

# Press release: Metropolitan Police's use of Facial Recognition Technology at the Notting Hill Carnival, 2017

Paul Wiles, Biometrics Commissioner writes about the use of Facial Recognition Technology at the Notting Hill Carnival.

This kind of biometric technology (Facial Recognition Technology) has the potential to be a really useful crime fighting tool but we are not there yet. It needs to be properly tested and evaluated if it is going to be effective and it will need to be handled carefully by the police and the government if it is going to be trusted by the public.

## **Key messages**

1. There is a public benefit in the use of such technology if it can be shown to help prevent the problems that there have been at previous carnivals by assisting the police to catch offenders or prevent crime.
2. Tests of facial matching for spotting individuals in large crowds have so far had very poor success – hence the Metropolitan Police's trial. It is good that they have made their trial public but they must carry out a proper evaluation and publish the results.
3. The police already hold over 20 million facial images but there is as yet no single, shared policing system for storing and searching police held images nor an evaluation of its accuracy and usefulness.
4. Police forces need to work together to agree on a single facial recognition system that has been proved to work in the field and government needs to create a legislative framework for its use, with independent oversight to provide public assurance, as it has done for DNA and fingerprints.
5. The previous Biometrics Commissioner made similar points as have others, such as the Science and Technology Select Committee, and we have yet to see what the government proposes as their Biometrics Strategy has been delayed for some time.

## Broader explanation

1. Police already hold over 20 million facial images on both the Police National Database and in separate force systems. Her Majesty's Inspector of Constabulary (Scotland) recently commented unfavourably on this situation since it means that different standards are being applied across the UK. Most of these facial images are custody images. The courts held in 2012 that these holdings were unlawful and the Home Office responded to that judgment in 2017. I have [commented on this response elsewhere](#).
2. Current police interest in facial matching has moved on from custody images to whether it can be used to identify individual offenders in public places. The capability to do this is still unproven since tests in such situations have shown very poor match rates unlike match rates in controlled environments.[1]
3. The police are conducting a number of trials to see if facial searching and matching technology can be employed effectively in crowded public places. Such experiments should be properly designed and evaluated, preferably involving external experts, and the results published. The police should also evaluate their use of facial images generally in order to demonstrate that they have a useful and cost-effective purpose, based on adequate matching quality. They also need to explain how they will deal with potential false matches.
4. There is limited research on this area and most of it has been conducted in the USA. Evaluations should include not just the behaviour of the matching algorithms but how they work in the total criminal justice system and how human decision making in such systems affects the accuracy of match rates.[2]
5. Facial matching systems have improved significantly recently and the use being explored by the Metropolitan Police may, at some point, reach acceptable quality for operational use but presently that remains to be demonstrated.
6. The use of facial images, especially in public places, is very intrusive of individual freedom, especially because images can be captured without the subject being aware. The public benefit of the use of such an intrusive technology must outweigh the interference in individual privacy. Such a difficult balance between public benefit and individual privacy should not be decided by the police but is best decided by Parliament through informed debate and legislation. As is currently the case for DNA and fingerprints the legislation should include independent oversight to reassure the public that their privacy is being properly

protected.

## **Paul Wiles, Biometrics Commissioner**

[1] The most extensive evaluations of the facial matching capabilities of different systems have been carried out by the [US National Institute of Standards and Technology \(NIST\)](#).

[2] See e.g. [D. White et al: Error Rates in Users of Automatic Facial Recognition Software, Plos One, 2015, 10 \(10\): eo 139827](#), showing how human error can reduce further the effectiveness of facial recognition systems.

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## **News story: Bogota speech: Secretary of State for International Trade**

Good morning everyone,

It is a pleasure to be here today in Bogota.

More than two centuries ago Simón Bolívar came to London to seek British support for Colombian independence; he returned with seven thousand British soldiers, who fought for Colombia, along with substantial financial and technological support for the cause.

British engineers constructed Colombia's network of railways and other heavy industry, stimulating economic development.

The United Kingdom supported Colombia from its very first days as a fledgling nation, and it is from these bonds of friendship that the UK and Colombia have built a great partnership that endures to this day, as our two nations remain key partners on the world stage.

Last year, soon after I was appointed Secretary of State, I had the honour to speak alongside President Santos during his very successful state visit to the United Kingdom.

I talked then about how the bonds of history have continued to unite our two countries.

We have remained close partners on defence and security. According to your own official figures, the UK has been Colombia's third largest foreign investor over the past decade, and our trading relationship was worth over one billion pounds in 2015.

But it is also fair to say that British business has not developed and nurtured this relationship as well as we might have done.

Our trade in goods with Colombia is behind the likes of France, Germany and Spain.

So today my message to British business is this; we need to redouble our efforts to re-forge this close bond, for Colombia is in the process of implementing an historic peace agreement which could transform its economic performance.

At our country our own painful experiences of the troubles in Northern Ireland have taught us that peace processes are never easy. They take courage and resilience, but that the rewards that come for a lasting and sustainable peace are worth the years of negotiations and reconciliation.

I am here today because the United Kingdom wants to partner Colombia, helping your nation to realize the dividends of peace, and working to transform the country.

We are supporting Colombia reach its full potential and generate prosperity. During last year's state visit we announced the creation of a £25m Prosperity Fund to promote prosperity and economic development in the areas affected by the conflict, and to support Colombia in reaching the full benefits of peace.

The programme will focus on urban development, transport infrastructure, capacity building, anti-corruption and increasing the agricultural competitiveness.

Our trading relationship continues to expand. Total trade in goods and services between the UK and Colombia totalled £1.3bn in 2015 – an 11.8% increase from the year before.

Like the UK, Colombia is committed to fiscal prudence, sound governance, and a commitment to free trade. With 16 free trade agreements already in place, your economy is among the most open in Latin America.

Combined with a 4% average growth rate over the past decade, and it is easy to see why Colombia is widely seen as one of the brightest prospects in the Americas.

When British companies arrive in Colombia, they can be transformational. KPMG has recently been awarded a contract to undertake financial structuring of the new Metro here in Bogota, a project that will have a very real impact on the lives of 10 million Colombians.

Holtrade have recently reached an agreement with Fenoco, the central rail concession, to become the first private operator in recent history to transport freight across the Central and Caribbean regions, revolutionising Colombian freight capacity.

Red Leopard and Cerromatoso, a subsidiary of the UK company South 32, have both announced major new expansions in their coal and nickel mining projects.

And Currie & Brown have been awarded the contract to undertake the technical structuring of Bogota's largest and most ambitious health project – the

regeneration and construction of 6 hospitals through Public Private Partnership. This is the first project of its kind in Colombia.

And it is not just the physical infrastructure of Colombia that UK companies are investing in. For more than 80 years, the British Council Colombia has supported the development of quality education, and promoted English language proficiency across the country.

Moreover, the British Council it's currently working with young people across Colombia to build upon the opportunities brought by peace.

These examples are only the tip of the iceberg, yet they illustrate how some of the UK's strongest areas of expertise – financial services, transport, mineral extraction, healthcare, and education – have the capacity to rapidly transform the lives of Colombian citizens.

Despite all this, we want to maintain and expand such relationships, the United Kingdom itself must continue to be a sure and stable commercial partner to Colombia.

As I'm sure you will all be aware, the United Kingdom is currently negotiating our withdrawal from the European Union.

There has been speculation in some sections of the media, here in Colombia as well as in the United Kingdom, that last year's vote to leave was a symptom of insularity, and that the United Kingdom would be withdrawing from the world stage, abdicating our international responsibilities and severing ties with Europe and the world.

I am here to tell you that nothing, absolutely nothing, could be further from the truth.

Last year's vote was about looking beyond the boundaries of Europe to the wider world. The government's ambition is not to create a 'little England', but a truly Global Britain.

Our country will become, once again, the greatest champion of global free trade, renewing our partnerships with new friends and new allies alike to spread prosperity to every corner of the world.

What lies at the heart of this vision? Why have we made it our mission to champion global free trade?

There are, of course, the macroeconomic benefits of free trade. Making it easier for UK businesses to sell overseas, and for foreign companies to operate in the UK, stimulates the economy.

Analysis by the OECD has indicated that a 10% increase in economic openness is associated with a 4% increase in output per head of the working population.

Yet the case for free trade is much wider. A better availability of products has brought cheaper goods and services to consumers across the world, raising

living standards and making incomes go further.

Economic interdependence reduces the risk of conflict, as prosperity weakens the grip of authoritarian leaders and commercial ties remove the incentives to have conflicts with one another.

And, perhaps most importantly, liberalised trade practices have lifted millions from poverty across the globe. There has been no greater liberator of the world's poor than free and open international trade.

It is perhaps true that businesses have been more adept at seeing the inherent opportunities of free trade, while governments have tend to see the risks.

That is why the UK intends to lead by example in promoting free trade from the highest levels of government. For those countries like the UK who have grown rich from global trade, there is a moral duty to ensure that those same freedoms are extended to developing nations.

Soon, the UK will be in a unique position to influence the spread of global free trade.

For the first time in more than four decades, we will have a fully independent trade policy.

Crucially, this will allow us to negotiate free trade agreements with new partners across the world, including those rapidly developing and expanding economies that will drive the global economy and global growth in the 21st Century.

The UK will become a global trade hub, leading by example to ensure that the world economy remains open and interconnected.

We will also regain our independent seat at the World Trade Organisation in Geneva.

As one of the world's largest economies, this will not only allow us a new forum in which to promote and protect free trade, but gives Britain a role in safeguarding the rules-based international order which drives global prosperity.

My own department for International Trade is a symbol of these ambitions.

Created mere weeks after last year's referendum, our task is to build these relationships, and to ensure that the United Kingdom remains open, outward-looking, and internationalist.

Yet this vision for Britain does not mean turning our back on Europe. Indeed, we want nothing more than to be the closest partners of a successful and prosperous European Union, maintaining those mutually beneficial commercial relationships upon which many international companies, including those from Colombia, rely.

Throughout the period of our withdrawal, our watchwords will be stability, continuity and transparency. We know how important certainty is to the global trading environment, and we will strive to ensure that consistency is maintained at all times.

That is why, as we leave the European Union, it is our strongest desire to maintain the same privileged relationship that our countries currently enjoy under the EU FTA, replicating as far as possible our existing trading terms. If Britain is to be a global leader in free trade, then we cannot, and will not, begin by erecting barriers that do not exist today.

So I am here today to reassure you that the UK will continue to be prosperous. The UK will continue to be at the heart of global trade. And the UK will continue to be the premier destination for Colombian investment.

The Department for International Trade is taking steps to ensure that these ambitions that we have are supported by our actions.

I am pleased to announce that support from UK Export Finance for trade with Colombia will increase to £4.5 billion.

This makes billions of pounds of additional financial support available to both UK exporters, and buyers of UK goods and services in Colombia, opening vast opportunities for British and Colombian businesses alike.

As globalisation and new technology continue to eliminate the barriers of distance and time, the UK stands ready to help Colombia harness this power.

Technology, Data, FinTech and Scientific Research are areas in which the UK excels. Firms across Britain are ready to bring their expertise to bear, expanding new industries across Colombia and South America.

IT services company Endava has just opened a new Software Development and Innovation Centre in Bogota, with plans to grow to at least 500 staff over the next few years, a training programme that invests in Colombia's future.

And Genius Sports, one of the fastest growing sports data and technology companies in the world, have decided to establish their South American Tech Hub in Medellín, to capitalise, they say, "on the enormous wealth of highly qualified tech workers available there".

They also freely admit that "the inspiration behind this investment came from President Santos's 'Legacy of Peace' Speech in 2016".

Across almost every industry, UK companies stand shoulder-to-shoulder with Colombia. Yet there is always more for us to do.

So I am here this morning not only to celebrate the past strength of the UK-Colombia relationship, but also to embrace the opportunities of the future.

As Colombia marks the transition to peace, the United Kingdom too is opening a new chapter in our future, one that will be founded upon economic openness, free trade, and a firm embrace of global opportunities.

It is an ambition for Britain which cannot be realised without the support and friendship of our allies. Those nations who recognise and embrace the importance of free trade must work tirelessly to strengthen the argument, leading by example and showing a world a path to prosperity that lies not in the protectionism, but in economic openness.

In this, the UK and Colombia are natural partners.

There may be challenges ahead, but if we remain true to these principles then we can build a safe and prosperous future for Britain, Colombia, and the rest of the world.

Thank you.

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## [Press release: Man jailed for attempting to smuggle cannabis through Edinburgh airport](#)

Yong Keh Kee, from Kuala Lumpur, Malaysia, was stopped by Border Force officers as he travelled from Madrid on 28 April 2017.

When they questioned him and examined two of his suitcases they found 10 vacuum packed packages containing cannabis leaves wrapped in towels.

The cannabis has a street value of £100,000.

Murdo MacMillan, Head of Border Force Scotland, said:

The vigilance of our officers has prevented a significant quantity of drugs entering the UK and ending up on our streets.

Working with partners from the National Crime Agency (NCA) we will continue to do all we can to prevent drug smuggling and bring those responsible to justice.

Cannabis is a class B drug which it is illegal to import, supply, or possess with intent to supply.

Following the seizure by Border Force, the investigation was passed to the NCA.

Ian Thomas, NCA Scotland Branch Commander said:



Drug trafficking fuels violence and exploitation and we are determined to work with law enforcement colleagues to protect the public from that.

Border Force officers use hi-tech search equipment to combat immigration crime and detect banned and restricted goods that smugglers attempt to bring into the country.

They use an array of search techniques including sniffer dogs, carbon dioxide detectors, heartbeat monitors and scanners – as well as visual searches – to find well-hidden stowaways, illegal drugs, firearms and tobacco which would otherwise end up causing harm to local people, businesses and communities.

Anyone with information about activity they suspect may be linked to smuggling should call the hotline on 0800 59 5000.

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## [Press release: Attempted people smuggler jailed](#)

Canterbury Crown Court heard how on 22 March 2016, a car was stopped by Border Force officers at the UK Control Zone in Coquelles, France. The driver was Hamid Alhendi, 42, and he had a passenger in his car.

The passenger presented a Dutch identity card. Border Force officers were not satisfied that the card belonged to the passenger. The passenger was found to be an Iraqi national and passed to the French authorities.

Deputy Director Dave Smith, from Border Force South East and Europe, said:

Border Force officers quickly recognised that the passenger's documentation wasn't legitimate.

The expertise of Border Force officers prevented illegal entry into the UK and is an example of the excellent work of our officers every day to stop abuse of our immigration rules.

Alhendi, of Hendale Avenue, Hendon, was arrested at the scene and the case was passed to Immigration Enforcement's Criminal and Financial Investigation (CFI) team.

Alhendi had told Border Force officers that his passenger was a friend of a friend who he had met at a party they had both attended in Paderborn during

his trip to Germany. He stated that at the party he had agreed to take the man to London.

Following his arrest, Alhendi's story changed. He claimed that he had initially agreed to give the man a lift to Amsterdam on his way home, a 2 hour detour. However, on his way out of Germany he damaged one of the front tyres on his car. Not willing to travel all the way to the Netherlands on a damaged tyre he told his passenger that he would instead take him to the UK and pay for his flight from London to Amsterdam.

After a 3 day trial at Canterbury Crown Court Alhendi was found guilty today (23 August) and was sentenced to 2 years' imprisonment.

Assistant Director David Fairclough, from the Immigration Enforcement Criminal Investigations team, said:

Mr Alhendi's story simply didn't add up. Our officers built a strong case to disprove his claims, including showing from phone records that the individuals had been in contact before Alhendi left the UK, despite him claiming they had never met before.

I hope this conviction sends a clear message that people smuggling will not be tolerated and that the consequences for those who engage in such criminality are severe.

Anyone with information about suspected immigration abuse can contact [Crimestoppers](#) on 0800 555 111 anonymously.

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## **Press release: Foreign Office Minister reaffirms UK commitment to rights of Hong Kong**

The minister will meet Carrie Lam, Chief Executive of the Hong Kong Special Administrative Region Government and James Lau, the Secretary for Financial Services and the Treasury, to discuss trade and investment, economic cooperation and the UK-Hong Kong relationship.

He will also discuss the political situation in Hong Kong with legislators from a range of political backgrounds. He will stress the UK's continued firm commitment to the Joint Declaration and 'One Country, Two Systems', which were put in place to ensure the prosperity and stability of Hong Kong and guarantee the city's rights and freedoms when it was handed back to China in July 1997.

The minister will make clear that it is essential that Hong Kong enjoys, and is seen to enjoy, the full measure of its high degree of autonomy and commitment to the rule of law enshrined in the Joint Declaration and Basic Law.

During the visit he will also take part in a British Council hosted roundtable discussion with Hong Kong's younger generation.

Mark Field, FC0 Minister for Asia and the Pacific, said:

Hong Kong is of great importance to the UK, and our long-standing commitment to Hong Kong as co-signatory of the Joint Declaration is as strong as ever. I am delighted to be the first UK Minister to visit Hong Kong since the 20th anniversary of the handover earlier this year.

The UK remains committed to strengthening its deep and wide-ranging relationship with Hong Kong across a number of areas, including trade and investment, education, culture, innovation and technology, and I look forward to discussing these issues and more during my visit.

The visit will be the second stop of the Minister's tour of Asia, which also includes mainland China, South Korea and Singapore.

## **Notes to editors**

1. The visit is Mark Field's first to Hong Kong since becoming Minister for Asia and the Pacific at the Foreign and Commonwealth Office in June 2017.
2. Hong Kong is UK's 15th largest market for goods and services combined, exporting £8.8bn in 2015.
3. Hong Kong is the third largest sending market of undergraduate students to UK universities.

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