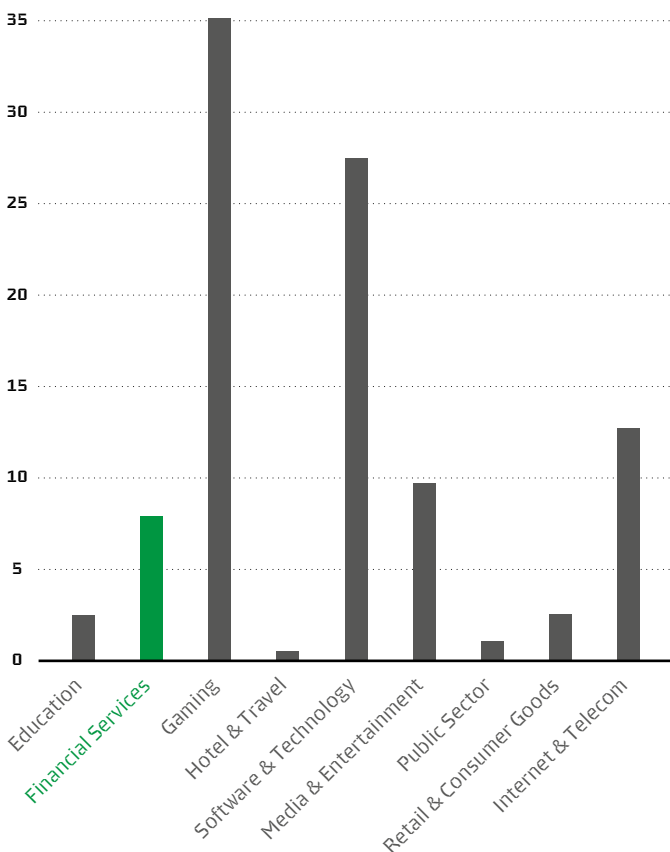
TOP ANONYMOUS' HACKS

- 1 Project Chanology 2008
- 2 Bart attack 2011
- 3 Cybergate 2011
- 4 Dark Discovery 2011
- 5 Federal attack 2012
- 6 WTO hack 2015
- 7 Donald Trump's website hack 2015
- 8 ISIS website attack 2015

CYBERTERRORISM

Cyberterrorism is any **premeditated, politically motivated attack against information, computer systems, computer programs, and data** which results in violence against non-combatant targets by sub-national groups or clandestine agents. Unlike a nuisance virus or computer attack that results in a denial of service, a cyberterrorist attack is designed to cause **physical violence or extreme financial harm**. According to the U.S. Commission of Critical Infrastructure Protection, possible cyberterrorist targets include the banking industry, military installations, power plants, air traffic control centers, and water systems.

DDoS frequency by industry

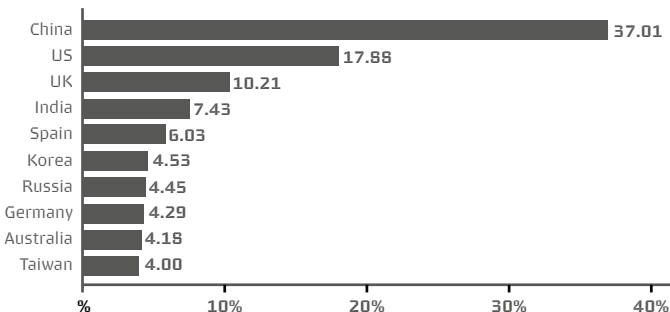


8.1%

While overall there was a slight reduction in attacks targeting this industry (which includes major financial institutions such as **banks and trading platforms**) it's worth mentioning that they still saw some of the larger attacks of the quarter.

Source: Europol.europa.eu

Top 10 source countries for DDoS attacks - Q2 2015



DDoS attacks are frequently routed through internet connected devices in regions having an insecure infrastructure. The attacks may originate in another country, but are then amplified through other environments. IT infrastructures in these countries tend to have weaker security measures in place, which is why computing resources located therein are used more frequently to commit attacks.

85%

The top five spoofed agents shown in the list above account for that percentage of all malicious DDoS bot sessions

62%

The percentage of bot traffic accounts of all website traffic, half of which consists of search engines and other good bots – the other half comprising malicious bots.

Source: dailyhackersnews.com

National cyber security awareness month

General Cybersecurity

Cyber in the workplace

Cybercrime

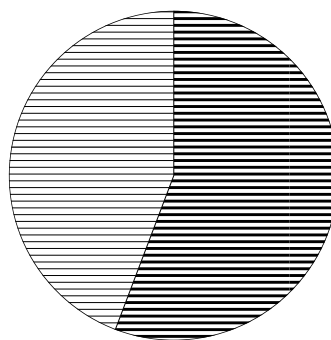
Cyber and cutting-edge technology

Cyber and critical infrastructure

October 2016							
L	M	M	G	V	S	D	
25	26	27	28	29	1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31	1	2	3	4	5	6	

We live in a world that is more connected than ever before. The Internet touches almost all aspects of everyone's daily life, whether we realize it or not. National Cyber Security Awareness Month (NCSAM) is designed to engage and educate public and private sector partners through events and initiatives with the goal of raising awareness about cybersecurity and increasing the resiliency of the nation in the event of a cyber incident.

Total attacks on Q2 of 2015



44%
HTTP
attacks

56%
HTTPS
attacks

Cybercrime costs projected to reach \$2 trillion by 2019

Source: Forbes.com

From 2013 to 2015 the cyber crime costs quadrupled, and it looks like there will be another **quadrupling from 2015 to 2019**. Juniper research recently predicted that the rapid digitization of consumers' lives and enterprise records will increase the cost of data breaches to **\$2.1 trillion globally by 2019**, increasing to almost four times the estimated cost of breaches in 2015.

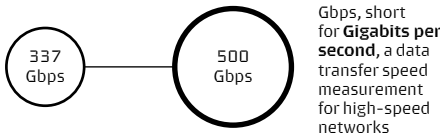
Top 5 DDoS trends

1 Change in attack motivation

This year the top motivation was something typically associated with cyber extortion attempts

2 Attack size continue to grow

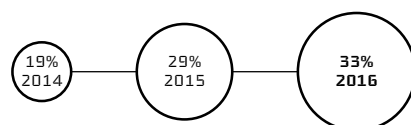
In 11 years the largest attack size has grown more than **60 times**



3 Complex attacks on the rise

93% reported application-layer DDoS attacks

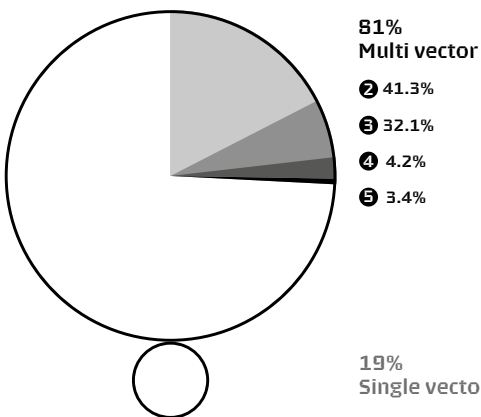
4 Cloud under attack



5 Firewalls continue to fail

As stateful and inline devices, firewalls add to the attack surface and are prone to becoming the first victims of DDoS attacks as their capacity to track connections is exhausted

Distribution by number of vector



Traditionally, DDoS attack campaigns used a single attack type, or vector. However, there is a rise in DDoS attacks using **multiple vectors** to disable a network or server. The multi-vector approach is very appealing to an attacker, since the tactic can create the most **collateral damage** to a business or organization. These attacks increase the chance of success by targeting several **different network resources**, or using one attack vector as a decoy while another, more powerful vector is used as the main weapon.

Source: Imperva.com

The bad guys

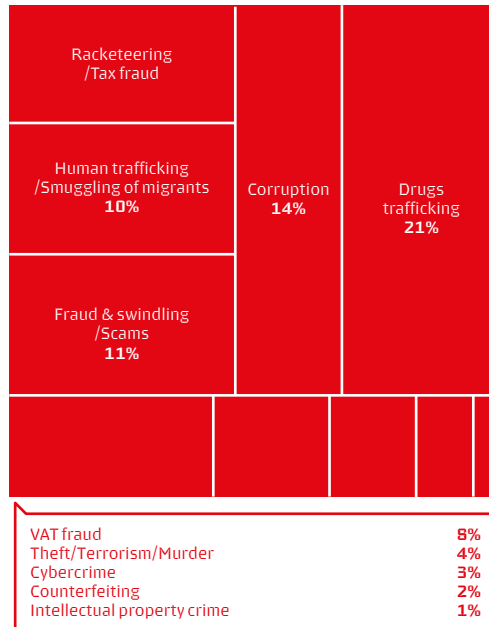


High denomination notes are the preferred payment mechanism of those pursuing **illicit activities**, given the anonymity and **lack of transaction record** they offer, and the relative ease with which they can be **transported** and moved. By eliminating high value notes we make life harder for those pursuing tax evasion, financial crime, terrorist finance and corruption. and warps decision-making.

Money laundering

Is the process of creating the appearance that large amounts of money obtained from serious crimes, such as drug trafficking or terrorist activity, originated from a legitimate source.

Predicate offences most closely linked to the use of cash in money laundering schemes

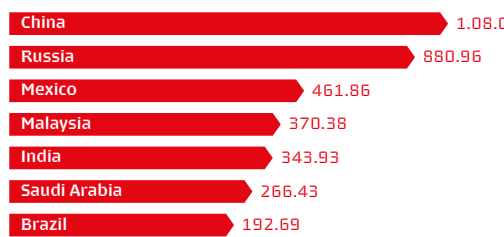


Source: Europol.europa.eu

The steps of money laundering

- 1 **Placement**
introducing "dirty money" into the financial system through smuggling currency, change money in another form or pay loans
- 2 **Layering**
obscure or remove the trail of money so that it can't be traced to its original source
- 3 **Integration**
acquiring that money in purportedly legitimate means

Capital illegally departed despite currency-control lows between 2001 and 2011 in billion dollars



Source: gfinity.org

Corruption

According to the German lobbying group's latest "Corruption Perceptions Index" for 2015, which covers the perception of public sector corruption in 168 countries, the majority is still generally seen as more corrupt than not – but more countries saw their **score improving** rather than declining.

COUNTRY	SCORE	
DENMARK	1	Many "clean" countries have dodgy records overseas
FINLAND	2	
SWEDEN	3	
NEW ZEALAND	4	
NETHERLANDS	5	
NORWAY	5	Lowest scorers characterised by bloody and entrenched conflict
ANGOLA	163	
SOUTH SUDAN	163	
SUDAN	165	
AFGHANISTAN	166	
NORTH KOREA	167	
SOMALIA	167	

Source: transparency.org

Financing terrorism

Terrorist organizations use violence and their control of specific geographies and communities to build illegal businesses, seize assets and extract "taxes" or protection. Development and control of such sources of revenue can become a powerful sustaining objective, in parallel with or eclipsing the terrorists' stated goals.