



OCT
2021

2021 Q3 MONITORING & INTELLIGENCE REPORT & HIGHLIGHTS



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A BUSY QUARTER AND WORKING IN A "NEW NORMAL"

During the last 3 months, GLMS team has been extremely busy with all major sport competitions such as Euro 2020, Copa America 2020, the Tokyo Olympics generating a lot of attention. The beginning of the new sport season and the various leagues has also heavily engaged the resources of our integrity hubs given the nature of such very compressed sporting year.

Further to that, the absence of athletes from competitions due to COVID cases throughout the whole sporting ecosystem, and the countless strict protocols implemented by all governments have created extra monitoring activities for our colleagues in the GLMS Hubs.

During the summer months, we have organised internal GLMS working groups with regular updates with many engaged members on developments during the Euro 2020 and the Copa America. Given the level of participation and engagement by our members, this should be definitely considered a success story and worth repeating in the future, especially given the added value generated to GLMS members during such prominent competitions with regular kpi's measured and discussed throughout the different faces of the events.

During the same period of time and with regards to Euro 2020, GLMS has been involved in an ad hoc working group in partnership with UEFA and National Platforms with regular updates throughout the tournaments. During the Tokyo Games, a different format of working group was set

up, in a written daily form, again involving GLMS members and exchanging information from and with the IOC daily. This time, 80% of GLMS members regularly participated with at least 6 to 8 members providing regular updates on their markets and useful observations every day of the Games. Once again, GLMS' contribution was very positive and the customised service provided to our members was very much appreciated. To give an idea, during the Tokyo Olympics, GLMS has been able to send every morning a daily bulletin from the IOC to all our members with key information and potential issues regarding the matches to be played during that day.

Finally, I take this opportunity to encourage you all to continue to stay vigilant while we are all approaching a new and different phase of the pandemic.



**You stay safe
and be healthy.**

Ludovico Calvi
President - GLMS

Stay tuned and follow us for the latest news on our GLMS digital channels:



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HIGHLIGHTS OF GLMS'
THIRD QUARTER OF 2021



HIGHLIGHTS OF GLMS' THIRD QUARTER OF 2021

A) GLMS AT INTERNATIONAL EVENTS



i. GLMS participates at the [Sports Betting Community \(SBC\) Italy digital summit on match-fixing in COVID-19 times](#). GLMS President Ludovico Calvi, participated in the summit on 27 July 2021 to discuss the phenomenon of match-fixing in COVID-19 times. The panelists discussed new threats to the Integrity of Sport in the Post Covid Era and the ongoing challenge against the manipulation of competitions.

ii. GLMS participated, on 26 July 2021 in a webinar organised by the [Brazilian Ministry of Economy, SECAP's on the future of sports betting nationally](#). GLMS President Ludovico Calvi presented a report on the world lottery panorama and highlighted that the change in the way sports betting is taxed will be very positive for Brazil.



iii. GLMS participates in [FIFA Global Integrity Workshop](#) co-organised by UNODC, for CONCACAF and CAF Federations.

Represented by Fabiàn Garcia, GLMS' executive committee member and sports betting manager at La Banca, GLMS' Uruguayan lottery member, GLMS delivered, to CONCACAF Football federations in August, an educational presentation on betting in football and national co-operation between associations and betting operators. GLMS Legal and projects manager, Cassandra Fernandes later delivered a similar presentation for CAF federations in October 2021.



HIGHLIGHTS OF GLMS' THIRD QUARTER OF 2021

A) GLMS AT INTERNATIONAL EVENTS



LUDOVICO CALVI

President, Global Lottery Monitoring System Executive Committee

iv. GLMS participates in the **International Association of Gaming Regulators Annual Conference** in September 2021. GLMS President Ludovico Calvi spoke about responsible gaming and sports integrity as part of the consumer protection policy and the role of technology in the legal and technical compliance process that supports the regulatory efforts.

v. GLMS and members participate in **Sports Betting Community Summit in Barcelona**. GLMS and its members, La Française des Jeux, SISAL (Italy) , as well as Sporting Solutions all participated on various panels. While Andy Wright, Sporting Solutions CEO, spoke about technology, Cecilio Santiago, General Manager Spain Office for Sisal discussed Ceuta as a new hotspot for sports betting brands. Finally, Gilles Maillet (FDJ) together with Ludovico Calvi of GLMS, spoke on an integrity in Sports betting panel.



HIGHLIGHTS OF GLMS' THIRD QUARTER OF 2021

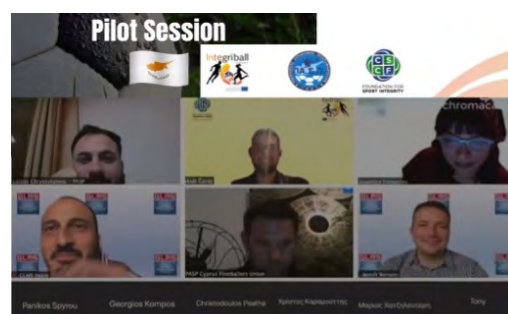
B) GLMS ENGAGING IN EDUCATION AND AWARENESS RAISING TO LAW ENFORCEMENT, SPORT AND PUBLIC AUTHORITIES

i. GLMS discusses sport integrity and inter stakeholder cooperation at [Integrisport Next's 1st awareness raising session in Estonia](#). GLMS' Cassandra Fernandes and Daniel Chan provided an educational session to law enforcement authorities, prosecutors and other important stakeholders of Estonia on betting, sports betting in Estonia, and understanding monitoring integrity alerts and reports. They also discussed the importance of working in a multi-stakeholder fashion, including with legal betting operators in order to address the topic of sports manipulations. The [feedback from the national stakeholders](#) was very positive and will hopefully trigger concrete actions going forward.



ii. GLMS participates in the final Integriball fact finding educating grassroots and women's football players in Cyprus in September 2021- GLMS to host closing conference on 30 November 2021

Another of GLMS' partner projects is slowly and successfully coming to a close, completing, last August and September the last of the pilot and train the trainer sessions virtually in Cyprus. The [Integriball project](#), co-funded by ERASMUS+ programme and coordinated by CSCF Foundation for Sport Integrity has accompanied 5 football federations in developing a specific curriculum for the target groups to identify and address issues of match-fixing. The project will share, through partners and stakeholders, the findings and outcomes of the project, to be hosted by GLMS, on 30 November 2021 in Lausanne, Switzerland and online. [More information on the event here.](#)



HIGHLIGHTS OF GLMS' THIRD QUARTER OF 2021

B) GLMS ENGAGING IN EDUCATION AND AWARENESS RAISING TO LAW ENFORCEMENT, SPORT AND PUBLIC AUTHORITIES



iii. GLMS contributes to MESGO Course in September 2021. GLMS participated for the first time in the 6th Edition of the The Executive Master in Global Sport Governance in September in Mainz (Germany). Cassandra Fernandes discussed the manipulation of sports competitions, the Macolin Convention and how lotteries play a key role in protecting sport integrity, working together with the sport movement and other relevant stakeholders.



iv. GLMS participates in Council of Europe's FLAGS project. FLAGS builds upon the achievements of the Global Football Alert Analysis Workshop (GFAAW) set up by the Council of Europe to fight manipulation in football, with the support of FIFA, to bring together the main actors, pool their expertise, resources and analyses. FLAGS aims at identifying 'flagged' teams to be notified to national platform coordinators, together with law enforcement authorities in order to be monitored for a determined period of time. FLAGS also aims at providing a secure space for the sharing and analysis of relevant information. GLMS is one of the partner of the project.

HIGHLIGHTS OF GLMS' THIRD QUARTER OF 2021

C) AN INTERVIEW ON GLMS MOVING FORWARD



i. **SBC Leaders' Magazine - An interview looking at GLMS moving forward.** The Sports Betting Community - SBC - who has been GLMS' strategic partner - spoke to GLMS President, Ludovico Calvi, following his re-election in June 2021 at GLMS' general assembly. [SBC Leaders spoke with Ludovico](#) about his plans for the organisation, challenges to overcome as well as what is being done to ensure that sporting competitions remain free of crime.

" The world of sport after Covid-19 will be certainly with more unknowns and fewer certainties vs the past, in particular with regards to the level of revenues generated by sports clubs and the need to offset the losses with drastic cost-cutting measures.

This scenario will inevitably create conditions for fraudsters to exploit weaknesses and take advantage of this moment of vulnerability of the system in the "new normal". We must work together as a Global Sport Integrity Community actively involving key public and private stakeholders while continuing to be vigilant and protect the safeguarding measures put in place to guarantee the legality and shield athletes and consumers across the globe". -

Ludovico Calvi discusses plans and challenges ahead for GLMS, and life in a COVID-19 world for lotteries, in the SBC Leaders magazine July 2021 edition.





GLMS has had a busy start to autumn 2021, generating several alerts and endeavouring to explain the suspicious or irregular odds movements so that members and partners can better evaluate the trends and activities before taking action. We have also been explaining the way our alerts and monitoring works, to sports and law enforcement partners within our partner projects, Integrisport Next, Integriball and KCOOS+ and have been contributing with our monitoring activities to the work of the Council of Europe's Group of Copenhagen.

Operationally, we conducted our second internal working group activity of the summer (and ever) the Tokyo Games and had daily interactions and contact with the International Olympic Committee, in order to together work with our respective members and NOCs to ensure a safe competition.

We really depend on the active involvement of our members and partners because we redistribute this information into our network of members and use this to compile thorough integrity reports, record trends and overall better read the market to send out as accurate information on potentially upcoming fixtures as possible. It also allows us to arm our members with enough information to be able to fruitfully contribute to their national coordination in fighting and preventing cases of sports manipulations.

GREEN NOTIFICATIONS EXPLAINED

When an odds movement appears suspicious, our team investigates further (e.g. looking at related team news, checking in with our local member) and then if we can explain away the significant movement, we give it a green notification. GLMS operations team have a logical approach, looking globally but are also in direct contact with our local members. The green notifications are, on the one hand, important for traders on the ground, but they also help notice other trends, such as certain teams or competitions appearing frequently beyond the betting stakeholder. Such information is useful for our member to provide their national platforms or other national stakeholders, as information beyond sports betting may have been collected and it therefore contributes to a wider context of identifying possible manipulations.

GLMS Alerts

The human factor coupled with the automated factor is key in the generation of GLMS' alerts and reports. GLMS automated alerts generated by the GLMS Platform are based on the betting market odds movement and the thresholds settings. The thresholds are set manually by GLMS analyst experts based on historical odds and our comprehensive database. When our team evaluates these alerts, engages with our members and conducting a deep-dive investigation, we requalify alerts and therefore generate manual alerts. The team produces reports for red alerts and on request of our members. More on the alerts methodology can be found on page 16.

ALERTS AND NOTIFICATIONS TO MEMBERS AND PARTNERS



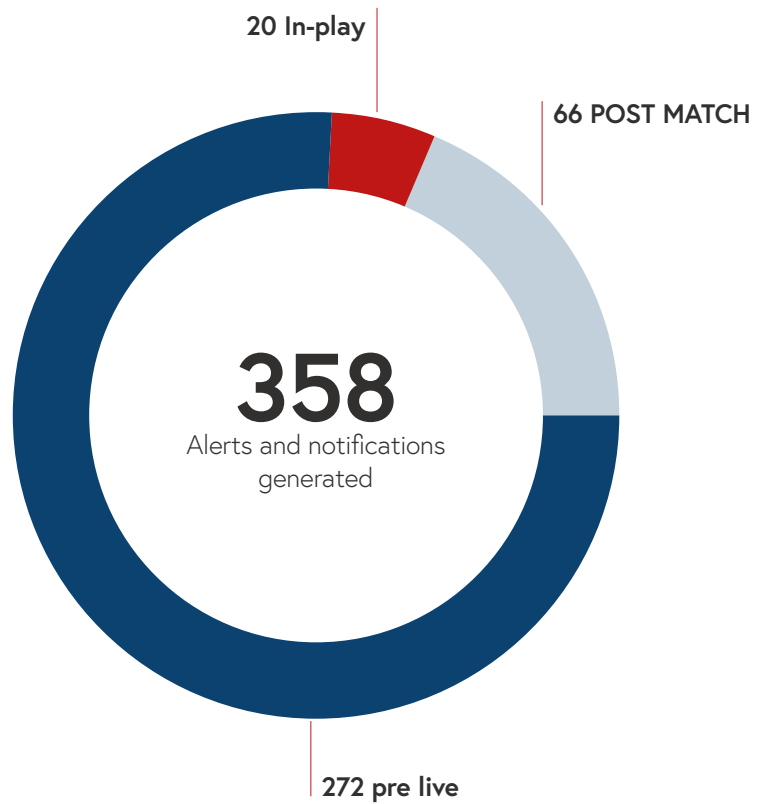
26 ALERTS + 8 INTEGRITY REPORTS TO MEMBERS AND PARTNERS

In Q3 2021 (July-September 2021), the GLMS team alerted 26 matches to its members and partners. Some alerts were also sent to local regulators or law enforcement authorities. Other alerts went to the relevant sports federations and relevant project partners. We prepared 8 in-depth analysis reports when we qualified red alerts, or upon special requests by members/partners.



GENERATION OF ALERTS AND NOTIFICATIONS: TIMING

Out of the 358 alerts/notifications that were generated in Q3 of 2021, 272 were created before the start of the match, while 20 alerts were based on in-play odds changes. 66 alerts were triggered after the end of the matches.



186



91



20



61

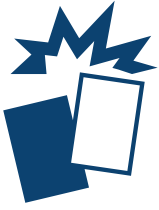


Others
(Request, Member info)

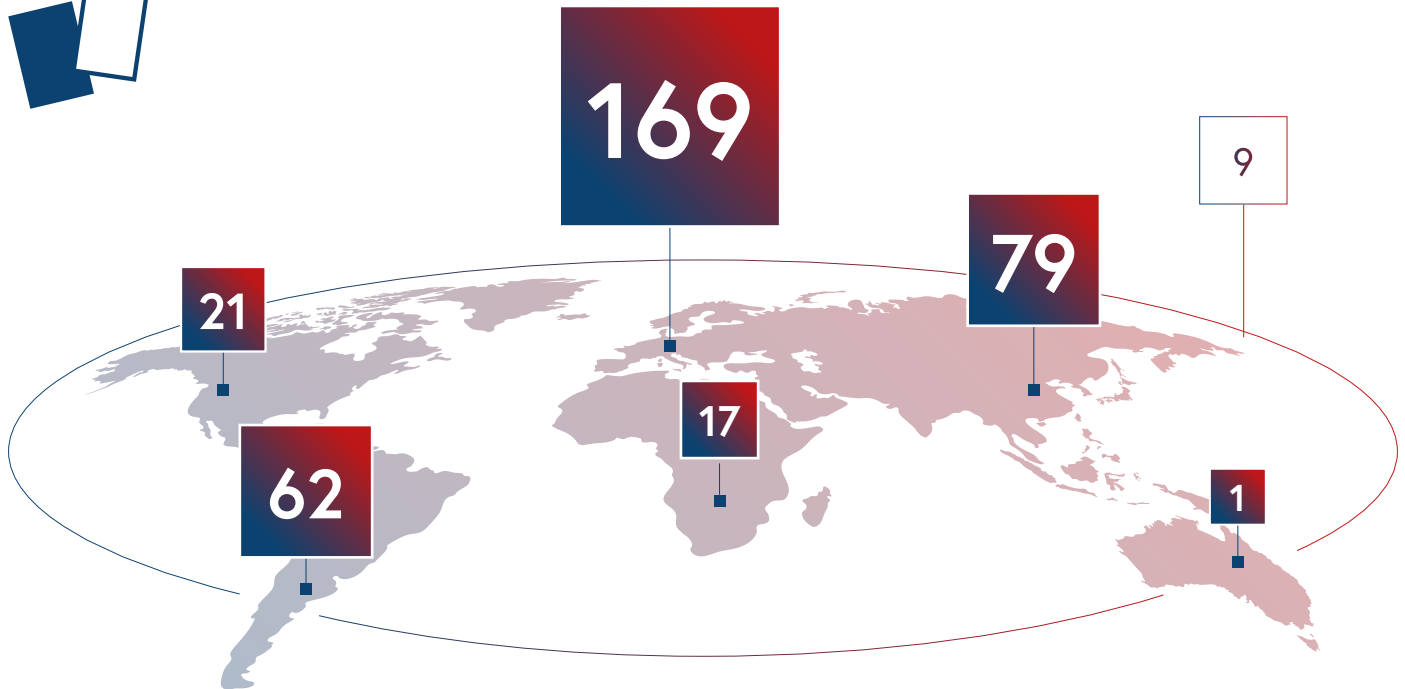
ALERTS AND NOTIFICATIONS COLOR DISTRIBUTION



Out of these 358 alerts/notifications, the GLMS team qualified 20 as code red and 11 were generated pre-match or live. All 11 of the pre-match or in-play red alerts ended as expected with the result confirming the suspicious odds movements. There were 91 yellow alerts and 186 green notifications. The remaining 61 alerts were a result of a request or information provided by our Members or Partners.

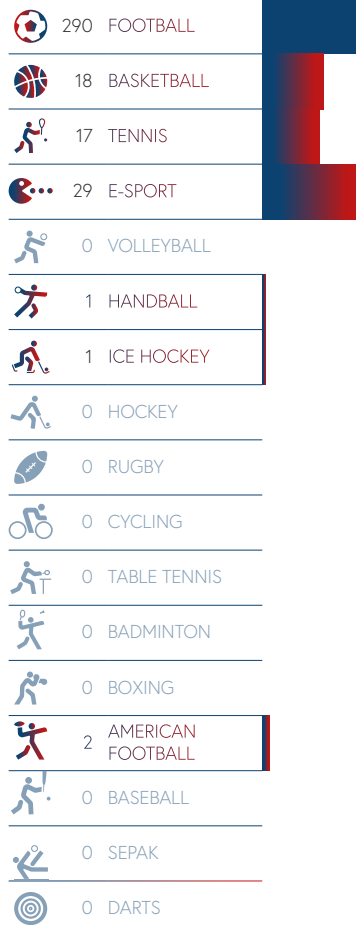


ALERTS AND NOTIFICATIONS BY CONTINENT + SPORTS



	169 EUROPE	79 ASIA	21 N.AMERICA	62 S.AMERICA	17 AFRICA	1 OCEANIA	9 INTERNAT.
FOOTBALL	144	52	13	60	14	1	6
BASKETBALL	11	1	2	2	1	0	1
TENNIS	7	5	4	0	1	0	0
E-SPORT	5	21	0	0	1	0	2
VOLLEYBALL	0	0	0	0	0	0	0
HANDBALL	1	0	0	0	0	0	0
ICE HOCKEY	1	0	0	0	0	0	0
HOCKEY	0	0	0	0	0	0	0
RUGBY	0	0	0	0	0	0	0
CYCLING	0	0	0	0	0	0	0
TABLE TENNIS	0	0	0	0	0	0	0
BADMINTON	0	0	0	0	0	0	0
BASEBALL	0	0	0	0	0	0	0
BOXING	0	0	0	0	0	0	0
AMERICAN FOOTBALL	0	0	2	0	0	0	0
SEPAK	0	0	0	0	0	0	0
DARTS	0	0	0	0	0	0	0

ALERTS AND NOTIFICATIONS TO MEMBERS



TOTAL NUMBER OF ALERTS
AND NOTIFICATIONS SENT
TO MEMBERS **358**



REASONS TRIGGERING ALERTS AND NOTIFICATIONS



GLMS ALERTS AND NOTIFICATIONS METHODOLOGY & CLASSIFICATION

In order to reach a report, GLMS first generates an alert, each time an irregularity in terms of betting patterns is detected. An alert generated leads to thorough consultation with the GLMS Members, as well as a deep investigation on potential grounds that could justify the irregularity detected in the odds changes.

When the irregularity cannot be justified on objective grounds and also the information received from GLMS Members (also regarding the money flows) further indicate an irregularity, then GLMS issues a report

Green Notification	Yellow Alert	Red Alert
<ul style="list-style-type: none"> • Team related news • Motivation • Same owner/sponsor of the club • Farmer club • Member info • Minor odds changes that need further investigation - could be justified by info • Wrong starting prices 	<ul style="list-style-type: none"> • Member info • Betfair volume • Unexplainable odds changes • Structure of tournament • Rumors of matchfixing - from social media, betting forums, news etc. 	<ul style="list-style-type: none"> • Suspicious odds changes • Member info • Rumors of matchfixing from a named source • Betfair volume/patterns

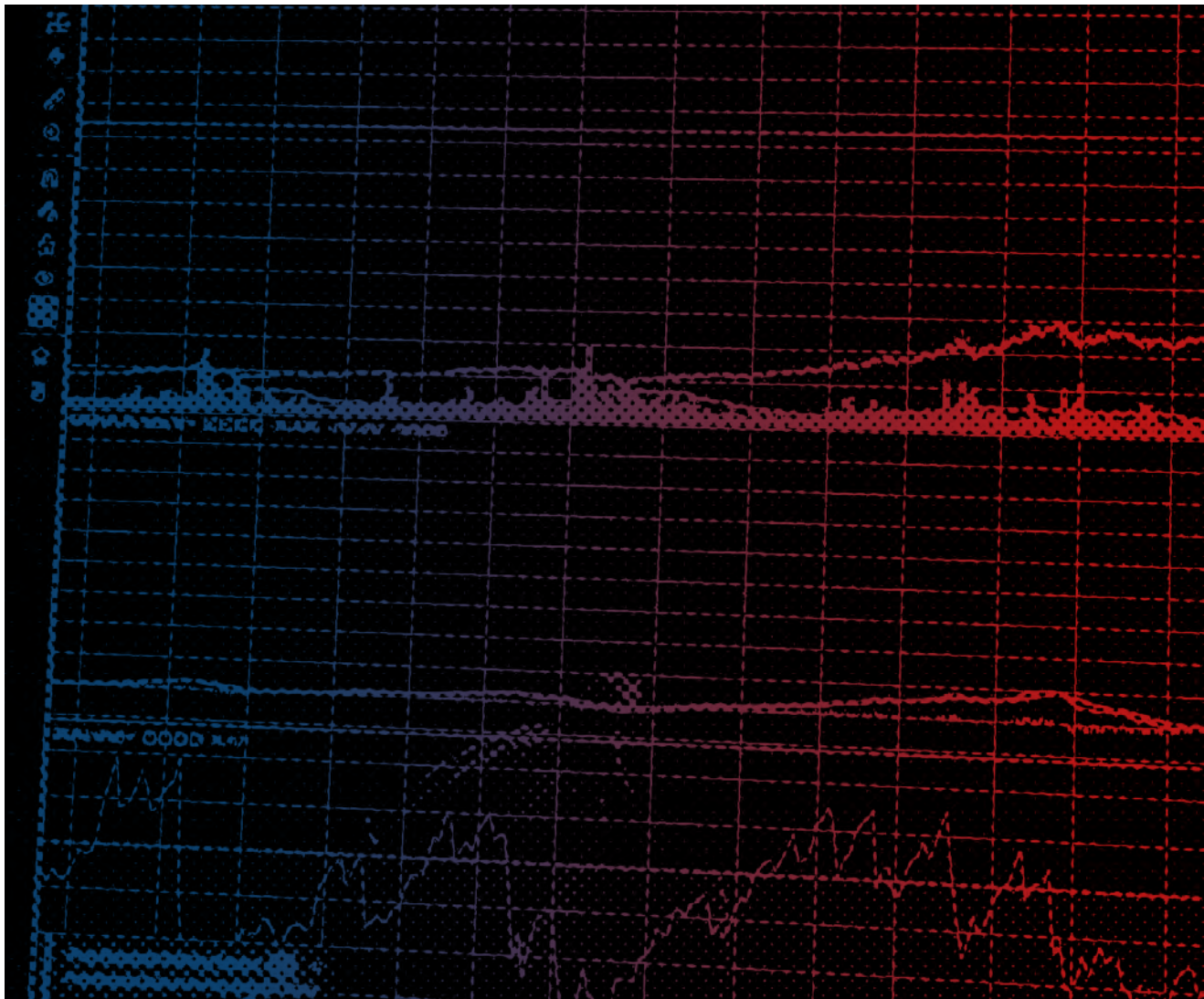


GLMS has three full-time operational hubs in Asia (Hong Kong), Europe (Denmark) and North America (Canada).

For more information, please contact OPERATIONS@GLMS-SPORT.ORG

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GLMS' FIRST ONSITE HYBRID EVENT OF 2021



GLMS' FIRST ONSITE/ HYBRID EVENT OF 2021



Integriball ERASMUS+ Closing conference - 30 November

The EU- co-funded project, [Integriball ERASMUS+](#), will be coming to an end, after successfully overcoming the challenges of COVID-19, running from January 2020 – until the end of 2021. GLMS is delighted, as a project partner, to be hosting the closing conference in Lausanne (Switzerland) in the afternoon (CET) of 30 November 2021. The conference will be GLMS' first event of 2021 onsite, with anti-Covid-19 measures, thus with a limited number of seats. The event will also run online live.

Integriball is coordinated by the [CSCF Foundation for Sport Integrity](#), whose experts have accompanied the football federations of Belgium, Czech Republic, Greece, Malta and the Cyprus Football Players' Union in developing a targeted curriculum for grassroots boys and girls, as well as senior women footballers, to identify and address issues of match-fixing at club and national levels.

The Project, supported by the Council of Europe and by UEFA, takes on a unique perspective, developing and disseminating a multidisciplinary, comprehensive education programme on protecting grassroots (U16-18) and women football players from sports manipulations. The CSCF experts and partners have produced guidelines for the athletes, coaches and administration of the federations so that they know how to recognize, fight and talk to the right people about the issues they encounter.

The project closing will share, through partners and stakeholders, the findings and outcomes of the project, to be hosted by GLMS, on 30 November 2021 in Lausanne, Switzerland and online.

Coordinator

CSCF Foundation for Sport Integrity



GLMS' FIRST ONSITE/ HYBRID EVENT OF 2021

National Partners



RBFA
Royal Belgian FA



Pancyprrian Footballers Association
(PASP)



EPO
Hellenic Football Federation



FAČR
Football Association of the Czech Republic



MFA
Malta Football Association

Institutions



Ghent
University



GLMS
Global Lottery Monitoring System

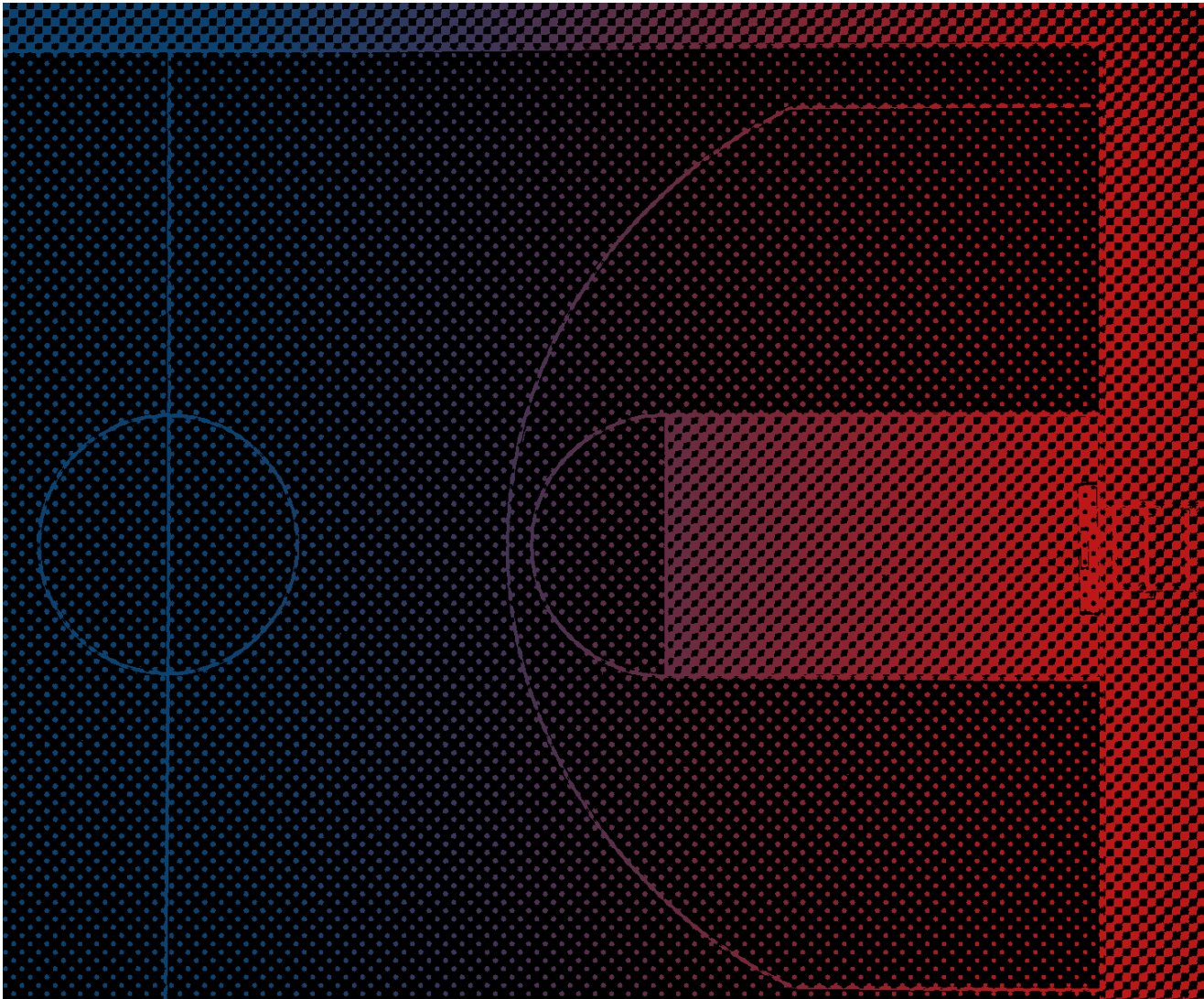
Supporting partners



COE - Council of Europe



UEFA - Union of European Football Associations



GLMS lottery member, MDJS, supports the signature by Morocco of the International Macolin Convention on the Manipulation of sports competitions (CETS 215). [Morocco signed, in September 2021, the Macolin Convention](#), adopted in 2014 by the Council of Europe, as the first African State to do so. The treaty, the only international, legally binding instrument to address specifically the manipulation of sports competitions, has been in force since September 2019 and is overseen by its statutory committee, the T-MC Follow Up Committee. La Marocaine des Sports et des Jeux, with GLMS' support, played a key role in the signature of the Convention by Morocco, highlighting the importance of the need of an international legislative framework to address this important issue. Over 30 States have signed their intent to join the Convention, while 7 have ratified, sitting on the Committee, together with 5 Observer organisations, including GLMS.



European Lotteries highlight the importance of sport, mental health and well-being during the European Week of Sport.

GLMS Collective founding member European Lotteries in alignment with the objective of the European Week of Sport (23-30 September 2021), together with The European Sports NGO (ENGSO) highlighted the importance of sport, mental health and well-being during a joint webinar. European Lotteries is a key partner in the [ERASMUS+ project, coordinated by ENGSO, SPIRIT - Sport & Psycho-social Initiative for Inclusive Training 2020-2022](#).



**THE EUROPEAN
LOTTERIES**

FOR THE BENEFIT OF SOCIETY

European Lotteries publishes 2020 Annual Report

In this third edition of the [Annual Report](#), GLMS' collective founding member, EL, reflects on an unforgettable year. Services to Members continued despite the pandemic. 2020 saw the launch of the online EL e-learning platform for all Members available in four languages with general modules on personal effectiveness and modules on CSR and training for HR professionals. An already planned new state-of-the-art website, corporate identity and a fully redesigned secure MyEL environment also brought new opportunities to EL Members.

FDJ Group launches PROLINE+ sportsbook with OLG



GLMS associate supplier member, Sporting Solutions, as well as FDJ Gaming Solutions, both owned by FDJ Group, GLMS' individual member, [have confirmed the launch of Ontario Lottery and Gaming Corporation's \(OLG\) new PROLINE+ online sportsbook](#), cited as among Canada's first single event betting platforms and the only legal sportsbook in Ontario.

OLG - one of GLMS' individual Canadian members- now has a new sports betting offer that is a fully managed solution that leverages Sporting Solutions' trading services and FDJ Gaming Solutions' Advanced Betting Platform (ABP) to provide a seamless wagering experience for players, allowing them to engage online using any device.

SHOWCASING OUR ASSOCIATE SUPPLIER MEMBERS



Staying Ahead of the Game in Extraordinary Times

As the world's leading gaming company, IGT is committed to responsible and sustainable practices that help our customers and communities stay ahead of the game.



Valuing our People



Advancing Responsibility



Supporting our Communities



Fostering Sustainable Operations

In these unprecedented times, we continue to connect players around the world with best-in-class solutions that respect both people and the environment, while delivering excellence to keep gaming fun and safer for all.

To learn more, download the new **IGT Sustainability Report**, available now on [IGT.com](https://www.igt.com).

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SHOWCASING OUR ASSOCIATE SUPPLIER MEMBERS



UNRIVALLED SPORTS BETTING EXPERTISE TRANSFORMATIONAL RISK MANAGEMENT



Modular solutions for pricing, risk management, analytics and tooling, deployed in any combination and consumed as a product or service

Offer stand out prices against local competition



Drive user experience and treat customers fairly



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SHOWCASING OUR ASSOCIATE SUPPLIER MEMBERS



Driving
Lottery Digital Transformation
with flexible, reliable, secure solutions and systems.

intralot

Certified by WLA for its Responsible Gaming program, INTRALOT is committed to the principles of responsible gaming incorporating them at its best-in-class product solutions and global operations.



SHOWCASING OUR ASSOCIATE SUPPLIER MEMBERS

Oyuncu

Player

LE JOUEUR

Der Spieler

EL JUGADOR

Il Giocatore

MANLALARO

玩家

Reimagine
Next

No Matter
How You Say 'Player,'
Scientific Games is There

From casino games to lottery games, from sports betting to iLottery,
Scientific Games delivers the world's best entertainment experiences.



Reimagine Next

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GLMS is the state lotteries' mutualized monitoring system on sports betting. It aims at detecting and analyzing suspicious betting activities that could question the integrity of a sport competition. Building on six years of experience with the establishment in 2009 of ELMS with European Lotteries, GLMS went global in January 2015 extending the network to other continents. GLMS facilitates the sharing of sports betting information as part of the collective efforts of its members in ensuring sports integrity globally, and is dedicated to effective cooperation with all key stakeholders: regulators, law enforcement authorities, sports organizations.

GLMS currently has 34 Individual and 1 Regulating member; 5 Associate members and 2 Collective members across 4 continents

COLLECTIVE MEMBERS



INDIVIDUAL MEMBERS



ASSOCIATE MEMBERS



REGULATING MEMBERS





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