Rome FCO airport has been awarded as «Best Airport in Europe» in 2018, 2019 and 2020
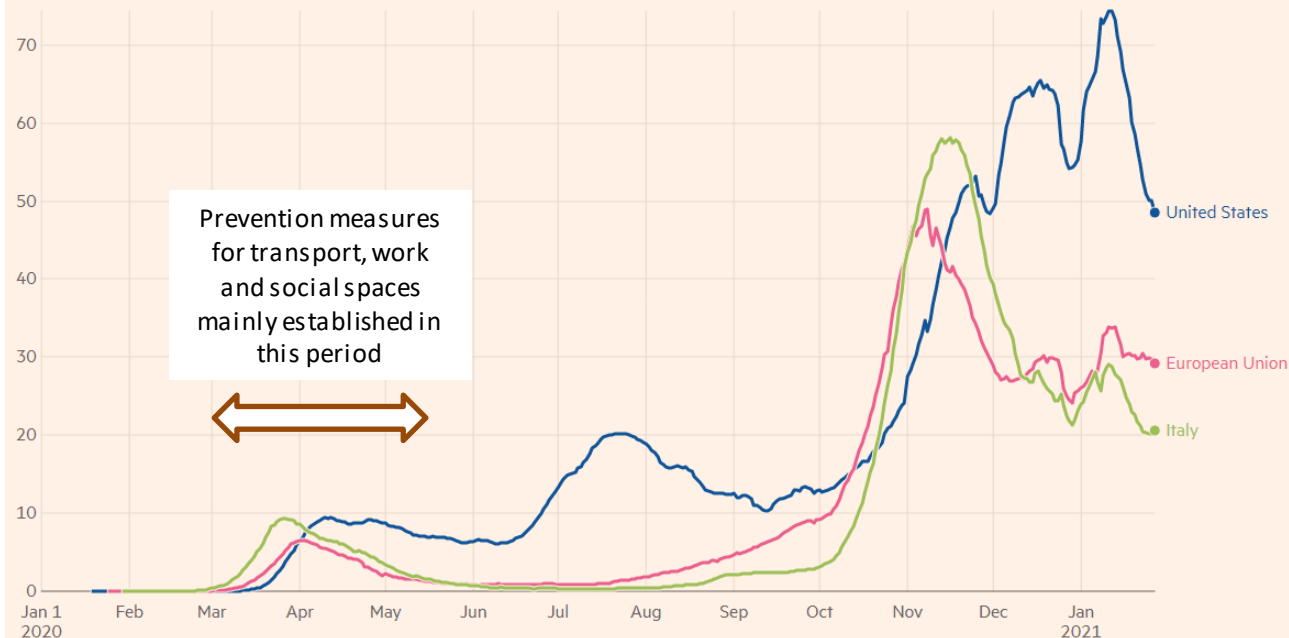
- ❑ Aeroporti di Roma – ADR – operates the **two airports of Rome** (Fiumicino FCO and Ciampino CIA).

- ❑ Total passengers in 2019: **49,4 mln** (26% of all passengers in Italy)

- ❑ With **43,5** mln passengers in 2019, Rome Fiumicino is a major hub airport in Europe. About 100 airlines connect Rome to **200+ destinations.**

- ❑ More than 50 long haul destinations, including 12 major cities in China

- ❑ **In 2019, 3,4 mln passengers** between North America and Rome. Up to **24 daily departures** serving the US market (2,8 mln pax). 600K pax between Canada and Rome.

- ❑ Fully committed to top quality service and safety

Covid-19 pandemic trends in Italy, in the EU and in the USA

New confirmed cases of Covid-19 in United States, European Union and Italy

Seven-day rolling average of new cases (per 100k)

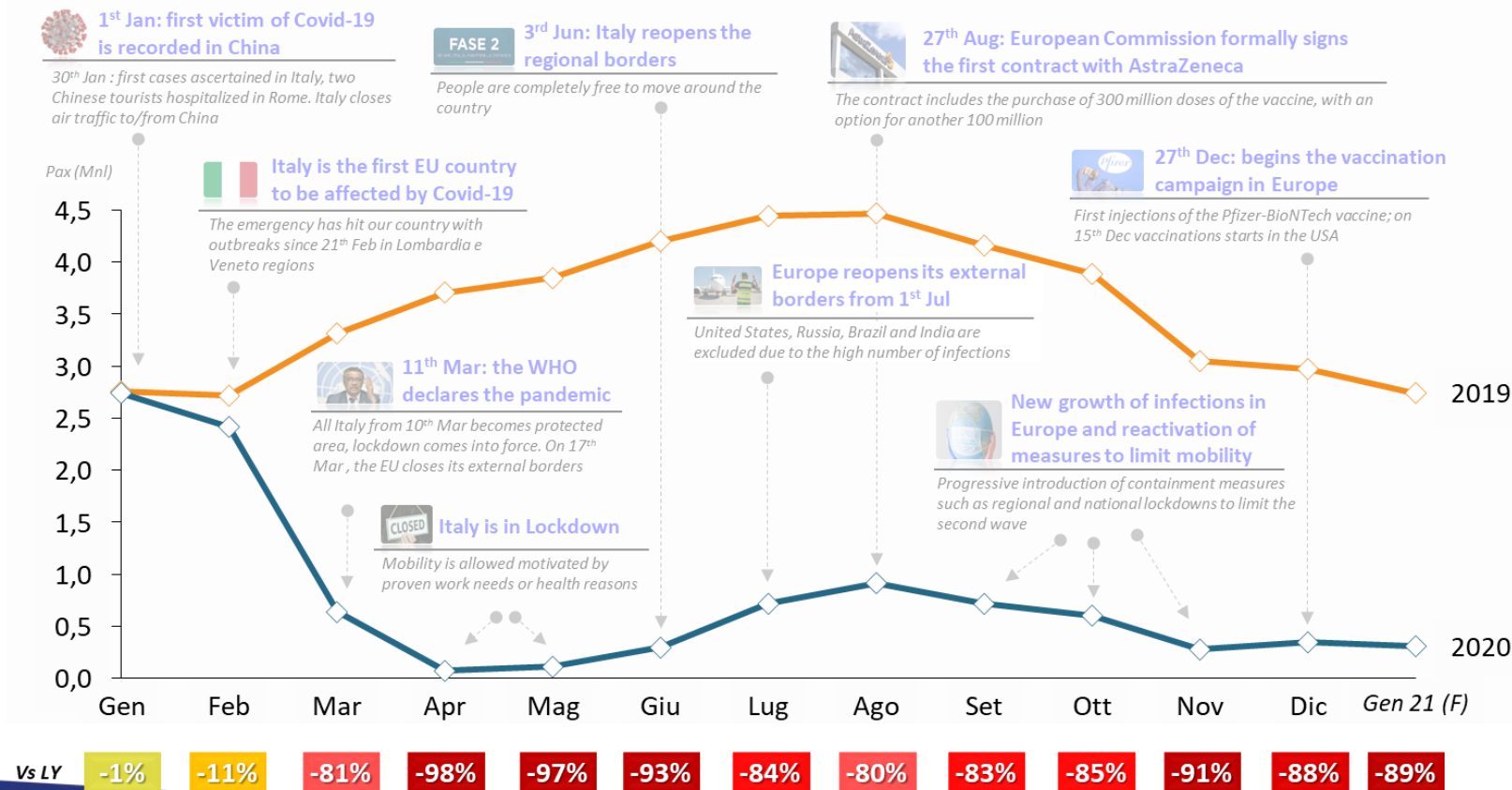Prevention measures for transport, work and social spaces mainly established in this period

Source: Financial Times analysis of data from the Johns Hopkins CSSE, the Covid Tracking Project, the World Health Organization, the UK Government coronavirus dashboard and the Swedish Public Health Agency.
Data updated January 28 2021 3.22pm GMT. Interactive version: ft.com/covid19

FINANCIAL TIMES

In **2020**:

- **January 30-31**, all direct flights to China suspended. State of emergency declared.
- **February 21**, first case locally transmitted in Northern Italy, first "red zones" and schools closures
- **March 9**, National lockdown. Until **May 4**. Then gradual lifting, but social distancing and mask obligation for indoor spaces stay since then.
- **Summer 20**, focus on imported cases
- **Autumn-Winter 20**, second wave, regions color-coded, measures linked to regional risk classification

From 43,5 mln passengers in 2019 to 9,8 in 2020 – Back to the 60s

1st Jan: first victim of Covid-19 is recorded in China

30th Jan : first cases ascertained in Italy, two Chinese tourists hospitalized in Rome. Italy closes air traffic to/from China

3rd Jun: Italy reopens the regional borders

People are completely free to move around the country

27th Aug: European Commission formally signs the first contract with AstraZeneca

The contract includes the purchase of 300 million doses of the vaccine, with an option for another 100 million

Italy is the first EU country to be affected by Covid-19

The emergency has hit our country with outbreaks since 21th Feb in Lombardia e Veneto regions

27th Dec: begins the vaccination campaign in Europe

First injections of the Pfizer-BioNTech vaccine; on 15th Dec vaccinations starts in the USA

11th Mar: the WHO declares the pandemic

All Italy from 10th Mar becomes protected area, lockdown comes into force. On 17th Mar , the EU closes its external borders

Europe reopens its external borders from 1st Jul

United States, Russia, Brazil and India are excluded due to the high number of infections

New growth of infections in Europe and reactivation of measures to limit mobility

Progressive introduction of containment measures such as regional and national lockdowns to limit the second wave

Italy is in Lockdown

Mobility is allowed motivated by proven work needs or health reasons

Pax (Mnl)

| | | 4,5 | 4,0 | 3,5 | 3,0 | 2,5 | 2,0 | 1,5 | 1,0 | 0,5 | 0,0 |

2019

2020

	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	Gen 21 (F)
Vs LY	-1%	-11%	-81%	-98%	-97%	-93%	-84%	-80%	-83%	-85%	-91%	-88%	-89%

4

Aeroporti di Roma response to COVID for a safe air travel and the creation of a new normality

Aeroporti di Roma's response strategy is based on **3 pillars**

- ❑ <u>A biosafe airport and air transport</u>, as base pre-requisite to restore air connectivity

- ❑ <u>Creation of clean corridors</u> where all passengers are tested before departure as a safer alternative to "trust-based quarantines"

- ❑ <u>Digitalization of health protocols</u> and processes

The biosafe airport: strict implementation of new rules and creation of new best practices

As one of the largest hub in Europe, ADR has been at the forefront of prevention measures, being committed to:

1. Strictly implement the new COVID regulations:

- National Government COVID Laws, issued with a 15-30 days cycle, stable in their aviation part since May 20
- The European Aviation Health Safety Protocol, issued by EASA/ECDC in May 20, signed by ADR June, 4
- ENAC's (Italian CAA) Guidelines for operators, published in May 20

2. Stimulate innovation and create best practice:

- Reengineering of all airport processes to meet health safety requirements
- Activation of a standing «COVID Innovation Lab» for quick adoption of new technologies
- Continuous communication to public
- Airport modelling to review new set-ups vs. health safety

3. Third-Party Certification of new airport set-up

- Early adoption of new certification schemes (Biosafety Trust in June, Health Accreditation in August)
- New organization to check respect of prevention measures and follow-ups

We achieved safety and health protection for customers. At the same time we enhanced passengers' confidence.

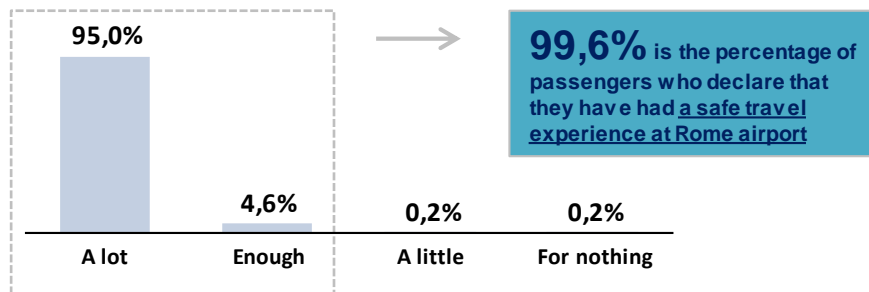# The biosafe airport looks very different. Thanks to new processes and technologies.
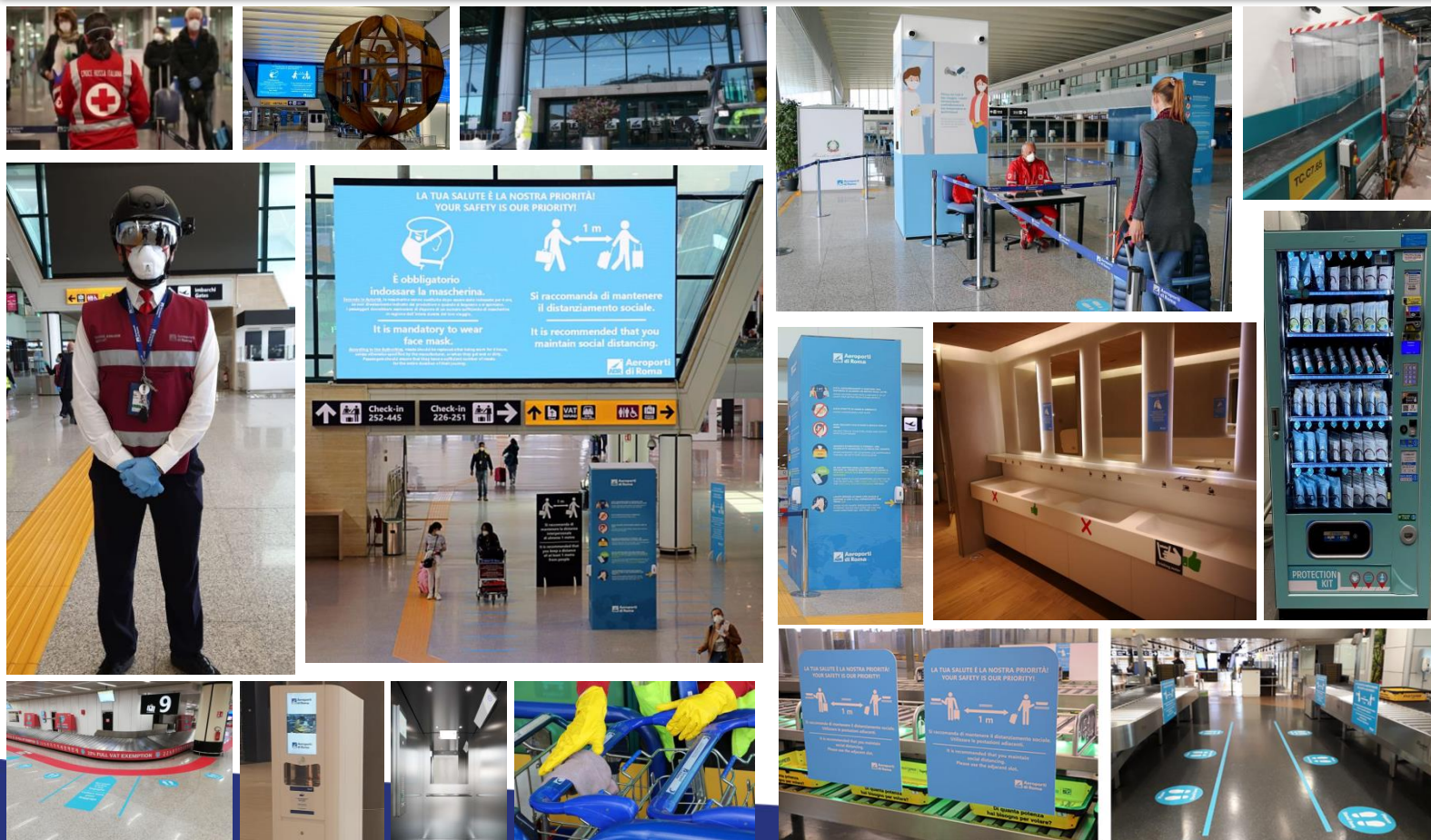
100+ Thermal cameras, helmet-mounted cameras, social distancing communication and enforcement, mask obligation enforcement, terminal entry restrictions, UV –C Security trays disinfection, UV-C escalators/elevators continuous sanitization, 300+ gel dispensers, chemical disinfection of hold baggage, baggage trolleys sanitization, sanitization booths, toilets occupancy digitally monitored, sanitization robots, social distancing modelling, touchless self-boarding, sanitizing mats, masks in vending machines, Perspex partitions, …

In the biosafe airport, passengers are very satisfied of measures in place and feel safe.

Passengers' surveys and monitoring consistently show satisfaction and high compliance to health safety rules

Thinking about your experience today, how much overall have you felt safe at the airport?

(1200 interviews at FCO)

	A lot	Enough	A little	For nothing
	95,0%	4,6%	0,2%	0,2%

99,6% is the percentage of passengers who declare that they have had a safe travel experience at Rome airport

In view of your experience today, what is your overall assessment of the Covid-19 contagion prevention measures adopted by Rome Airport?

	Excellent	Good	Discreet	Enough	Just sufficient	Poor
	58,3%	25,2%	5,5%	4,5%	4,6%	1,7%

93,5% satisfied passengers
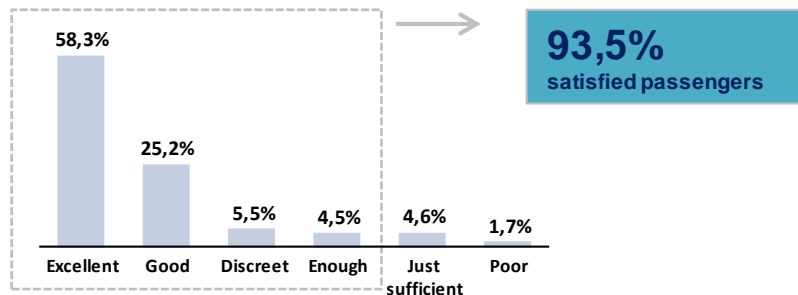
From Nov 2020, in cooperation with AIRBUS, a monitoring activity is under way at FCO Terminals:

- **98,1%** of passengers wear the mask correctly and 1,8% of passengers wear it incorrectly

- **90,1%** of passengers respect a social distance of 1,5 m (whereas in Italy the recommended distance by law is 1 m).

- **65,3%** of passengers consider mask AND social distancing necessary measures to feel safe

Aeroporti di Roma

The future of air travel: Foreseeable Scenario

Air traffic volumes
(100=2019 pax)

Despite the beginning of the vaccination campaign, the impact of the virus will continue to be relevant in the next future

COVID-19 outbreak

Herd immunity ? *Virus eradication*

Vaccination campaigns

? ?

Coexistence with virus

while demand resuming
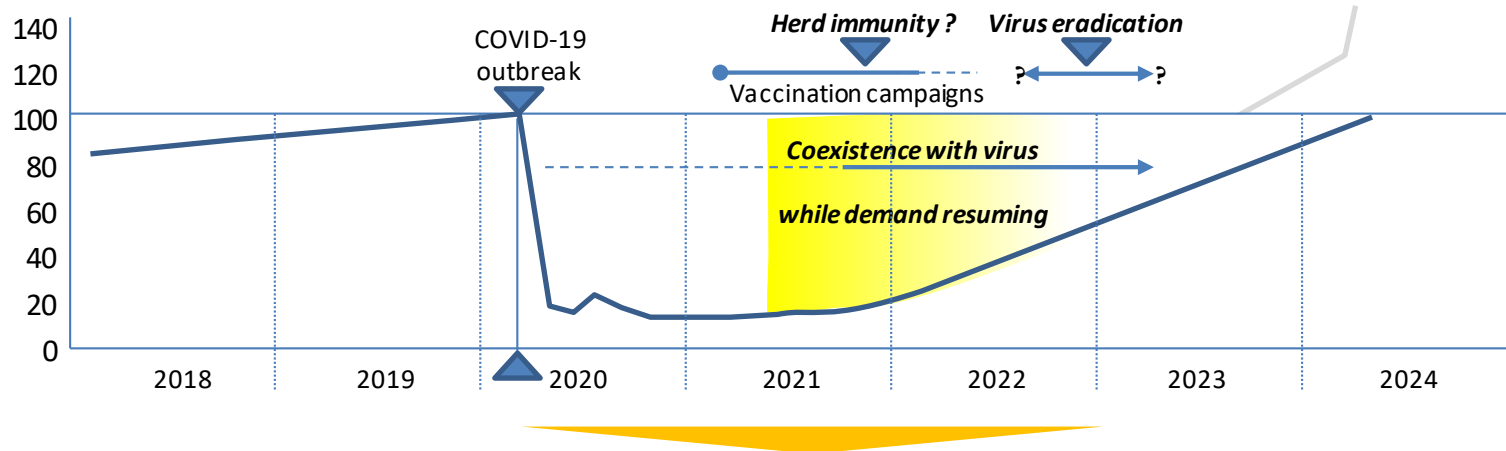
➢ The vaccine campaign commenced and is slowly – but consistently – being rolled out.
➢ Q4 2021 as the earliest target for herd immunity in Italy/EU. The virus will continue to exist and impact society – as well as the aviation sector – in the foreseeable future.
➢ **Need of travel protocols able to identify / control infected passengers likely to stay until total virus eradication**

The coordinated creation of <u>clean corridors</u> can safely restore air connectivity

The current risk mitigation measures across Europe appear subject to improvement

1 **In Italy, since early stages, based on the application of self-quarantine** (if not border closure)

> **not 100% safe**: fiduciary obligation based on individuals' behavior, not easy to enforce (e.g. recent cases of new strains imported from high risk Countries).
> **disproportionate** measure: hitting all passengers, including uninfected persons (>99% among air passengers).

2 **Measures finally switched to pre-departure testing in many EU States, but in <u>uncoordinated manner</u>** (some States request molecular OR antigenic, some only molecular, some molecular AND antigenic, some quarantine OR test)

3 **Testing protocols in European States are not yet homogeneous,** nor systematic and still involve the implementation of quarantine measures that annihilate long-haul mobility.

Aeroporti di Roma's proposal

> **All passengers from critical areas** (based on predetermined criteria and/or on contingent situation – e.g. spread of variants) **subject to certified pre-flight rapid testing** → 100% passengers controlled, safety perception on-board
> **NO restrictions on arrival**, which thus appear useless → sustainable mobility, healthy people can travel

On airport testing – on-going at Rome FCO since August 2020 – prepared the ground

Early adoption of RADT testing at the airport (arriving passengers)

- **Testing facility within the Terminal area**, fully operational since Aug. 16, 2020, in full partnership with the Health Authorities. Rapid antigen detection tests (RADT) utilized extensively (now 3 areas in the terminal, capacity up to 5,400 test/day, about **41,000 arriving passengers tested**).

- Largest **drive-through testing centre of Regione Lazio, located inside Fiumicino airport's long-stay car park** (ca 15,000 sqm, operating 7/24, daily capacity ~3,600 tests, rapid and molecular) – operational since Sept. 1, 2020, **93,000 tests performed**.

First "Covid – tested" flights on the Rome – Milan air shuttle

- Sept. 16, 2020 → **Aeroporti di Roma and Alitalia** started offering the first "**Covid-tested" flights** (2 DF) on the domestic route Rome FCO-Milan LIN, aiming at demonstrating operational viability and overall effectiveness of the proposed protocol, in cooperation with Region Lazio (Rome Region)

- On this pilot, passengers must either perform the rapid antigen test at the airport or present a medical certificate with a negative molecular (RT PCR) or antigenic test result carried out in the 72 hours before boarding. About 5,600 passengers have been tested at the airport (pilot ended 31st January).
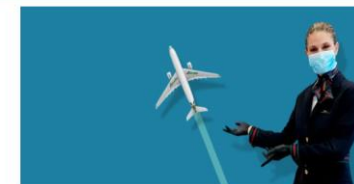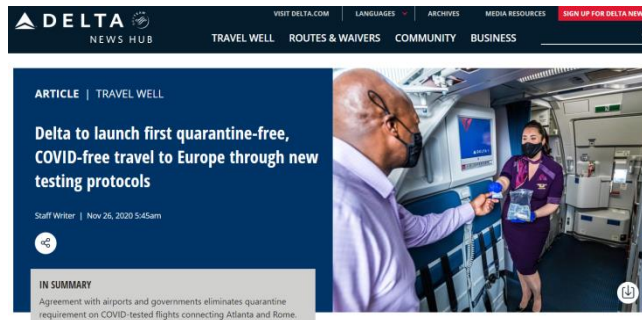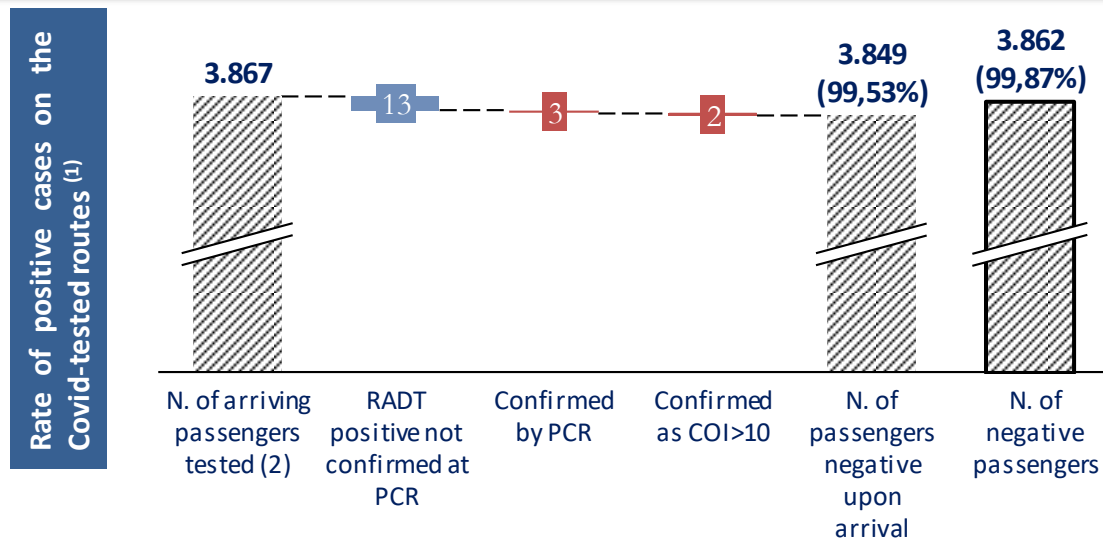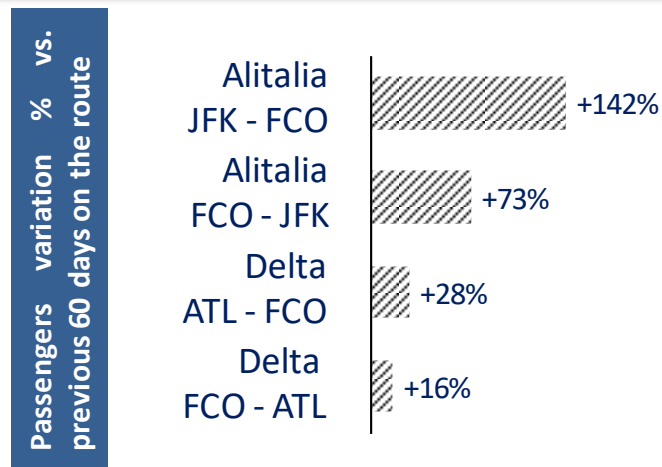
With Delta and Alitalia, Aeroporti di Roma launched the first transatlantic clean corridors

First transoceanic "clean corridors" experimented in Rome - a premiere for Europe

- **Nov. 23, 2020** → A Decree of the Italian Government allowed – on an experimental basis – **the first transoceanic Covid-tested corridor** to be operated in Rome Fiumicino, **trading trust-based quarantine on arrival for a pre-departure negativity** underline **control on 100% of passengers (re-tested after arrival in Rome)**.

  → passengers on Covid-tested flights from US **are not subject to quarantine obligations in Italy**, having performed a molecular/antigenic test within 48h before boarding and repeating a rapid antigenic test upon arrival at Fiumicino.

  - Dec. 8, 2020 → first Covid-tested flight from New York JFK to Rome FCO, operated by Alitalia;
  - Dec. 19, 2020 → first Covid-tested flight from Atlanta ATL to Rome FCO, operated by Delta Air Lines.

COVID-TESTED FLIGHTS NEW YORK JOHN F. KENNEDY – ROME FIUMICINO

ARTICLE | TRAVEL WELL

Delta to launch first quarantine-free, COVID-free travel to Europe through new testing protocols

Staff Writer | Nov 26, 2020 5:45am

IN SUMMARY

Agreement with airports and governments eliminates quarantine requirement on COVID-tested flights connecting Atlanta and Rome.

First transatlantic clean corridors – Facts & Figures (1/2)

Passengers variation % vs. previous 60 days on the route

Route	Variation
Alitalia JFK - FCO	+142%
Alitalia FCO - JFK	+73%
Delta ATL - FCO	+28%
Delta FCO - ATL	+16%

Rate of positive cases on the Covid-tested routes [1]

N. of arriving passengers tested (2)	RADT positive not confirmed at PCR	Confirmed by PCR	Confirmed as COI>10	N. of passengers negative upon arrival	N. of negative passengers
3.867	13	3	2	3.849 (99,53%)	3.862 (99,87%)

1 **Percentage of CONFIRMED positive cases is 1,3 on 1000, false positives at arrival antigen at 0,34%**. Risk of imported cases is effectively minimized, especially in the specific contest. The USA has had in the period **3 times as many new daily cases as Italy**. As of Jan 27, New York state reports 66 new daily cases per 100K, while Italy has 20.

2 **High operational effectiveness** with all checks being carried out in less than 2 hours. No impact on OTP.

3 **Very high passengers' satisfaction** with over 90% of passengers that would advice to travel on Covid-tested flights

4 **Negative cases are ACTUALLY negative:** Health Authorities cross-referenced data of positive cases emerging from molecular testing in the following 14 days after each flight arrival with those negative in the COVID-Tested flights' arrivals database: this analysis[1] has identified **only 2 occurrences**, **equal to 0.7 on 1,000 passengers**, on which further assessments should be carried out to determine if the case was actually imported.

5 The rate of "positive to the antigen test at Fiumicino/total tested passengers" for COVID Tested flights (**0.47%**) is significantly lower than the same rate found in the testing activity at the airport (with identical testing protocol) conducted between August and December 2020 on passengers arriving from EU countries considered at risk (**0.8%**). In the evaluation of these rates it shall be considered that in 4 of the last 5 months the new daily cases reported in the USA have been at least twice as many as those reported in the EU.

6 The above confirms that the air mobility reactivated thanks to the control scheme provided by the MOH Ordinance 11/23/2020 appears to consist of flows with **virus-prevalence close to zero**. To date, the rate for confirmed cases on these flows is significantly lower than both the ratio between new daily cases and total swabs carried out in the Rome region (approx. 5%), and the one relative to the arriving passengers flows that were checked at Fiumicino previously.

7 **The "Covid tested" flights protocol perfectly matched the new US CDC Order requesting** since Jan, 26 to test passengers bound to the USA before departure. In Rome such testing has been ongoing since the start of Covid Tested flights. No changes were necessary.

8 **The UNWTO has endorsed ADR's pilot project**, regarding it as the most viable strategy to restart tourism and therefore choosing it as the reference benchmark worldwide to overcome the crisis of the aviation sector.

(1)   Updated on Jan. 13 and regarded 2.826 passengers on "Covid-tested" flights

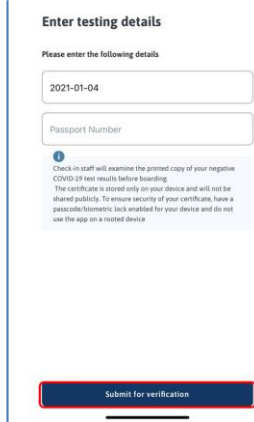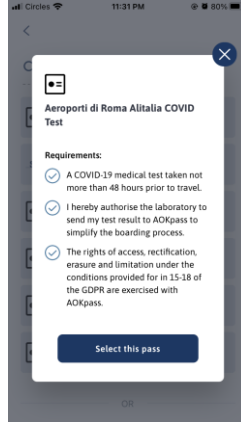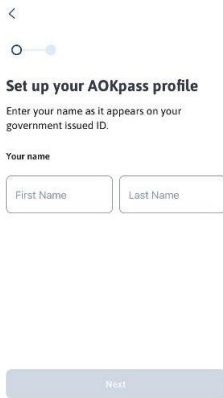# "Covid-tested flights" proposed by Aeroporti di Roma as the European way forward

Aeroporti di Roma's proposal to the Italian Government and the EU

1 **Extension of the trial** after 15 February 2021, the expected deadline established by the MOH Order, until September 2021

2 An **enlargement of the trial's perimeter**, with particular reference to:

– **additional intercontinental routes** to be activated as "COVID-Tested" flights with double control of passengers before departure and after arrival. For the strategic nature of Italy's air connections it is considered appropriate to activate connections in the USA also from Los Angeles, Washington DC, Boston, Miami and Dallas; outside of the US, top priority is Japan (Tokyo).

– **extension of the reasons allowing to enter in Italy with COVID-Tested flights** (also including, as soon as possible, "non-essential" private reasons)

3 Aeroporti di Roma **will directly manage testing operations** in the airport, at competitive prices, but also encourage off-airport testing 48h before departure.

Digitalization of health protocols needed to escalate clean corridors trials

Our first trial with a digital health pass

- Starting on January 5, ADR has begun trialing "**AOK Pass**", in partnership with **Alitalia** and in co-operation with the **Italian Ministry of Health**. So far 77% of the passengers tested in FCO decided to give the digital health pass a try.

- Passengers bound for New York on the Alitalia Covid-Tested flights present, upon boarding, a **digital negativity certificate** from a Covid-19 rapid antigen test, carried out at the airport, via the AOKpass app – developed in partnership with the **ICC - International Chamber of Commerce.**

The test administrator scans the passengers QR code in order to activate it associating the test result (negative/positive/retest). The QR code is now ready to be shown at check-in / boarding

A fully integrated health portal as a tool for the «new normal»

In cooperation with major airlines, ADR is working on a "<u>**Travel Health Portal**</u>" that can help passengers and airline meeting the Covid-19 legislation requirements:

- <u>**effective and safe handling of certificates:**</u> passengers can either upload their paper certificate or use a digital health pass from a partner provider;

- possibility for airlines to make <u>**boarding conditional to**</u> the presentation of the relevant health certificates / passengers declaration: information <u>**linked with airline systems**</u>.

- <u>**strong support for contact-tracing:**</u> accessible to health authorities with a fast and reliable database to speed up the contact-tracing procedures already in place

- **Digitization, through a QR-code**, of the information that passengers must provide at the airport, both **covid-19 negative certificates** and **proof vaccination** (<u>ease of reading</u>, <u>standardization</u>, <u>no forged certificates)</u>

A call for change, in the name of safety and mobility

AEROPORTI DI ROMA believes that the **Covid-tested flights Protocol**:

- is an obvious solution combining **enhanced safety** (100% controlled passengers) with **effective ability to travel**;
- is **to be widely adopted during the phase of coexistence with the SARS-CoV-2**, whose duration is not expected to be short nor certain, so as to ensure maximum safety and maximum speed of economic recovery, as traffic flows will progressively resume.

Hence, based on emerging operational and medical evidence, AEROPORTI DI ROMA **advocates**:

- **a structural application of the Covid-tested flights Protocol to non EU routes** to **remove/ reconsider quarantine obligations**
- **an ad-hoc adoption of the Covid-tested flights Protocol also at the EU level**, focusing **on the intra-EU routes mostly impacted by the pandemic**, **based on** objective and predetermined **criteria**, so as to avoid restrictions such as isolation and quarantine, complexities and risks on arrival

Aeroporti di Roma