International Olympic Committee

TRUSTWORTHY AI FRAMEWORK FOR THE OLYMPIC MOVEMENT

SUPPORTING SPORT TO EXPLORE NEW TECHNOLOGIES WITH CONFIDENCE

Olympic™ AI

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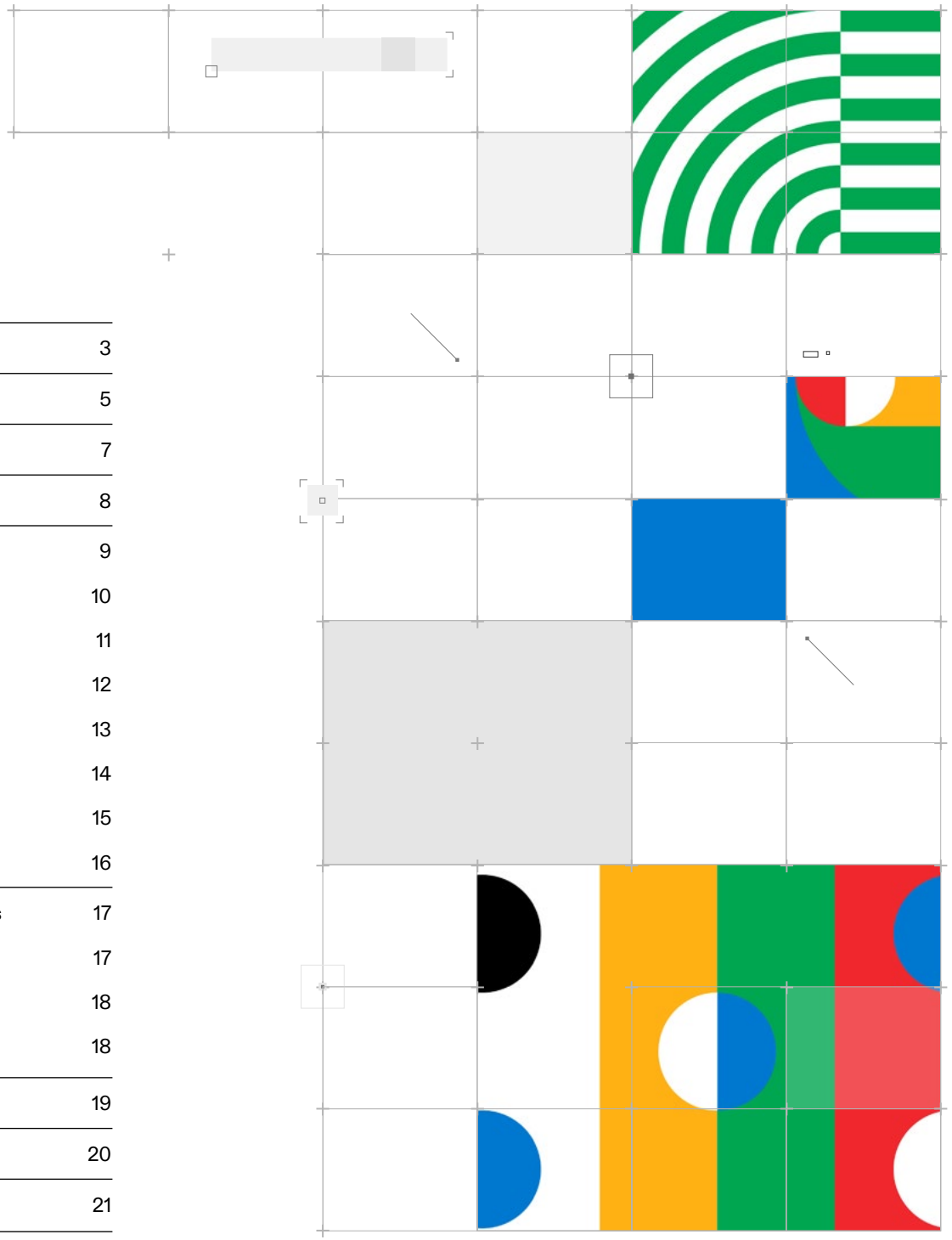

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EXECUTIVE SUMMARY

Artificial Intelligence (AI) presents the Olympic Movement with unprecedented opportunities to transform and grow. However, this potential is accompanied by intensifying risks, including data privacy breaches, concerns around amplified biases, a lack of transparency and a potential for widespread misuse – risks that the creation of this Trustworthy AI Framework aims to address.

Sport and AI, today and tomorrow

The Trustworthy AI Framework has been created to help athletes, officials and organisations across the Olympic Movement explore new AI technologies responsibly and with confidence. Developed with the support of Deloitte, a Worldwide Olympic Partner, and through extensive engagement with over 200 leaders across the Olympic Movement, the Framework forms part of the IOC's strategic commitment to promoting the responsible use of AI.

Why it matters

AI technology is developing at an unprecedented rate, bringing with it both huge opportunities and enormous risks both for organisations and wider society. General AI governance often falls short in addressing the complexities, ethical dilemmas and regulatory intricacies inherent to the Olympic Movement and the broader world of sport – from governance and data privacy issues off the field of play to fairness and trust on it. This Framework is designed to help organisations across the Olympic Movement face up to many of these concerns and develop their own solutions.

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The Olympic Trustworthy AI Principles

The Framework is built upon seven Trustworthy AI Principles, which serve as ethical and operational pillars:

- Prioritise safe and secure AI for sport
- Protect personal data with respect and care
- Deliver robust and reliable AI for sport
- Make sure the use of AI is clear and transparent
- Govern AI with accountability and responsibility
- Ensure AI is fair and equitable for all
- Support sustainable AI for the future of sport

The Trustworthy AI Checklist

The Trustworthy AI Checklist, a tool built on the seven Trustworthy AI Principles, is a three-step process designed to help Olympic Movement stakeholders explore new AI technologies:

1. **Evaluate risk:**
   Assess the potential risks inherent in an AI system or application before setting controls on its use.

2. **Embed trust:**
   Apply the seven Trustworthy AI Principles to manage these risks.

3. **Enhance with recommendations:**
   Support users to pursue high standards of trustworthiness and integrity when developing or using AI systems and applications.

Governance and oversight

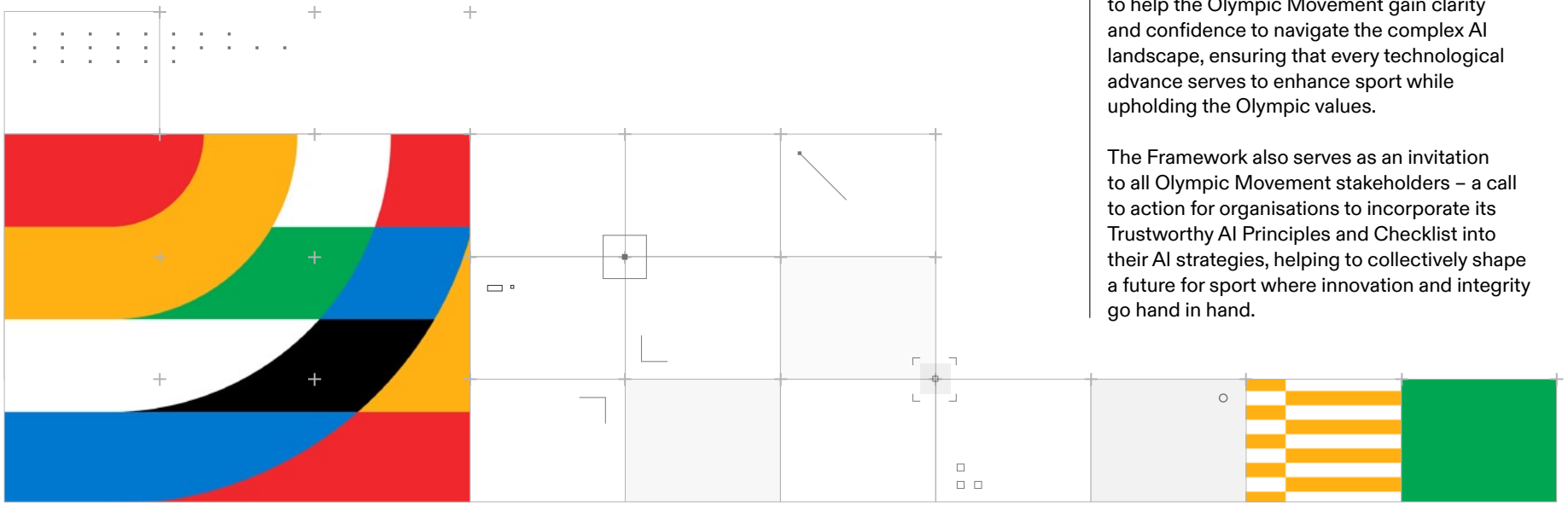
The IOC's role is to support the Olympic Movement through this Trustworthy AI Framework and the accompanying Trustworthy AI Checklist. However, the responsibility for the safe and ethical deployment of AI will rest with the Olympic Movement organisations that are developing, procuring or utilising AI systems and applications.

Call to action

Technology is having an increasing impact on every aspect of our lives, and it is vital that we evolve and adapt to the changes it will continue to bring. The Olympic Movement should aim to ensure that as AI reshapes the world, it does so in a manner that upholds the enduring values and integrity of sport and Olympism.

The Trustworthy AI Framework is designed to help the Olympic Movement gain clarity and confidence to navigate the complex AI landscape, ensuring that every technological advance serves to enhance sport while upholding the Olympic values.

The Framework also serves as an invitation to all Olympic Movement stakeholders – a call to action for organisations to incorporate its Trustworthy AI Principles and Checklist into their AI strategies, helping to collectively shape a future for sport where innovation and integrity go hand in hand.



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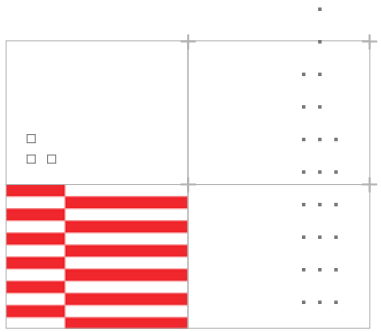
INTRODUCTION

SPORT AND AI, TODAY AND TOMORROW

"As athletes, we place our trust in the systems around us – trust that the competition is fair, that our data is protected, that the rules serve us all equally. This Framework is our commitment to ensuring that as AI reshapes sport, it does so with fairness, transparency and respect for everyone in the Olympic Movement."

Kirsty Coventry
IOC President



The Olympic Movement has always stood at the intersection of human endeavour and technological progress. From pioneering broadcasting techniques to advances in sports science, innovation propels the Olympic Movement forward: improving athletes' performance, enriching fans' experiences and strengthening a global community united by sport.

The Olympic AI Agenda, published by the IOC in April 2024, was created to guide the Olympic Movement in its use of new AI technology. Its publication recognised the nascent power of AI to shape the future not just of sport but of the wider world.

Today, the AI landscape is going through a period of rapid acceleration and change, far surpassing even recent predictions. What was once theoretical is now increasingly tangible, with AI's transformative potential permeating every facet of society.

This evolution is profound in sport. Generative AI is already creating hyper-realistic training simulations, personalised fan engagement content, strategic game planning assistance and dynamic automated broadcast commentary. Agentic AI, meanwhile, is now developing and providing autonomous officiating systems, intelligent coaching agents tailored to individual athletes and optimised complex event logistics, while also unlocking new frontiers in athlete performance analysis. These advances are promising unprecedented efficiencies, deeper insights and more immersive experiences for athletes, coaches, officials, administrators, event organisers and fans alike.

Such rapid changes are also creating new challenges, from ethical dilemmas and data privacy concerns to worries about in-built technological bias and potential misuse. These challenges are amplified in the high-stakes, global environment of sport, and more specifically for Olympic Movement organisations. The fairness and integrity of competitions, the privacy of athlete and fan data, and the near-universal trust placed in the Olympic Games demand a thoughtful and robust approach to the Olympic Movement's adoption of AI.

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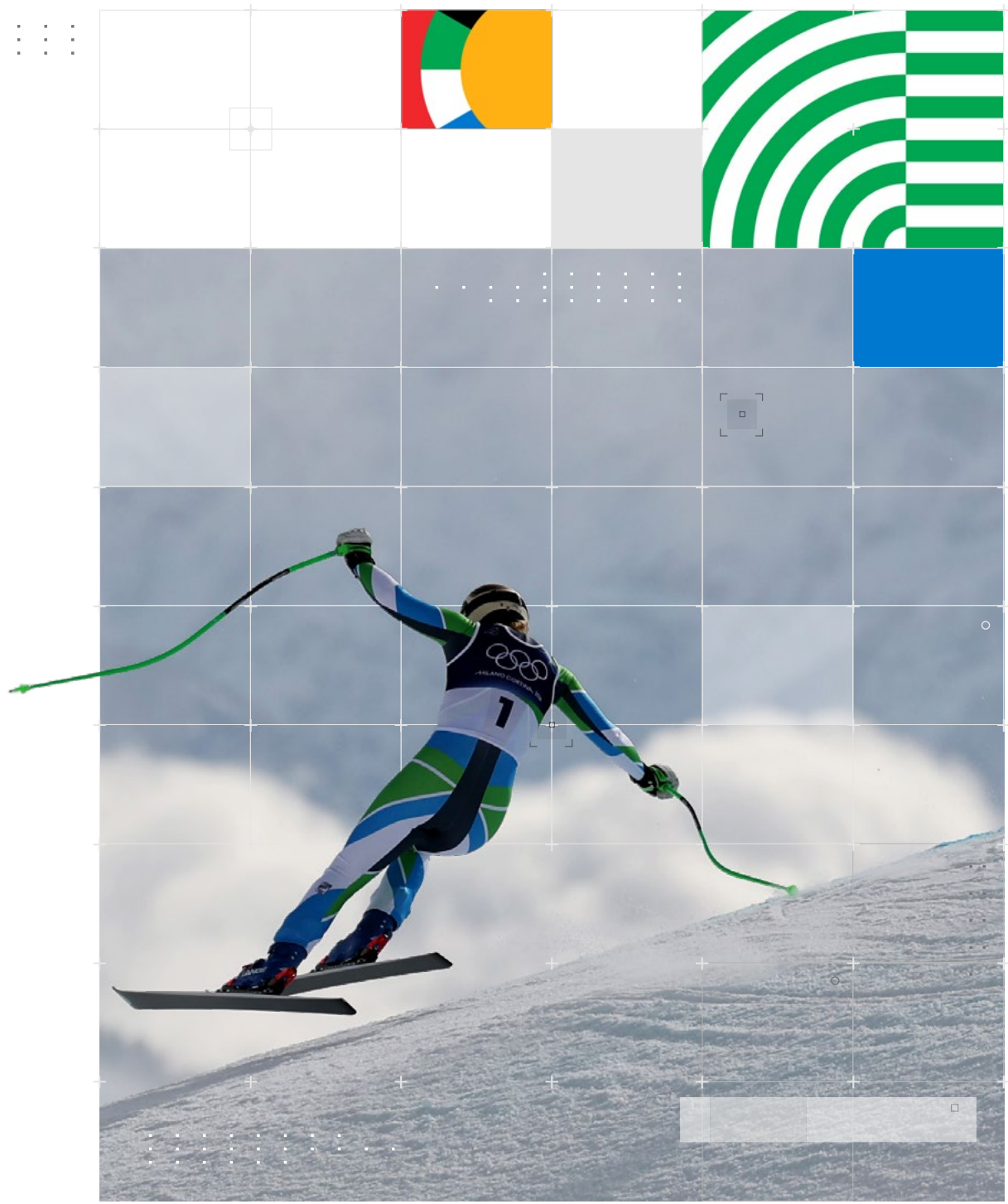
Introducing the Trustworthy AI Framework for the Olympic Movement

This backdrop of immense opportunity and escalating risk has inspired this Trustworthy AI Framework for the Olympic Movement. The IOC has collaborated with the worlds of business, policy and academia on its creation, with the support of Worldwide Olympic Partner Deloitte. Its development has involved extensive engagement with more than 200 leaders from International Federations (IFs), National Olympic Committees (NOCs), Games hosts, athletes and others, ensuring that the Framework is grounded in real-world needs and perspectives drawn from across the Olympic Movement.

The Trustworthy AI Framework aims to help Olympic Movement organisations to explore new AI technologies with confidence. A key part of the IOC's strategic commitment to promoting the responsible use of AI, the Framework has been designed not to stifle progress, but rather to enable informed decision-making – providing both guardrails and guidance to help organisations safely and ethically unlock the transformative potential of AI.

The full benefits of AI across the sporting landscape will only be realised if all stakeholders have trust in these systems. The Trustworthy AI Framework aims to support organisations to use AI in a manner that upholds the enduring values and integrity of sport and the Olympic Movement.



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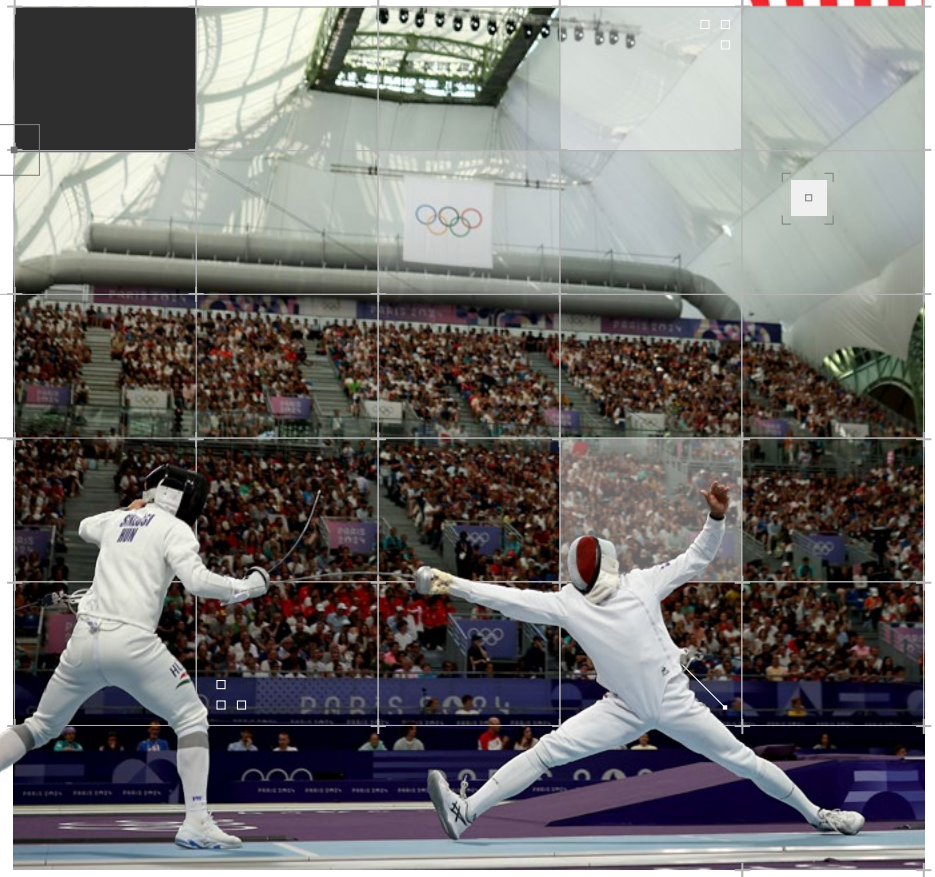

The IOC believes that an AI framework tailored to the needs of the Olympic Movement is not merely beneficial but critically important.

AI technology is developing at an unprecedented rate, bringing with it both huge opportunities and enormous risks both for organisations and wider society. General AI governance provides a basic foundation, yet it often falls short when it comes to the complexities, ethical dilemmas and regulatory intricacies inherent to the Olympic Movement and the broader world of sport – which include:

- **Governance and regulations**
  Sport has global reach, operating across borders with a vast array of stakeholders – athletes, coaches, officials, governing bodies, fans, media, technology providers and many others. Its international profile means organisations must navigate a complex patchwork of data and AI regulations, as well as different societal norms.

- **Challenges and concerns**
  Current AI frameworks don't address the specific needs or wishes of sport and the Olympic Movement – for example, athletes' rights regarding sensitive performance data; a risk of legacy data and practices embedding bias in AI-supported coaching, talent scouting and other areas; the need for clear, transparent and meaningful officiating decisions; the handling of unconsented fan data; and so on.

- **Resources and capabilities**
  Many sports organisations lack the know-how, the resources, the capabilities or the infrastructure to develop and/or implement AI systems and applications, leading to in-house improvisation and/or a heavy reliance on third parties. This potentially widens the competitive divide between well-resourced stakeholders and others, leading to unfair advantages in AI development and adoption, poor implementation of new technologies and even harm to stakeholders.

This Trustworthy AI Framework aims to help organisations across the Olympic Movement address many of these concerns. As AI reshapes the future, the Framework has been designed to help the Olympic Movement use these new technologies to strengthen sport's enduring values and ensure the benefits are fair and accessible to all.

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THE IOC'S VISION FOR TRUSTWORTHY AI

The potential advantages of AI should not be confined to the few. This Framework aims to ensure that every Olympic Movement stakeholder, from grassroots organisations nurturing future talent to international federations and elite-level athletes, can confidently explore and implement AI systems and applications.

The Trustworthy AI Framework is designed to:

- Democratise access to the benefits of AI.
- Cultivate an environment where innovation thrives within a trusted ecosystem.
- Encourage partnerships and collaborations between technology providers, national and international sports federations, athletes and academic institutions.

The IOC aims to help the Olympic Movement to harness the transformative potential of AI in alignment with the Olympic values – using the potential of these new technologies to foster fairness, universality and solidarity.

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THE TRUSTWORTHY AI PRINCIPLES FOR THE OLYMPIC MOVEMENT

The Trustworthy AI Framework is built on seven core principles, which are designed to guide, encourage and support the development and use of AI across the Olympic Movement.

The seven principles below each address a critical dimension of trustworthy AI, ensuring that the pursuit of technological advancement is always balanced with commitments to integrity, fairness, and human- and athlete-centred values.

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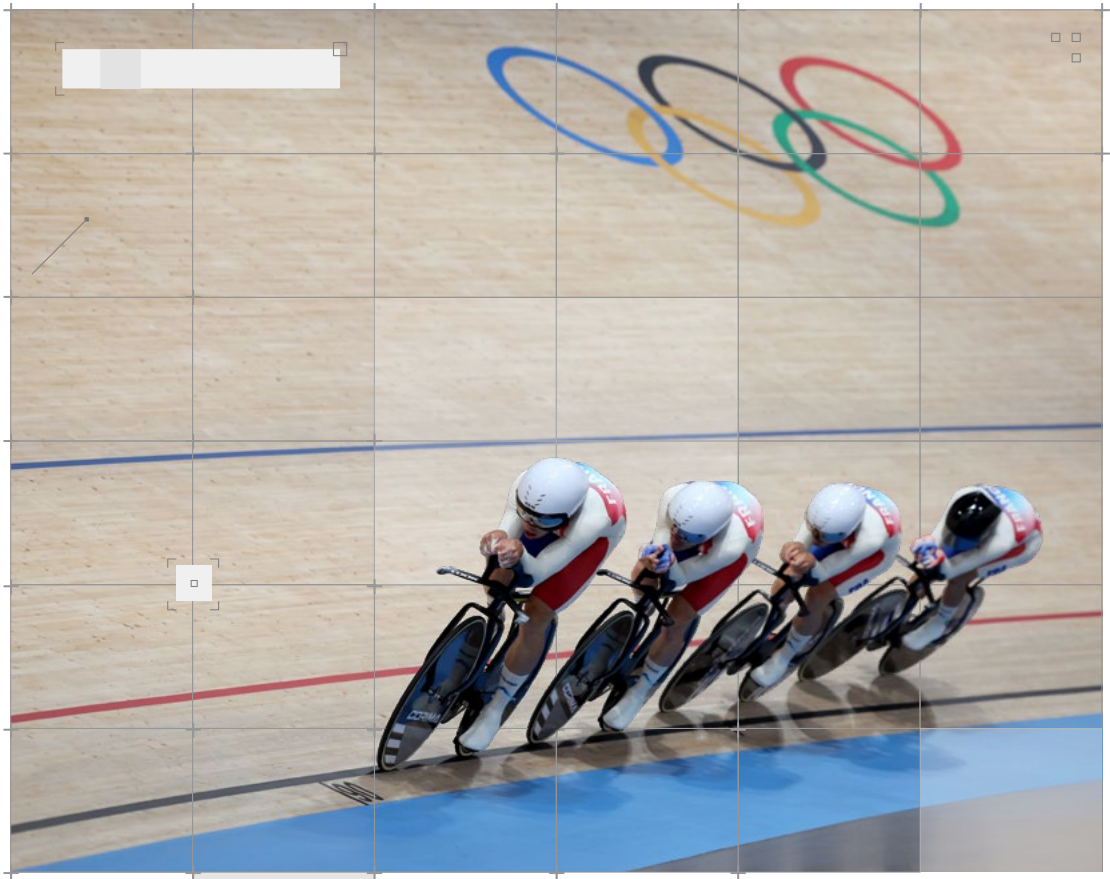

1. PRIORITISE SAFE AND SECURE AI FOR SPORT

AI systems and applications must be designed and operated securely in order to protect the physical health, mental well-being and data security of athletes, officials, fans and others across the Olympic Movement; and to ensure the integrity of competitions, operations, organisations and sport's commercial ecosystem.

Prioritising safety and security is fundamental to unlocking AI's full potential. Embedding robust security into AI systems and applications would help to sustain public trust, fostering a responsible environment in which new technologies can flourish. In doing so, it would help to enable transformative advances in sporting operations and stakeholder experiences while simultaneously ensuring the integrity of competitions and safeguarding the reputation of the Olympic Movement.

Key ambitions:

- **Design secure AI systems**
  Ensure that custom-designed and externally-provided AI systems have appropriate security controls, user authentication and protections against unauthorised access.
- **Conduct regular security reviews**
  Evaluate AI systems, supplier security documentation, audit reports and incident disclosures regularly to identify current and potential future vulnerabilities.
- **Assess AI's potential to cause physical or mental harm**
  Consider carefully if AI supported decisions or recommendations could negatively affect users welfare, mental health, safety or well being – especially if they are incorrect, misused or misunderstood.
- **Comply with relevant security standards**
  Ensure the use of AI systems aligns with recognised cybersecurity and information security standards that apply in the organisation's jurisdiction or sector.
- **Perform comprehensive cybersecurity assessments**
  Analyse how an organisation's AI systems interact with its existing IT infrastructure, data flows and external services in order to identify risks related to data breaches, system failure and/or malicious interference.

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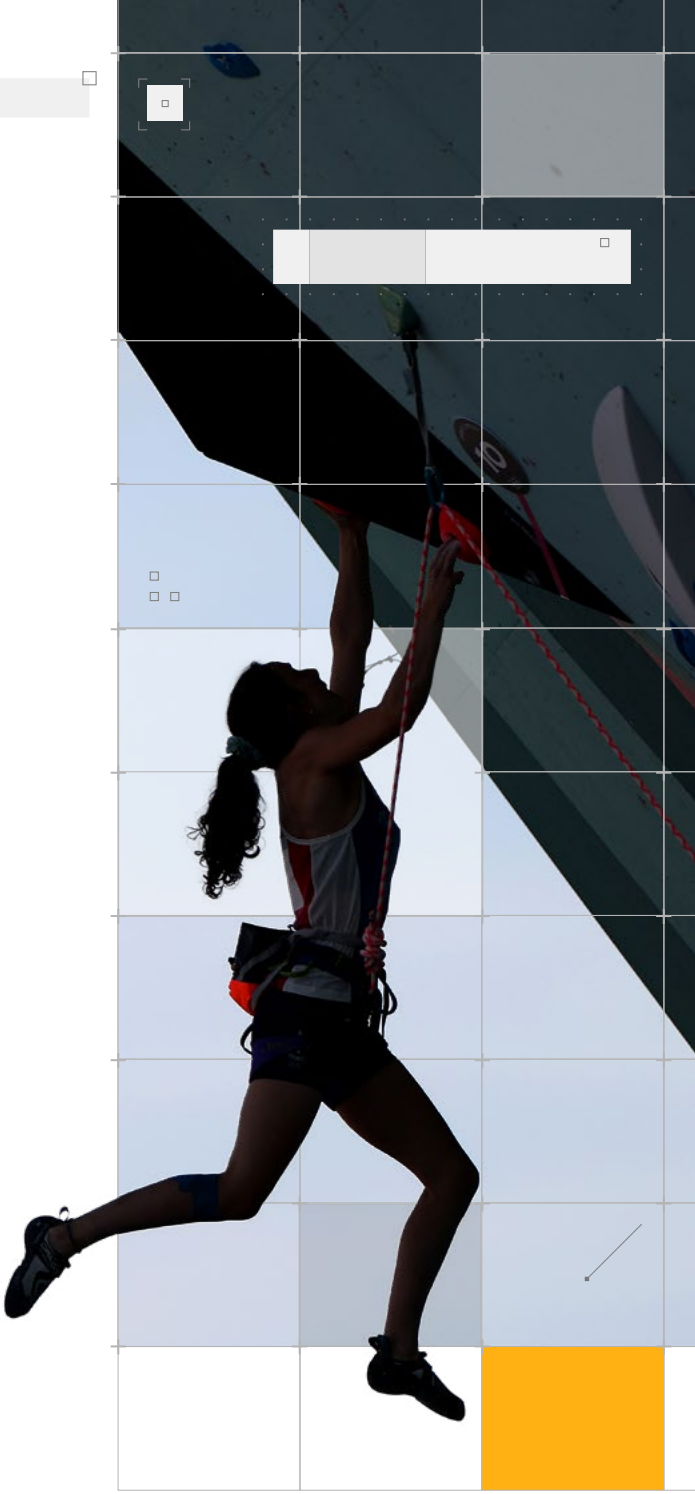
2. PROTECT PERSONAL DATA WITH RESPECT AND CARE

The collection and handling of data by AI systems and applications must respect the privacy rights of all concerned. Such data must be used and stored responsibly – used only for its intended purpose, and stored only for as long as necessary.

Individuals and organisations must trust AI if the Olympic Movement is to adopt the technology and scale it widely. Strong privacy guardrails are critical to protecting personal information, upholding users' rights to privacy, and preserving trust among athletes, officials, administrators and fans. Adherence to international privacy laws is similarly essential to maintaining operational stability, protecting users and creating secure foundations for innovation.

Key ambitions:

- **Establish clear policies for the use and retention of personal data**
  Define clearly what types of personal data may be used by AI systems, for what purposes, for how long it may be retained – and when it should be anonymised or deleted.
- **Collect only the minimum necessary personal data**
  Avoid the collection and use by AI systems of personal and/or sensitive data that is not required for the system to deliver its intended results.
- **Ensure transparency with regard to data subjects**
  Tell athletes, officials, staff, volunteers and fans when AI systems have access to their personal data and for what purpose – always using clear and accessible language.
- **Guarantee data subjects' rights**
  Develop processes that allow individuals to access, correct and request deletion of their personal data where required by applicable laws.
- **Consider all relevant global data protection laws and regulations**
  Recognise that AI systems may use data from multiple countries, and consider all applicable privacy requirements.
- **Ensure personal data is collected and processed lawfully**
  Confirm that there is a valid legal basis for the organisation to collect and use personal data in AI systems, including where third party providers are involved.



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3. DELIVER ROBUST AND RELIABLE AI FOR SPORT

AI innovations should be used during competitions to ensure accurate and trustworthy results.

Robust and reliable AI tools that perform consistently and in alignment with their intended purpose are essential for fostering confidence and sustaining trust in AI across the Olympic Movement. They have the potential to deliver a range of improvements across a variety of sporting scenarios while simultaneously providing safeguards against negative impacts to sporting integrity, stakeholder safety and public trust.

Key ambitions:

- **Ensure high quality, representative data is used**
  Check that all data used by AI systems is accurate, up-to-date and sufficiently representative of the populations and scenarios to which it is applied.
- **Implement rigorous testing and validation procedures**
  Test AI systems before and after deployment to identify errors, weaknesses and unintended behaviours, particularly in high impact contexts.
- **Incorporate error handling and recovery mechanisms**
  Define how the organisation should identify and address incorrect, incomplete and/or unexpected AI outputs, including when AI systems should be paused or overridden.
- **Support AI performance with appropriate human oversight**
  Ensure that qualified individuals review or supervise AI outputs if their decisions could affect competition integrity, athlete welfare and/or organisational operations.

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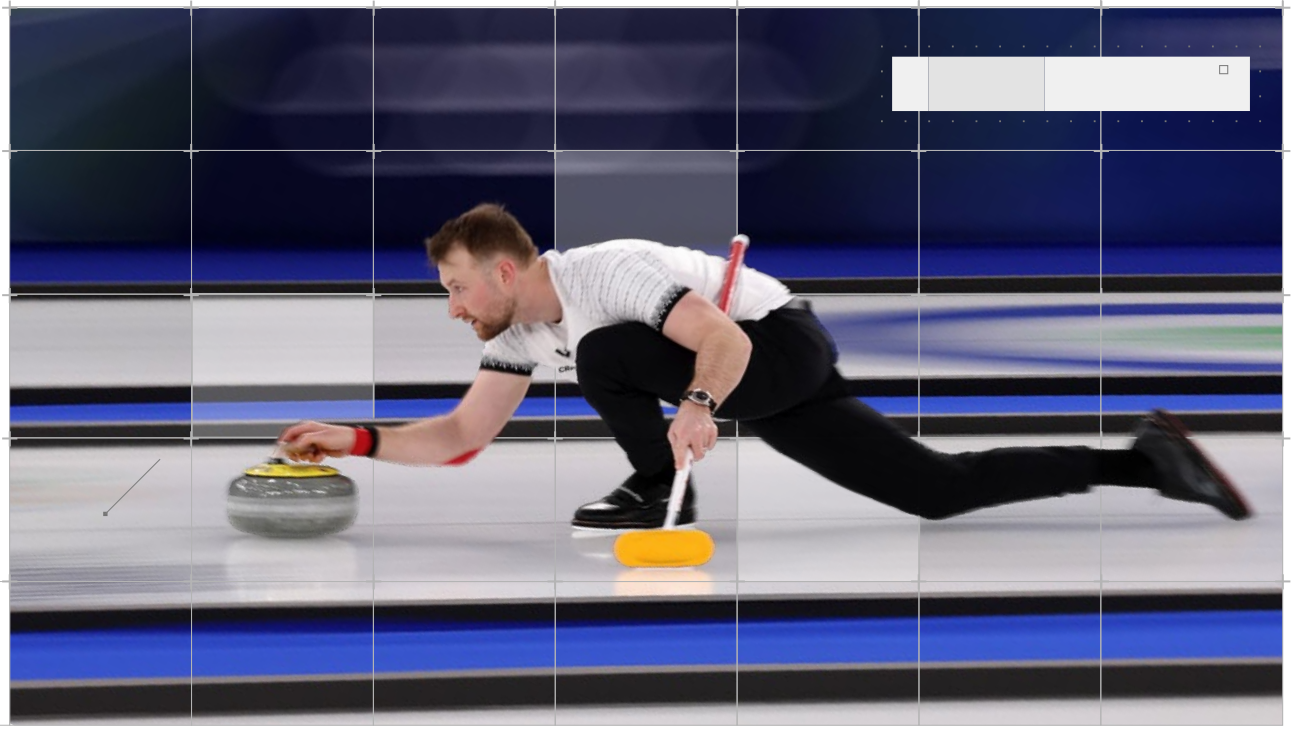
4. MAKE SURE THE USE OF AI IS CLEAR AND TRANSPARENT

Everyone across the Olympic Movement must be aware when they are interacting with AI. They should be able to understand its function and interpret its outputs – preferably through explainable AI technologies, which give users greater insight and trust in their results. The design of AI systems and applications must therefore support an appropriate degree of human oversight.

Transparency and openness are essential to building trust in AI – preventing its potential misuse, fostering its confident adoption and mitigating the risk of negative reactions among athletes, officials, the media and the wider public.

Key ambitions:

- **Make clear where and how AI is used**
  Ensure users are aware when they are interacting with an AI system, such as a chatbot, a decision-support tool or an automated recommendation.
- **Ensure users can understand AI outputs**
  Provide clear explanations, free from technical jargon, that help users interpret AI-generated or AI-supported results and recommendations.
- **Document AI systems and applications**
  Create and publish clear and accessible documentation explaining the purpose, intended use, limitations and governance of AI systems.
- **Provide clear user guidance**
  Publish practical instructions on how to use AI systems appropriately, including information on any known limitations or situations where human judgement remains essential.
- **Implement stakeholder feedback loops**
  Invite athletes, officials, staff, volunteers and other users to ask questions, raise concerns and provide feedback on AI-supported processes and decisions.



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5. GOVERN AI WITH ACCOUNTABILITY AND RESPONSIBILITY

AI must be used responsibly, with clear roles and responsibilities among individuals and organisations to ensure human accountability for its outcomes. It is crucial to establish fully documented processes and policies to promptly address issues and concerns, with clear chains of responsibility to ensure their resolution.

The Olympic Movement must place great importance on accountability regarding the use of AI in order to ensure human values and well-being are seen as priorities. Given stakeholders' differing interests and expectations, it is critical to demonstrate clear ownership both of AI tools and of their outputs. This clarity would foster trust, enabling the confident integration of AI applications and driving further innovation while upholding fairness and integrity. Without such accountability, concerns such as bias, errors and a lack of transparency may undermine the perceived fairness and integrity of competitions, eroding athlete and public trust.

Key ambitions:

- **Define clear roles and responsibilities**
  Identify who is responsible for approving, overseeing and reviewing the use of specific AI systems within the organisation.
- **Establish clear chains of accountability**
  Set out escalation pathways to monitor and resolve errors, unintended impacts, ethical concerns and other issues that may arise from the use of AI systems.
- **Maintain accountability throughout the lifecycle of all AI systems and applications**
  Ensure that organisational responsibility for AI usage continues through the introduction, monitoring, updates and eventual retirement of each AI system.
- **Develop AI incident response and action plans**
  Set out plans as to how the organisation would respond if an AI system malfunctions, causes harm or concern among stakeholders or the wider public.

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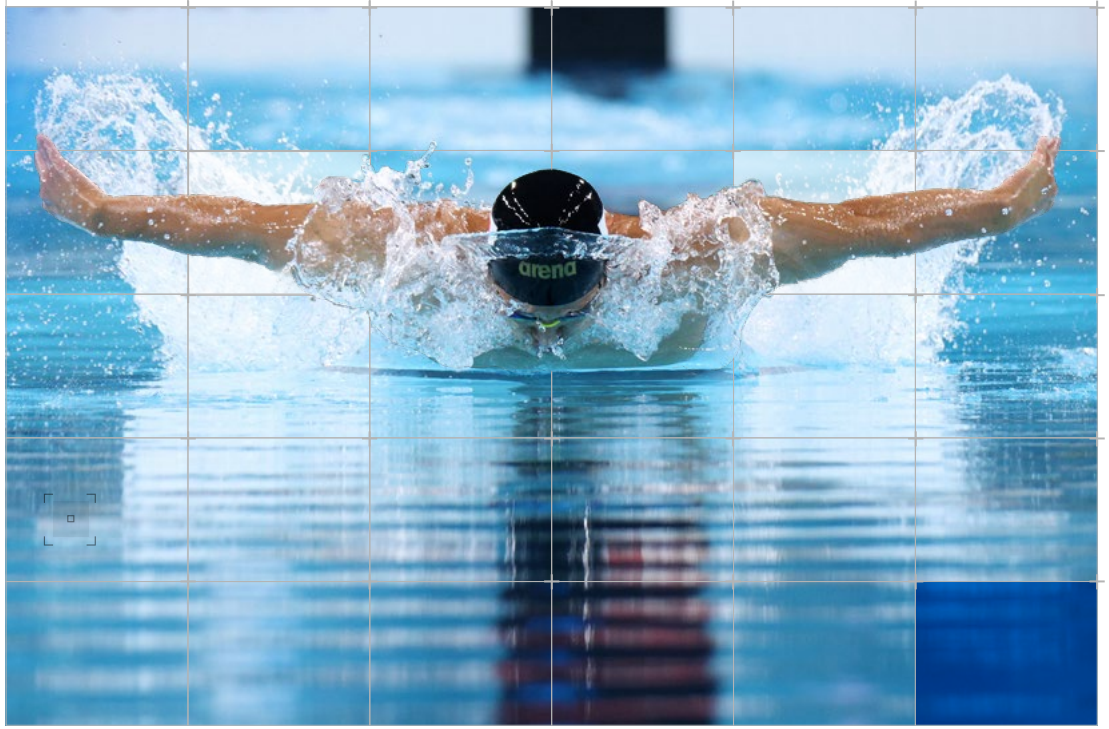

6. ENSURE AI IS FAIR AND EQUITABLE FOR ALL

AI systems and applications should be designed, developed, adapted and used responsibly, ensuring that the pursuit of competitive advantage does not compromise the fundamental principles of fair play and human dignity. The IOC is committed to leading by example – ensuring that its own use of AI meets the highest standards of fairness and inclusivity, and aiming for equitable application for all Olympic stakeholders.

As sport adapts to AI-informed processes and procedures, it is vital that the Olympic Movement continues to embody its ideals of universality, solidarity and fair play. Data sets and algorithms must be assessed to avoid unwanted bias and discrimination, aligning with the Olympic Charter's commitment to inclusivity and respect. Every individual must be treated fairly, and must not be subject to discrimination.

Key ambitions:

- **Use diverse and representative datasets**
  Do not rely on narrow or unbalanced data sets that could place particular certain groups of athletes, officials or other stakeholders at a disadvantage.
- **Implement fairness aware design and usage principles**
  Consider whether AI outputs could systematically favour or disadvantage particular individuals or groups.
- **Regularly test for bias in datasets and AI models**
  Review AI outputs regularly in order to identify any patterns of unfair outcomes or unintended discrimination.
- **Ensure AI differentiation between individuals is fair and justified**
  Make sure that any distinctions made by AI systems are relevant, proportionate and aligned with sporting and ethical values, and are free from discrimination or other unintended negative impacts.

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7. SUPPORT SUSTAINABLE AI FOR THE FUTURE OF SPORT

AI systems and applications should be designed, adapted and used in a socially responsible and sustainable manner – considering their potential impact on people, society and the environment, and aligned to the IOC's vision, values, missions and working principles.

Promoting the sustainable and responsible use of AI would enhance global confidence both in sport and in the Olympic Movement. It would reinforce and protect the Olympic values for future generations, while also mitigating risks linked to environmental harm, resource misuse, social inequities and negative media scrutiny.

Key ambitions:

- **Set guidelines for the responsible use of AI**
  Set out both acceptable and unacceptable uses of AI for your organisation, always aligned with organisational values, the Olympic values and the Olympic Charter.
- **Consider environmental standards and impacts, and relevant organisational guidelines**
  Always take into account the energy use, infrastructure demands and overall efficiency of AI enabled services.
- **Evaluate the potential future environmental, social and reputational impacts of AI**
  Consider how AI-supported practices may affect sustainability, trust, public perception and inclusion in the short, medium and long term.

CLARITY AND CONFIDENCE

These seven principles together form a framework that actively encourages innovation within defined ethical boundaries. They are designed to support members of the Olympic Movement in embracing AI's potential, ensuring that every technological step forward has the potential to serve as a step towards a more trusted, equitable and inspiring future for sport.

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THE TRUSTWORTHY AI CHECKLIST

TRANSLATING PRINCIPLES INTO ACTIONS

The Trustworthy AI Principles require a practical mechanism to support their implementation – which is the purpose of the Trustworthy AI Checklist.

The Trustworthy AI Checklist is designed to translate the high-level Trustworthy AI Principles into actions. Developed by the IOC with the support of Worldwide Olympic Partner Deloitte for the wider Olympic Movement, this resource has been created to help both individuals and organisations assess their present and potential future use of AI systems and applications through a three-step process – as set out below:

STEP 1.
EVALUATE RISK

The Trustworthy AI Checklist tool first presents users with a risk assessment questionnaire, which is designed help them to gauge some of the risks inherent to different AI ideas, systems or applications before applying specific controls.

Organisations would first use the Checklist tool to complete an Inherent Risk Assessment – answering a series of high-level, multiple-choice questions to define the profile of a particular AI system or application, covering its objectives, its delivery method, its deployment and its ultimate usage patterns. These questions consider some potential negative impacts of the AI system or application in question, including the possibility of physical or psychological harm, concerns regarding rights and the handling of sensitive data, and potential implications for critical operations.

Users' answers to these initial questions prompt the Checklist tool to suggest an inherent risk rating of low, moderate or high, providing immediate guidance on the levels of time, resources and scrutiny that the AI initiative under assessment may require.

It is important to note that a "high" inherent risk rating should not necessarily rule out the use of the AI system or application in question – many athlete-focused uses could be considered high-risk due to the sensitive nature of personal data. Rather, a "high" risk rating signals the need for rigorous controls, deep scrutiny and – potentially – a more extensive mitigation strategy to ensure the AI system or application in question can be developed and deployed responsibly.

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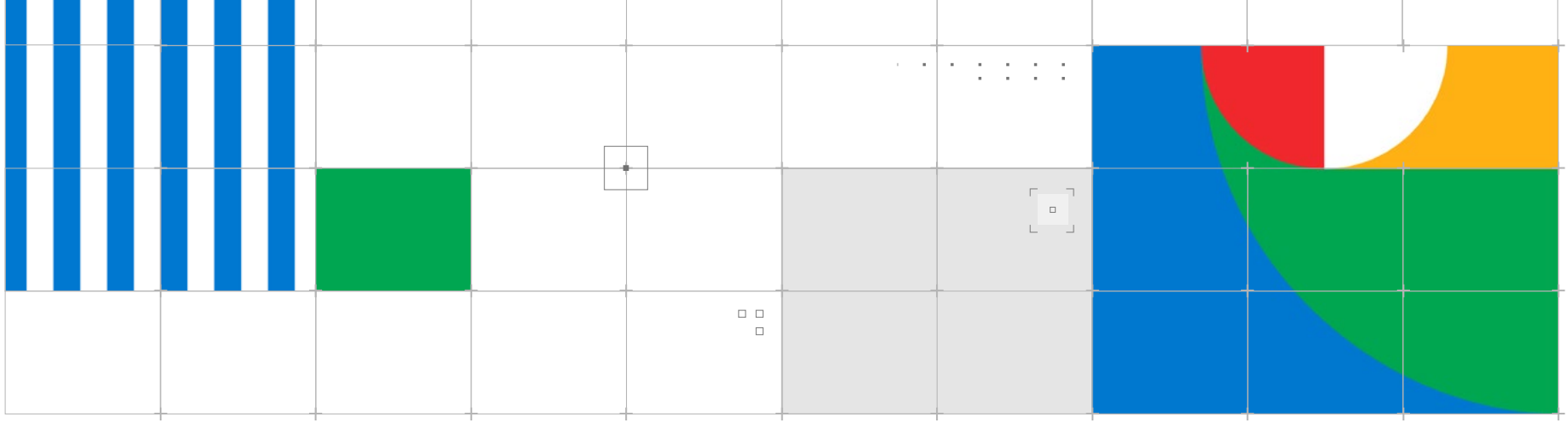

STEP 2.
EMBED TRUST

The second step in the Checklist tool focuses on managing risk by applying the seven Trustworthy AI Principles set out on the previous pages.

After completing the Initial Risk Assessment, organisations would then use the Checklist tool to answer around 70 multiple-choice questions in seven sections inspired by each of the seven principles, exploring current and future measures and controls designed to uphold each principle.

Users' answers provide the automated Checklist tool with a granular view of how well the seven principles are embedded within the AI system or application under assessment – which in turn leads the tool to suggest a series of automatically generated ratings. The more effectively the seven principles are integrated, the higher the rating would be for each of the Checklist's seven sections. Conversely, if the answers suggest that an AI system or application has not sufficiently integrated the Trustworthy AI Principles, the Checklist would deliver a lower rating.

STEP 3.
ENHANCE WITH RECOMMENDATIONS

The final step suggests a series of recommendations designed to support users to pursue high standards of trustworthiness and integrity when developing or using a specific AI system or application.

When a user has completed all the multiple-choice questions, the Checklist tool delivers a series of automatically generated recommendations for the future development and/or use of the AI system or application under assessment. These recommendations come in four parts:

- A top-line recommendation for each section of the Checklist.
- Concise action points for specific areas of the AI system or application.
- Links to relevant resources, including guidelines, frameworks and best practices.
- Suggestions for current and potential future collaborators, both internal and external.

The Trustworthy AI Checklist has been created to help Olympic Movement organisations use AI responsibly, with the ultimate aim of ensuring that their use of specific AI systems and applications aspires to and meets the high standards set out in the Trustworthy AI Principles. The guidance it contains is designed to foster the trustworthy development and deployment of new technologies among organisations with responsibility for their own use of AI – aligned with the vision for the future of sport and the Olympic Movement.

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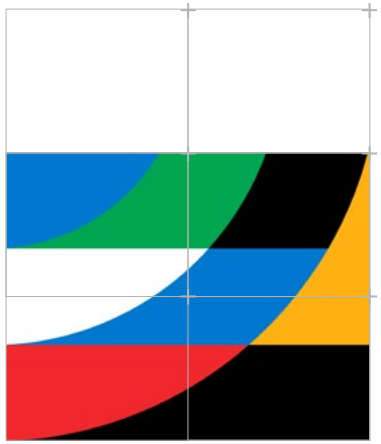
GOVERNANCE AND OVERSIGHT

Trustworthy governance and human oversight are of paramount importance when it comes to maximising the potential benefits of AI to sport.

Oversight and strong governance will be essential for implementing the Trustworthy AI Framework, monitoring its application and continuously improving innovation in alignment with the seven Trustworthy AI Principles. Effective governance depends on distributed responsibility and human oversight at every level where AI is deployed.



The Role of the IOC

The Trustworthy AI Framework provides organisations with guidance regarding their use of new and future AI technologies. However, the ultimate responsibility and accountability for the safe and ethical deployment of AI will rest with the Olympic Movement organisations that are directly developing, procuring or utilising these AI systems and applications. This will ensure that those closest to the AI applications, and therefore best positioned to understand their specific contexts, benefits and potential negative impacts, are able to govern their use effectively – which is of paramount importance given the speed at which AI technologies are expanding and evolving.

Key mechanisms and structures for ensuring continuous trust include:

- **Clear roles and responsibilities**
  Each Olympic Movement stakeholder using AI systems and applications should establish clear internal roles and responsibilities for AI governance – including human oversight at appropriate stages of the AI lifecycle, from design and development to deployment and monitoring.
- **Proactive risk management**
  The Trustworthy AI Framework provides a structured approach to proactive risk identification, assessment and mitigation. It should provide Olympic Movement stakeholders with the necessary understanding to navigate complex challenges and leverage AI's full potential, while also support them to identify and quickly address any emerging risks.
- **Framework implementation and monitoring**
  The Trustworthy AI Checklist is designed to support self-assessment and internal monitoring. Olympic Movement stakeholders should regularly evaluate their AI initiatives against the seven Trustworthy AI Principles, using the Checklist to identify areas of strength and areas requiring improvement. The IOC will facilitate the sharing of best practices, fostering a collaborative environment for continuous learning.

The Trustworthy AI Framework will undergo periodic reviews and updates, informed by feedback from Olympic Movement stakeholders, insights from leading AI experts and changes in global AI governance. This commitment to continuous evolution will ensure that the Framework remains relevant, robust and effective in safeguarding trustworthiness during a period of rapid change.

The IOC aims to cultivate a culture of responsible innovation through this model of distributed responsibility, robust human oversight and continuous adaptation. This approach aims to ensure that the Olympic Movement remains agile and forward-thinking, leveraging AI's potential while steadfastly upholding the Olympic values and the wider integrity of sport.

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PARTNERING FOR A TRUSTWORTHY FUTURE

The IOC Trustworthy AI Framework is designed to unlock future AI innovation for the entire Olympic Movement. It aims to provide the clarity, confidence and common language needed to navigate the complex AI landscape, ensuring that every technological advance serves to enhance sport while upholding the Olympic values.

The active engagement and collaboration of all members of the Olympic Movement are vital to the success of this Framework. The document serves as an invitation to embed the Trustworthy AI Principles and Checklist into organisations' AI strategies, allowing the entire Olympic Movement to contribute to a collective future where AI is a force for good in sport.

By working together in this way, the Olympic Movement can harness AI's transformative power to promote universality, strengthen solidarity and support sports development for athletes, officials, fans, partners and others around the world.

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Agentic AI

AI systems that can act autonomously to perform tasks or make decisions, often without constant human input.

Algorithm

A set of rules or instructions that an AI system follows to process data and produce results.

Artificial Intelligence (AI)

Technology that enables machines to perform tasks that normally require human intelligence, such as understanding data, making decisions and solving problems.

AI application / AI system

A tool or software that uses AI to perform a specific function, such as analysis, recommendation or automation.

AI model

A mathematical system trained on data that enables an AI application to make predictions or decisions, or generate outputs.

Bias (AI bias)

Unintended or unfair preferences in AI results, often caused by unbalanced data or design.

Dataset

A collection of data used for training, testing or running AI systems.

Explainable AI / explainability

The ability to clearly explain how an AI system produces its results.

Generative AI

A type of AI that creates new content, such as text, images or simulations, based on existing data.

Personal data

Any information that can identify an individual, such as their name, contact details or performance data.

Robustness

The ability of an AI system to perform reliably under different conditions.

Training data

The data used to teach an AI model how to perform its task.

Transparency (AI transparency)

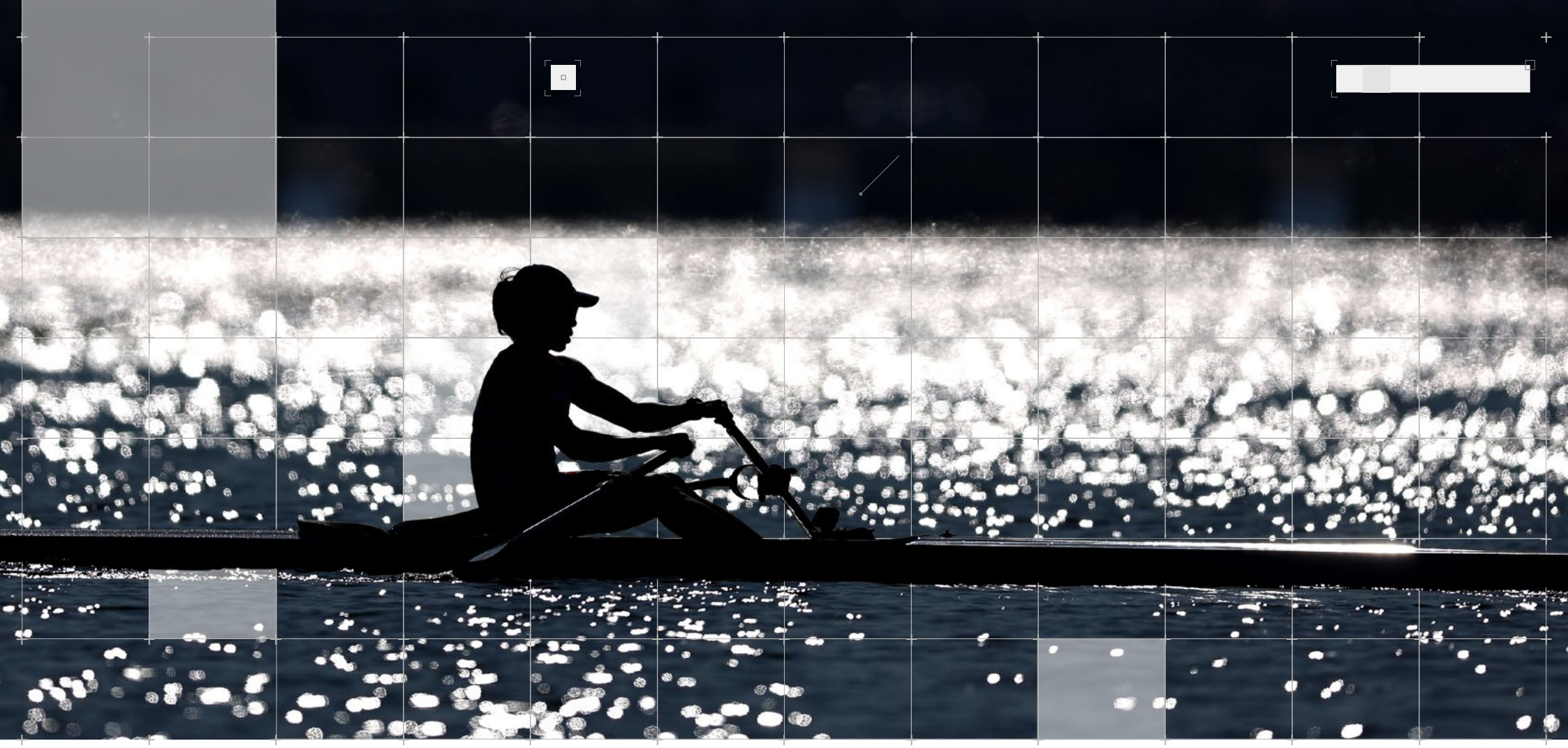
Ensuring that users understand when AI is being used and can interpret its outputs.

Trustworthy AI

AI that is safe, secure, fair, transparent and used responsibly in line with ethical and legal standards.

Trustworthy AI checklist

A practical tool used to assess risks, apply principles and improve AI systems through structured steps.



Trustworthy AI Framework – Disclaimer

The Trustworthy AI Framework for the Olympic Movement is intended to serve as practical guidance and a framework for promoting ethical and responsible AI development and deployment within the Olympic Movement's ecosystem. It is not, and should not be construed as, a legal document or a substitute for legal advice.

Users are strongly advised to consult with legal professionals and ensure full compliance with all applicable local, national and international laws, regulations and ethical standards relevant to their specific AI initiatives and jurisdictions. Adherence to this guidance does not guarantee legal compliance, and users bear sole responsibility for ensuring their activities meet all statutory and regulatory requirements.

Regardless of local regulatory requirements, which vary across countries, this Framework is grounded in internationally recognised best practices. All organisations are expected to design and use AI systems responsibly and to the highest standards in order to mitigate legal, ethical and operational risks. The IOC and its affiliated entities shall not be held liable for any direct, indirect, incidental, consequential or special damages arising out of or in any way connected with the use or inability to use this guidance, or for any errors or omissions in its content.

Olympic™ AI

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