

AERCAP



**ENVIRONMENTAL,
SOCIAL &
GOVERNANCE
REPORT**

FOR THE YEAR 2022

CONTENTS

01 Overview

A Message from our ESG Committee Chair	3
CEO Message	4
About AerCap	5
ESG Highlights for 2022	6
Our Approach to ESG Risk Factors	7
Aligning Our Actions with the UN's Sustainable Development Goals	10

02 Care for Our Environment

Understanding Aviation's Environmental Impact	12
Industry Efforts	13
AerCap's Role in the Decarbonization of Aviation	14
Fleet Transformation Strategy	16
Circular Economy and Aviation	19
Efficient AerCap Office Operations	20
Offsetting our Unavoidable Emissions	21
Carbon Emissions Disclosures	22

03 Corporate Citizenship

Understanding Aviation's Contribution to Society	24
Supporting Local Community and Education	25
Diversity and Inclusion	26
Our Employees	27
Health and Safety	30
CSR Outreach at AerCap	31

04 World Class Governance

Governance at AerCap	37
AerCap Board of Directors	38
ESG Governance Structure	42
Ethics and Compliance	43
Privacy and Data Protection	47
Information Security	48
Risk Management	49
Transparent Tax Policies	50

05 Reporting Approach

Evaluation of Our Approach	52
Stakeholder Engagement	53
Significant Issues	56
GRI Content Index	57
Supplemental Information	69

Reporting Period

- This report covers the 2022 financial year, from January 1, 2022, to December 31, 2022

Reporting Scope

- Information in this report covers AerCap Holdings N.V. and all of our consolidated subsidiaries (which are listed in Exhibit 8.1 of our 20-F), unless specified otherwise

Reporting Process

- We follow the recommended reporting principle of stakeholder inclusiveness, sustainability context, significance and completeness

Feedback

- We value our stakeholders' input and welcome feedback on this report or any aspect of our ESG approach

Contacts

Investors

Joseph McGinley
Head of Investor Relations
jmcginley@aercap.com

Media

Gillian Culhane
VP, Corporate Communications
gculhane@aercap.com

A MESSAGE FROM OUR ESG COMMITTEE CHAIR

Dear Stakeholders,

It is my pleasure to introduce AerCap's sixth annual ESG Report, for the year 2022. Reflecting on the first year of operation for our ESG board committee, I am delighted with the progress we have made to date and look forward to continuing our work in the year ahead.

Key focus areas this year included the development of new ESG regulations in Europe and the U.S., the final integration of systems from the GECAS acquisition, and the challenges created by the conflict in Ukraine. Our cross-departmental teams worked well together, in a transparent and efficient way.

As the leading aviation lessor, AerCap aims to promote the sustainable growth of our industry, capitalizing on business opportunities created by change, and protecting ourselves from threats and risks that may arise through that journey.

Aviation has many significant benefits for society. It is critical to economic development, furthering international relationships, equality between regions and cross-border trade in goods. This was underlined during the Covid-19 pandemic through aviation's role in delivering vital medical solutions and vaccines, and through its absence during government-mandated travel restrictions. Despite these meaningful contributions, the industry faces growing scrutiny, in particular around carbon emissions.

See Supplemental Information – Endnotes.

For context, the aviation industry produces around 2.5% of the world's greenhouse gas emissions from human activities, a proportion that is likely to rise in coming years due to the growth of aviation and the reduction of emissions in other industries where emissions are easier to abate, such as the automotive industry. It is therefore important that we take actions to mitigate this impact, both today and in the future.¹

Beyond the area of climate change, AerCap's ESG goals include our ongoing commitment to best-in-class governance, operations and corporate values. AerCap aims to continue to attract and develop the best talent in the industry and to leverage this human capital to deliver sustainable returns for stakeholders. Beyond its immediate stakeholders, AerCap aims to make a positive contribution to society more broadly, as befits our position as market leader.

Over the course of 2022, the ESG Committee met six times to discuss and further develop AerCap's ESG strategy. It is imperative, in our view, that sustainability not be viewed in isolation, but rather as an integral part of our company's strategy. We also believe it is important to focus on those actions where AerCap can have the highest potential impact, as well as on the key risks and opportunities for our company. In certain areas, AerCap can have an immediate impact, while other areas remain at a conceptual stage. For the latter, it is key that we engage, understand and shape the initiatives

where relevant – using our unmatched market intelligence.

In some cases, this means supporting our partners in the design of new initiatives, and, if appropriate, using our industry-leading platform and balance sheet to help them become a success. We outline the progress AerCap has made in relation to many of these initiatives in the pages ahead.

As we look to 2023, our approach will be to *act where we have control, to lead where we have influence and to prepare for what's ahead*. I am confident that we have the appropriate team and governance structures in place to continue to lead our industry towards a more sustainable future.

Stacey Cartwright, ESG Committee Chair



CEO MESSAGE



Aengus Kelly, AerCap CEO

2022 was a monumental year for AerCap as we successfully integrated GECAS to create an unrivalled leader in aviation. This process highlighted the strength of the AerCap team; what could have been a distraction was instead a motivation and our team completed a record number of transactions in 2022, never standing still and continuing to lead and shape the aviation industry as we have done for more than 50 years.

AerCap takes the “leading-edge” approach to fleet transformation, which is to utilize the best possible avenue within your industry. In our case, this means investing in the most fuel-efficient new technology aircraft. Since 2014, we have invested ~\$45 billion in these aircraft, more than any other airline or lessor. In 2022 alone, we took delivery of 72 new technology aircraft. With an installed base of aircraft with ~300 customers, we have a unique ability to influence fleet decisions and aid our customers’ decarbonisation efforts. Many airlines lack the financing or delivery slots to enable their transition, so lessors like AerCap must play a key role.¹

We strive to take a leadership role in shaping the actions of the industry to promote sustainable behaviours. In October, AerCap became a signatory to Aircraft Leasing Ireland’s inaugural Sustainability Charter, which sets out ten key ESG and climate-related principles for the aviation industry. Aviation is a hard-to-abate sector, and the industry will only achieve its decarbonization goals if the key players work together to make progress.

On the social side, we are also beginning to make positive strides to address the historical underrepresentation of women in our industry. In AerCap, 47% of our new hires in 2022 were women, both in Ireland and globally. I have no doubt that many of those women joining us at early or mid-career will have the opportunity to progress into leadership positions within the organization.

In 2022, we launched our Diversity, Equity, Inclusion and Belonging (“DEIB”) framework, and I expect to see an increased focus on DEIB as we gather feedback from our employees and finalize an action plan.

Our employees’ commitment to giving back to their communities is something I have always been extremely proud of. In 2022, AerCap, together with our employees, donated over \$800,000 to charities and partnerships, with key themes including the Prevention of Violence Against Women and Mental Health and Suicide Prevention.

As I look forward into 2023, I am optimistic for what is to come, both for AerCap and for the aviation industry more broadly. We have persevered through many challenges over the last three years by thinking long-term and acting as a partner to our customers, lenders, shareholders and employees. As air traffic demand normalizes, we must continue to be focused and vigilant, and endeavor to continue to operate in an ethical and sustainable way to support the long-term success of our company.

To all our stakeholders, thank you for your ongoing support of AerCap and our sustainability efforts. As always, we welcome your feedback and suggestions as we continue to drive aviation to reach new heights and perform at its best.

See Supplemental Information – Endnotes.

ABOUT AERCAP



UNRIVALED LEADER IN AVIATION

With total lease assets of ~\$60 billion, and a fleet of ~1,800 aircraft, >900 engines and >300 helicopters; our unmatched team of aviation experts are leading and shaping the leasing industry¹



GLOBALLY DIVERSE REACH

We are a strategic partner to the Original Equipment Manufacturers (“OEMs”) and customers globally; AerCap has ~300 active airline customer relationships in over 80 countries and has taken delivery of more aircraft than any other airline or lessor



TRANSITIONING TO A GREENER FLEET

We are at the forefront of the transition to new technology, having invested ~\$45 billion in new technology aircraft since 2015 lowering the operating costs and carbon emissions of our airline customers²



ATTRACTIVE ORDER BOOK

Our order book of >430 aircraft comprises exclusively new technology aircraft, over 90% of which are narrowbodies - the aircraft airlines are building their future fleets around



HIGH CALIBER TEAM

With 50 years of experience dating back to the founding of the aircraft leasing industry, AerCap has an unrivalled level of expertise; our commitment to the development of our employees is a key tenet of our success

See Supplemental Information – Endnotes.

ESG HIGHLIGHTS FOR 2022



ENHANCED ESG GOVERNANCE

In 2022, our Board-level ESG Committee met six times. The committee redefined and redeveloped AerCap's ESG strategy, which is aligned with and derived from AerCap's corporate strategy; ESG factors are a key consideration in the Board and management's decision-making process



GOVERNMENT AFFAIRS FUNCTION ESTABLISHED

Dedicated government affairs function based in Brussels, focused on legislative developments and strategic matters emerging from Europe and beyond, focusing on aircraft leasing, air transport, aviation sustainability and ESG



75% NEW TECHNOLOGY AIRCRAFT IN 2024¹

With a fleet of ~66% new technology aircraft, we continue to make progress towards our fleet transformation target, which we believe will drive a continuing reduction in fuel costs and CO₂ emissions for our airline customers going forward



MORE DETAILED EMISSIONS DISCLOSURES

AerCap was among the first lessors to disclose its fleet emissions; we are the only lessor to have published historic fleet emissions data back to 2015



DIVERSITY AND EQUALITY OF OPPORTUNITY

Our commitment to promote gender diversity was further enhanced in 2022 with the launch of AerCap's DEIB program; this included an initial employee survey and a plan of action will be finalized based on the survey's feedback

AERCAP CONTINUES TO MAKE PROGRESS ON KEY ENVIRONMENTAL, SUSTAINABILITY AND GOVERNANCE MATTERS

See Supplemental Information – Endnotes.

OUR APPROACH TO ESG RISK FACTORS - ENVIRONMENTAL

KEY RISKS

Physical Risks

- The occurrence of severe weather events or natural disasters may impact demand for air travel or make airlines unable to operate from certain regions, and the frequency or severity of these types of events may worsen as a result of climate change
- However, due to the mobile nature of our assets and our ability to work effectively from various locations, we consider direct physical risks to AerCap to be limited

Transition Risks

- Environmental regulations and the general public's increasing interest in less carbon-intensive travel methods will likely lead to airlines favoring aircraft with lower emissions and airlines may choose to exit older technology assets more quickly.
- This may affect lease rates on our older technology aircraft and also poses a risk to their residual values

OPPORTUNITIES AND RISK MITIGATION STRATEGIES

- AerCap's fleet reached ~66% new technology at the end of 2022 and our order book consists of 100% new technology aircraft, underpinning our fleet transition strategy towards ~75% new technology in 2024¹
- We sold 120 older technology aircraft in 2022, with an average age of 17 years, improving the risk profile of our portfolio
- AerCap supports our customers' fleet renewal plans. Eighty of our airline customers now lease new technology aircraft, an increase of ~7% from 2021
- As a lessor of scale, with an installed base of aircraft with ~300 customers, we are frequently asked to partner with the aircraft OEMs on major campaigns for new technology aircraft
- Through AerCap Cargo, we recycle older aircraft by placing them into cargo conversion programs, helping our cargo customers to reduce emissions and increase payload on their portfolios of freighters
- Through AerCap Materials, we efficiently retire aircraft, with strict processes around adherence to environmental and safety protocols
- We are engaged with our OEM partners, airlines and other industry players in discussions regarding the design and commercialization of the next generation of aircraft
- We are working to develop further understanding of the investment case for alternative fuels such as SAF and hydrogen
- We are actively engaging on regulatory developments in this area

See Supplemental Information – Endnotes.

OUR APPROACH TO ESG RISK FACTORS - SOCIAL

KEY RISKS

Internal Risks

- Aircraft leasing is a competitive and niche industry and our business relies heavily on human capital and our ability to attract and retain the best talent in the industry directly impacts our long-term success
- Our stance and actions, either as a company or by our employees individually, directly convey our values

Downstream Risks

- Increased public scrutiny over social aspects of airlines' behaviour may lead to disruptions to airline schedules or impair airlines' ability to operate at full capacity and efficiency, thereby affecting their ability to meet their lease obligations

Upstream Risks

- Social issues adversely affecting the ability of our suppliers, the OEMs, to meet their delivery obligations may impact our financial performance and pose potential reputational risks

OPPORTUNITIES AND RISK MITIGATION STRATEGIES

- We want the top minds in aviation leasing to join us and we are focused on building a diverse talent pipeline, both internally through our continuous professional development programs, and externally through our sponsorship of educational programs and partnerships with other industry players
- AerCap provides air mobility to airlines in emerging markets, which made up ~53% of our lease revenue in 2022, allowing countries to develop economic links which support their development and economic growth
- In 2022, we launched our DEIB framework. We are currently engaging with staff to solicit views on the areas for initial focus which will form the backbone of our engagement strategy
- AerCap offers attractive packages to our employees, including competitive salaries, performance-based bonuses and employee share schemes, as well as comprehensive health and dental coverage and a wide selection of wellness initiatives promoted throughout the year
- We partner with charities in our local communities and with our airline customers and the OEMs on charitable and social initiatives. AerCap offers to match funds raised by employees for charitable causes (subject to certain limits)

OUR APPROACH TO ESG RISK FACTORS - GOVERNANCE

KEY RISKS

- Public ESG and sustainability reporting is becoming more broadly expected by lenders, investors, shareholders and other stakeholders
- Aircraft leasing requires both financial and industrial expertise, so it is important to have the correct mix of expertise on the Board of Directors
- Having operations, assets and customers in many different parts of the world requires internationally diverse expertise
- Regulation of aircraft and engine noise and emissions levels are increasingly being adopted and can apply based on where the aircraft is registered or where the aircraft is operated
- Due to growing concerns over the risks of climate change, many jurisdictions are moving towards imposing more stringent limits on greenhouse gas emissions from aircraft engines
- Given aviation is a hard to abate sector, there is a heightened risk of being accused of greenwashing
- Information technology security threats are emerging with growing complexities
- Following the implementation of the General Data Protection Regulation ("GDPR") in the EU, the mishandling of personal data can result in significant financial and reputational damage to the company

OPPORTUNITIES AND RISK MITIGATION STRATEGIES

- Our Board of Directors is a key competitive advantage for AerCap, and provides a wealth of knowledge and experience, with deep industrial and financial expertise, as well as diversity of gender and nationality
- We strive to conduct our business with integrity and in an honest and responsible manner and to build relationships with our customers, our suppliers, shareholders, employees and other stakeholders
- Governance of ESG-related risks and opportunities was further enhanced with the establishment of a Board-level ESG Committee in December 2021
- Our Government Affairs function was established in 2022; based in Brussels, it is focused on legislative developments and strategic matters emerging from Europe and beyond, helping AerCap to fully understand the emerging regulatory landscape and make its voice heard
- Our Code of Conduct outlines the high standards and business principles expected from all employees and business partners
- No material/reported compliance breaches or major lawsuits against AerCap in 2022
- Top-class IT systems; no major employee, company or customer data privacy breaches in 2022
- Transparency: AerCap has published an annual ESG Report since 2018 and each year we strive to improve the report to promote transparency, reduce the risk of greenwashing accusations and confirm that the disclosures provided are relevant and focused on what matters most to our stakeholders

ALIGNING OUR ACTIONS WITH THE UN'S SDGS

AerCap is committed to supporting the Sustainable Development Goals ("SDGs") of the United Nations ("UN") through our strategy and our actions



- AerCap offers a range of health and wellbeing programs for our employees, including comprehensive medical and dental insurance, 24/7 access to counselling, flexible working arrangements, fitness classes, wellness talks, onsite health assessments, as well as a variety of social clubs such as tag rugby, golf and cycling
- The health and safety of our employees while at work is of the utmost importance and we are committed to maintaining an environment where employees feel safe and are treated with mutual dignity and respect
- Each year, AerCap employees vote for charitable and social themes to support. Mental Health and Suicide Prevention Support Services was one of the chosen themes in 2022 and AerCap was proud to support and make donations to numerous charities focused on this area including Pieta House, Movember, Aware and Grow



- AerCap supports the next generation of aviation industry professionals through a variety of educational programs, details of which can be found further on in this report
- AerCap has a partnership with Concern Worldwide on the CHANGE program in Ethiopia. The program aims to support marginalized girls achieve better literacy and numeracy skills and provides seed money to develop sustainable livelihoods
- AerCap has collaborated with the Museum of Literature Ireland in launching "MoLI in the Classroom", a free-to-access, interactive online workshop for primary school students in Ireland



- AerCap is an equal opportunities employer and we recruit, employ and promote employees based on qualifications and performance
- 44% of our employees, 25% of our senior management and 27% of our Board are women
- AerCap will continue to support the development of the next generation of female talent through a number of educational and industry-led initiatives; more details are available further on in this report
- Launched our diversity, equity, inclusion and belonging framework in 2022
- We published our Gender Pay Gap Report for 2022 which is available to view on our website
- Domestic Abuse and the Prevention of Violence Against Women was one of the charitable themes selected by AerCap employees in 2022. Through various initiatives, AerCap and our employees raised vital funds for a number of organizations that are impacting change in this area



- Our employees are one of our most important assets and we seek to hire, reward and retain the best talent in the industry
- AerCap offers competitive remuneration packages including base salaries, performance-based bonuses, employee share schemes, retirement savings plans and generous benefits
- We are committed to training and developing our employees so they have the opportunity to grow and develop
- AerCap has zero tolerance for human rights violations including, but not limited to, modern day slavery, forced labour, child labor or human trafficking



- AerCap provides air mobility to airlines in emerging markets, which made up ~53% of our lease revenue in 2022, allowing countries to develop economic links which support their development and economic growth
- Through our partnership with Airlink, a global humanitarian organization, AerCap and our employees helped raise vital funds to support the humanitarian crisis in Ukraine caused by the war, and the relief effort following the devastating flooding in Pakistan



- As the largest aviation lessor in the world, we endeavour to lead the industry towards a lower carbon economy; we have invested ~\$45bn in new technology aircraft since 2014 and our fleet comprises 66% new technology aircraft by net book value ("NBV"). These aircraft are significantly more fuel efficient than the generation of aircraft they are replacing, lowering the carbon emissions of our customers, as well as reducing noise and NOx emissions
- Our order book comprises 100% new technology aircraft, the most fuel efficient aircraft available
- We have a target of transitioning our fleet to 75% new technology by NBV in 2024
- We have a relatively small direct carbon footprint and endeavour to reduce our emissions where possible; we have a partnership with First Climate to offset our unavoidable emissions using verified carbon offsets



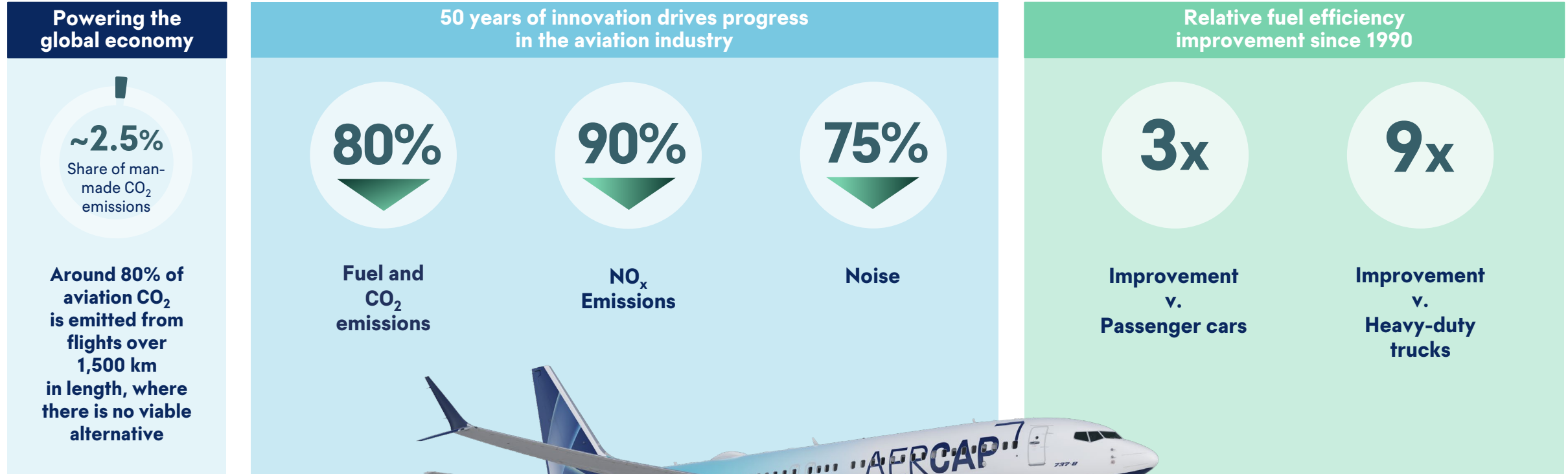
- We strive to conduct our business with integrity and in an honest and responsible manner
- AerCap has a zero-tolerance policy for any ethical violations, including but not limited to human rights violations such as modern-day slavery, child labor and human trafficking
- We have various policies and procedures in place designed to facilitate compliance with relevant laws and regulations; details of some of our most important policies can be found on our website and further on in this report

CARE FOR OUR ENVIRONMENT



UNDERSTANDING AVIATION'S ENVIRONMENTAL IMPACT

The aviation industry has played an important role in connecting the world with ever-improving efficiency



ON AVERAGE, NEW GENERATION AIRCRAFT IMPROVE FUEL EFFICIENCY BY ~20%-30% OVER PRIOR MODELS

See Supplemental Information – Endnotes.

INDUSTRY EFFORTS

OVERVIEW

- In October 2021, at the 77th International Air Transport Association (“IATA”) Annual General Meeting, IATA member airlines passed a resolution to commit to Net Zero carbon emissions by 2050
- Achieving Net Zero by 2050 will require a combination of the elimination of emissions at source, offsetting and carbon capture technologies. Sustainable Aviation Fuels (“SAF”) are expected to provide ~65% of emission reductions



Sustainable Aviation Fuel

- SAF is a “drop-in” fuel which, when blended with up to 50% conventional jet fuel, requires no aircraft modifications and is available for use in aircraft and helicopters operating today
- Airbus, Boeing and Embraer have committed to delivering aircraft that are 100% SAF capable by 2030¹
- Challenges include the availability of feedstock or green electricity, cost, sustainability certification, investment and competing demand from other sectors such as road transport

The State of SAF in 2022²

- **>450,000** flights have flown using SAF
- **7** approved technical pathways exist
- **>300 million** liters of SAF were produced in 2022
- SAF can reduce lifecycle emissions by up to **80%** compared to conventional jet fuel
- Forward purchase agreements for **~\$17 billion dollars** of SAF have been signed to date
- More than **50** airlines globally now have experience with SAF

Science-Based Targets

- **9** airlines and **2** OEMs have set science-based targets (“SBT”), **3** of which are Net Zero targets
- Targets are considered “science-based” if they are in line with what the latest climate science deems necessary to meet the goals of the Paris Agreement
- This means limiting global warming to well-below 2°C (above pre-industrial levels) and pursuing efforts to limit warming to 1.5°C
- A further **15** airlines and **1** OEM have committed to setting SBTs and are currently going through the process of submitting their targets for validation; two-thirds of these targets are Net Zero targets³



DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

See Supplemental Information – Endnotes.

AERCAP'S ROLE IN THE DECARBONIZATION OF AVIATION

As the largest aviation lessor in the world, we feel we have a responsibility to lead the industry towards a lower carbon economy

CONTROL

PORTFOLIO MANAGEMENT

- ~\$45bn invested in new technology aircraft since 2014
- 66% new technology aircraft fleet today, transitioning to 75% target in 2024¹
- 100% new technology order book of >430 aircraft

CIRCULAR ECONOMY

- **AerCap Cargo** has an unparalleled 25-year track record of passenger-to-freighter ("P2F") conversion programs, extending the useful life of our passenger aircraft
- **AerCap Materials** has over 50 years' experience in aircraft dismantling and recycling, helping to ensure that aircraft are retired in adherence with strict environmental protocols

OPERATIONAL OPTIMIZATION

- Continuous efficiency enhancements in our office locations globally
- Offset program to balance the unavoidable emissions directly generated
- 100% offset target of Scope 1, Scope 2 and business travel emissions in 2024²

INFLUENCE

COLLABORATE & PARTNER

- As asset owners rather than operators, some areas are not within our direct control
- In these areas, we seek opportunities to influence and lead the industry towards real, meaningful and creative solutions
- AerCap is in continuous dialogue and collaboration with regulatory policymakers, government bodies, industry trade associations and key business partners

See Supplemental Information – Endnotes.

COLLECTIVE EFFORT KEY TO ACHIEVING ESG GOALS

AerCap understands that the achievement of Net Zero by the aviation industry will require all stakeholders to work together

Aircraft Leasing Ireland (“ALI”)

- In October 2022, ALI held its inaugural Global Aviation Sustainability Day in Dublin. AerCap was one of over 30 lessors to sign ALI’s Sustainability Charter, which sets out 10 key industry initiatives on climate change and ESG, and promotes collaboration and ambition amongst the lessor community
- Donal Handley, Head of Government Affairs at AerCap, moderated a panel which focused on the role of governments in driving change, incentives versus mandates in the use of sustainable aviation fuels and the path towards Net Zero
- Peter Juhas, the CFO of AerCap, joined senior leaders from the aircraft leasing community in signing the ALI Sustainability Charter and spoke to the audience about the multiple challenges the aviation sector faces in reaching the goal of net zero emissions by 2050



Other Alliances and Collaborations

- Dedicated AerCap Government Affairs function based in Brussels with regular interaction with EU bodies on aviation decarbonization policies such as the EU Fit for 55 initiative and the EU Taxonomy
- Member of the European Commission’s Renewable and Low-Carbon Fuels Value Chain Industrial Alliance (“RLCFA”) which aims to boost production, access and supply of renewable and low-carbon fuels to the aviation and waterborne sectors
- Member of the European Commission’s Alliance for Zero-Aviation Aircraft (“AZE”) which aims to prepare the aviation market for entry into service of electrical and hydrogen aircraft
- Participating in the Glasgow Financial Alliance for Net Zero (“GFANZ”) a global coalition of leading financial institutions committed to accelerating the decarbonization of the economy¹



We have continuous dialogue and collaboration with regulatory policymakers, government bodies, industry trade associations and key business partners

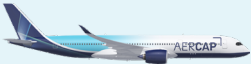
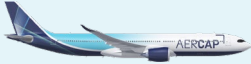








See Supplemental Information – Endnotes.

PROGRESSIVELY MODERNIZING OUR FLEET

New technology aircraft provide 20-31% fuel burn savings per seat, while also lowering CO₂ emissions, NO_x pollution and noise, and are capable of flying with up to a 50% blend of sustainable aviation fuel

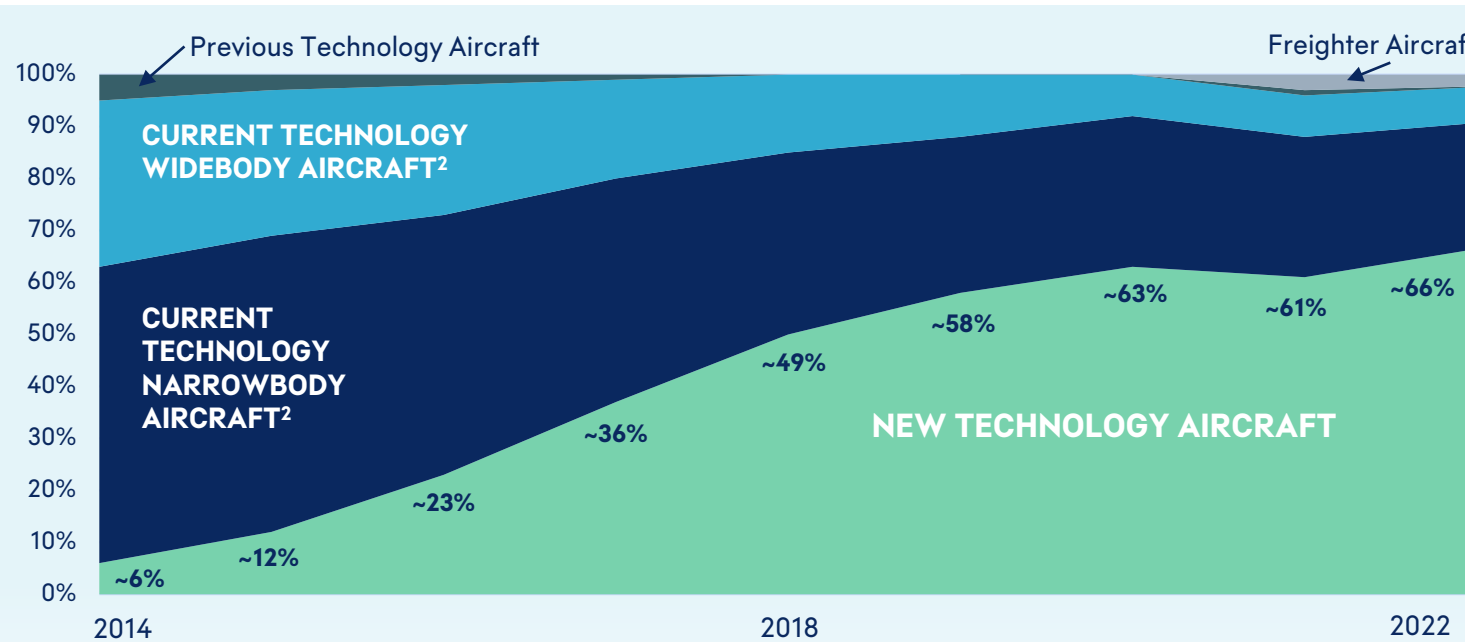
SIGNIFICANT FUEL EFFICIENCY GAINS WITH NOISE AND POLLUTION REDUCTIONS

	AIRCRAFT	FUEL CONSUMPTION	NITROGEN OXIDES (NO _x EMISSIONS)	NOISE
	Airbus A350-900	25% lower fuel burn per seat	Up to 23% margin to CAEP/8	Up to 24.8 EPNdB noise margin to ICAO Chapter 4
	Airbus A330neo	25% lower fuel burn per seat	Up to 20% below CAEP/8	Up to 18.8 EPNdB noise margin to ICAO Chapter 4
	Boeing 787	31% lower fuel burn per seat	36% margin to CAEP/8	>17.1 EPNdB noise margin to ICAO Chapter 4
	Airbus A321neo	22% lower fuel burn per seat	Up to 11% below CAEP/8 (CFM Engine) Up to 49% below CAEP/8 (PW Engine)	Up to 17.9 EPNdM noise margin to ICAO Chapter 4
	Boeing 737 MAX	21% lower fuel burn per seat	17% margin to CAEP/8	>13.2 EPNdB noise margin to ICAO Chapter 4
	Airbus A320neo	20% lower fuel burn per seat	Up to 43% below CAEP/8 (CFM Engine) Up to 49% below CAEP/8 (PW Engine)	Up to 21.4 EPNdM noise margin to ICAO Chapter 4
	Airbus A220-300	25% lower fuel burn per seat	Up to 38% below CAEP/8	Up to 17.4 EPNdM noise margin to ICAO Chapter 4
	Embraer 195-E2	25% lower fuel burn per seat	40% margin to CAEP/8	Up to 18.9 EPNdM noise margin to ICAO Chapter 4

See Supplemental Information – Endnotes.

OUR FLEET TRANSFORMATION

The purchase of new technology, fuel-efficient aircraft is a core element of our fleet strategy. In 2021, we introduced an ambitious target of transforming our fleet to ~75% new technology aircraft in 2024¹



New technology aircraft share of our owned fleet (as a % of NBV)³



See Supplemental Information – Endnotes.

AerCap's Transition to New Technology

2006 – 2013: Orders for the Boeing 787 aircraft, Airbus A350 aircraft, Airbus A320neo Family aircraft and Embraer E-Jets E2

2014: Acquired ILFC from AIG, purchasing a fleet of >900 owned aircraft and an order book of >300 aircraft at a discount to book value

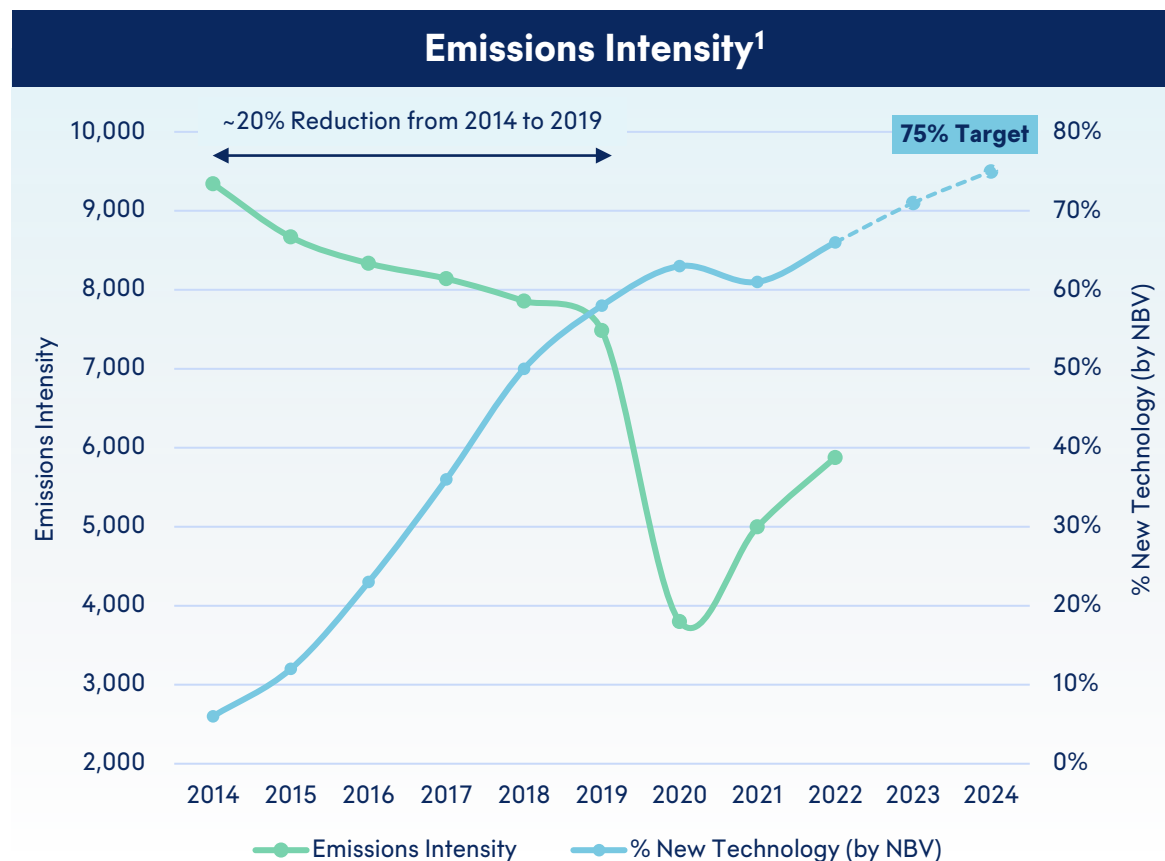
2015-2020: Aircraft orders with the OEMs for the Boeing 737MAX, Boeing 787, Airbus A330neo and Airbus A320neo Family

2021: Acquired GECAS from GE at a discount to book value, purchasing a fleet of ~820 aircraft and an order book of exclusively new technology aircraft

Today: Order book of >430 new technology aircraft will form the backbone of our future fleet, supporting airlines in achieving their sustainability targets

FLEET EMISSIONS REDUCTION

Despite the significant growth of our fleet as a result of the GECAS acquisition, our emissions intensity remains well below 2019 levels as the continued adoption of new technology aircraft reduces the impact on the environment



See Supplemental Information – Endnotes.

Fleet Investment

- While we own many aircraft, we do not operate them. However, as the global leader in aviation leasing, we feel a sense of responsibility to lead the industry towards a lower-carbon economy. The best way for us to do so is to support our airline customers' adoption of the most fuel-efficient aircraft available
- Since 2014, AerCap has invested ~\$45 billion in new technology aircraft. This investment materially enhances the fuel efficiency of our customers' fleets, reducing their Scope 1 emissions and reducing Scope 3 emissions for AerCap. In addition, these aircraft significantly reduce noise and air pollution^{2,3}
- As of December 31, 2022, ~66% of our owned aircraft fleet comprised new technology aircraft, on lease to ~80 airlines
- Driven by our orderbook of >430 new technology aircraft, we believe we should see further positive impacts for our customers and for AerCap
- All of our aircraft are capable of flying with up to a 50% blend of SAF and both Airbus and Boeing are targeting 2030 for 100% SAF capability and certification, an important step on the path to Net Zero³

CIRCULAR ECONOMY AND AVIATION

AERCAP¹ MATERIALS

- AerCap is involved in the whole life of our assets, taking delivery of brand-new aircraft from the OEMs and remaining involved until those aircraft are disassembled, and their parts returned into the supply chain to be used once again
- **AerCap Materials** has more than 50 years' experience in aircraft dismantling. Its facility is ISO certified and AFRA accredited, helping to ensure that aircraft are retired in adherence to strict environmental and safety protocols¹
- According to ICAO, ~85-90% of an aircraft is typically reused or recycled. ~40-50% of an aircraft is returned to the parts distribution pipeline and used again in aircraft maintenance, with most of the remaining materials recycled and returned to the supply chain as raw materials
- Proper disassembly of an aircraft in accredited facilities promotes the correct separation of different structural materials, which allows them to be recycled, and prevents hazardous materials from entering the environment



See Supplemental Information – Endnotes.

AERCAP¹ CARGO

- **AerCap Cargo** has an unparalleled 25-year track record of P2F conversion programs, extending the useful life of in-service aircraft and avoiding the environmental impact of building new freighter aircraft
- AerCap was the launch customer for Boeing and Aeronautical Engineers Inc. (“AEI”) conversion of the 737-800NG, considered the best-in-class aircraft for replacement and expansion in narrowbody freighters. As well as its higher payload and longer range, the NG series boasts advanced technology, lower fuel consumption and better reliability
- In 2019, the first ever P2F Boeing 777-300ER conversion was launched in collaboration between AerCap Cargo and Israel Aerospace Industries (“IAI”), “The Big Twin”
 - **Carrying More** – The Big Twin offers 25% more volume than the B777-200LRF
 - **Burning Less** – The Big Twin’s engine efficiency burns ~21% less fuel per tonne than the Boeing 747-400 aircraft and has the range capability to seamlessly replace aging freighters

THE BIG TWIN 777-300ERSF



EFFICIENT AERCAP OFFICE OPERATIONS

~36%

of our electricity usage across our global offices in 2022 was from renewable energy¹



Water and Waste

- All drinking water in our Dublin HQ comes directly from filtered taps
- **~12,500m³** of water used by AerCap in 2022⁴
- Commitment to reducing single use plastic
- “Zero to landfill” policy at our waste partner for our Dublin HQ



Dublin HQ LEED Platinum Certified

33%

of our leased car fleet is electric, with EV charging points in our main offices



Cycle to work scheme, bike racks and shower facilities

~61%

of waste generated in our Dublin and Shannon offices was either recycled or composted²



Business Travel

- The global nature of our business and the location of our offices means some business travel is critical to our operations
- By working with our travel partners, we aim to optimize each trip and minimize our impact on the environment



Light and air-conditioning/heat motion sensors; **70%** capacity during business hours and **5%** at weekends and at night

~76

tons of waste were generated by AerCap offices in 2022³



Locally sourced produce in office restaurants, with plenty of healthy options

100%

LED lighting in Dublin HQ



See Supplemental Information – Endnotes.

OFFSETTING OUR UNAVOIDABLE EMISSIONS

AerCap believes that reducing emissions is the most effective climate solution and we are endeavoring to lessen our impact on the environment in our operations; carbon offsetting allows us to balance our unavoidable emissions

Progress Update on Carbon Offsets

- In 2022, AerCap offset **~60%** of our **Scope 1, Scope 2 and Business Travel Emissions** for the year 2021, up from **~40%** the prior year. This amounted to **approximately 900 tonnes of CO₂e**; we are currently evaluating options to offset **~80%** our 2022 emissions
- We offset these emissions through our partnership with First Climate:
 - One project, based in the Gansu Province of China, involves the installation of 134 wind turbines and is expected to deliver a total of 463 GWh of clean electricity to the Northwest China Power Grid. The project is verified by the Verified Carbon Standard ("VCS")
 - The second project is a hydropower project, on the Plotas River in Brazil, which involves the diversion of river water towards a small dam where three generators are installed. The project will deliver >3,300 GWh of clean electricity to the national power grid per year, catering for 1.2 million households. This project is also verified by the VCS
- All the First Climate projects are certified to rigorous standards with the goal of making sure that the carbon credits are real, measurable, permanent and third-party verified

First Climate



WHAT IS CARBON OFFSETTING?

- Carbon offsetting is based on the principle of a global balance: that for the climate it is irrelevant where in the world emissions are generated or where they are saved
- As a result, it is possible to offset unavoidable emissions that occur in one location by taking additional climate protection measures in another
- While focusing on reducing greenhouse gas emissions, the projects also generate multiple co-benefits that are supportive of the United Nations' Sustainable Development Goals
- We have increased our carbon offset program each year, and by 2024, we have targeted 100% offsetting of these unavoidable emissions

CARBON EMISSIONS DISCLOSURES

Emissions (tonnes CO ₂ e)	2015	2016	2017	2018	2019	2020	2021	2022
Scope 1								
Leased Car Fleet	-	-	-	-	-	34	29	99
Gas ^{1,2}	-	-	-	-	-	-	71	217
Total Scope 1 Emissions	-	-	-	-	-	34	100	316
Scope 2 ²								
Purchased Electricity	-	-	-	-	-	-	114	265
Total Scope 2 Emissions	-	-	-	-	-	-	114	265
Scope 3								
Owned Aircraft ³	43,300,000	40,600,000	38,400,000	35,600,000	35,000,000	16,400,000	22,100,000	38,400,000
Business Travel ⁴	-	-	-	4,767	3,952	1,126	1,206	3,833
Total Scope 3 Emissions	43,300,000	40,600,000	38,400,000	35,604,767	35,003,952	16,401,126	22,101,206	38,403,833
<i>Owned Aircraft Emissions Intensity⁵</i>	<i>8,668</i>	<i>8,334</i>	<i>8,140</i>	<i>7,856</i>	<i>7,482</i>	<i>3,798</i>	<i>4,998</i>	<i>5,875</i>

AerCap's Emissions in 2022

- AerCap's emissions increased in 2022 relative to 2021 for two principal reasons:
- The acquisition of GECAS led to an increase in the number of employees and office buildings, resulting in a larger Scope 1 and 2 Emissions footprint, as well as increased Business Travel emissions. In addition, AerCap's fleet nearly doubled as a result of the acquisition, which increased the Scope 3 Emissions of our owned aircraft
- The recovery of air travel to more normal levels following the Covid-19 pandemic led to an increase in Scope 3 Emissions of our owned aircraft

Please Note: We continue to refine how we measure and estimate of our emissions. Discrepancies to past disclosures may result from changes to the way we estimate our emissions and/or the reporting ability of third-party providers. See Supplemental Information – Endnotes.

CORPORATE CITIZENSHIP



UNDERSTANDING AVIATION'S CONTRIBUTION TO SOCIETY

AerCap contributes to the growth, affordability and accessibility of air travel by enabling our airline customers to connect communities around the world, with ~53% of our lease revenues coming from airlines in emerging markets¹



Only global rapid transportation network



Facilitates sustainable economic growth, particularly in developing countries



Development of social and economic networks



Facilitates world trade by increasing access to international markets



Deployment of essential services and humanitarian aid during emergencies



Enriches quality of life through cultural awareness and diversity

THE IMPORTANCE OF AVIATION

87.7 MILLION JOBS
supported worldwide

\$3.5 TRILLION
global economic impact

4.1% GLOBAL GDP
supported by aviation

4.6 BILLION PASSENGERS
carried by airlines

35% OF WORLD TRADE
by value, carried via air transport

61 MILLION TONNES
freight handled

See Supplemental Information – Endnotes.

SUPPORTING OUR LOCAL COMMUNITY AND EDUCATION

- Ireland is recognized as a center of excellence in the aviation leasing industry and as such, AerCap benefits from having a large, attractive pool of experienced talent available to us
- AerCap is committed to supporting the next generation of industry professionals through a variety of educational programs. These programs provide a pipeline of indigenous talent that supports the future growth and development of our industry
- AerCap is a sponsor of the prestigious **MSc in Aviation Finance program** at University College Dublin ("UCD") Michael Smurfit Graduate Business School. In addition to the sponsorship, this program involves lectures by some of our key employees and internships provided by the company to a number of students from the program, giving graduates the opportunity to gain valuable experience in a range of disciplines
- In August 2021, AerCap launched a **4-year scholarship program**, providing 10 scholarships to students of the Faculty of Engineering at the **International School of Engineering at Chulalongkorn University**, Thailand's number one ranked university and a world-class leader in aerospace engineering education. In addition to the scholarships, AerCap provides a range of tailored supports to students, including guest lectures, workshops, and summer internships
- The **AerCap TY Aviation Academy** is a one-week program designed to give Transition Year students in Ireland with a passion for aviation a unique insight into the career options available to them. Hosted twice a year in partnership with the Shannon Aviation Museum, the program gives students the opportunity to meet aviation professionals, including pilots, engineers and air traffic controllers, as well as members of the AerCap team



UCD Michael Smurfit
Graduate Business School

CHULA ENGINEERING
Foundation toward Innovation



Aengus Kelly, CEO of AerCap, with the AerCap scholarship recipients at Chulalongkorn University in Thailand



AerCap TY Aviation Academy visit to the Atlantic Aviation Group in Shannon, Ireland

DIVERSITY AND INCLUSION

Our leadership team, together with the ESG Committee, is committed to developing programs and initiatives to support DEIB

- **AerCap is committed to building a pipeline of diverse talent through a variety of initiatives**
- In 2022, AerCap launched a DEIB survey inviting employees to share their thoughts and insights on what is important to them and what AerCap should focus on. A number of themes and areas of interest emerged, which will assist with building out our DEIB framework and related strategy
- AerCap is committed to creating an environment that enables employees to grow and develop while contributing to the ongoing success of the Company, regardless of race, religion, gender, marital status, family / civil status, sexual orientation, age, or disability
- AerCap is an Equal Opportunities Employer and we recruit, employ and promote employees based on qualifications and performance
- We align our non-discrimination policies with local laws in the locations where we operate

Promoting Women in Aviation

In 2019, we established a scholarship program with the University of Limerick, the first **Women in Aviation** program of its type in Ireland. The program aims to create awareness amongst female students of Aeronautical Engineering as a career option and encourage more women to join the aviation industry

Industry Partnerships also Play a Role

At an industry level, we partner with a variety of organizations that are focused on advancing gender diversity and gender equality. AerCap has been a long-time supporter of AWAR, **Advancing Women in Aviation Roundtable**, and in 2022 we sponsored their annual Dublin luncheon. We also sponsored the **International Aviation Women's Association ("IAWA")** annual conference, and we are a member of **Women in Aviation Singapore** Chapter. All of these initiatives aim to promote the development and advancement of women leaders in the aviation and aerospace industries through a global network

AerCap is a signatory of the **Aircraft Leasing Ireland** Sustainability Charter, which was launched in October 2022. The Charter sets out 10 key industry initiatives, including a commitment to diversity and equal opportunities in the workplace and in the wider aviation industry

In addition to this, we work with **PropelHer**, a network of aviation leasing professionals focused on the promotion of women in our industry. Members of the AerCap team have joined the PropelHer Mentoring program as mentors and mentees



OUR EMPLOYEES

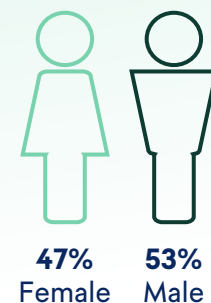
Our diverse workforce is a key competitive advantage and we continue to support more equal gender representation at AerCap

- We pride ourselves on being a global business, operating across many countries with diverse and talented teams

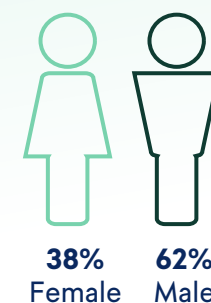
Management Levels	Male	Female
Board of Directors	73%	27%
Executive Team	95%	5%
Senior Management	75%	25%

Office Locations	% of Employees
Ireland	67%
United States	19%
Singapore	9%
Other ¹	5%

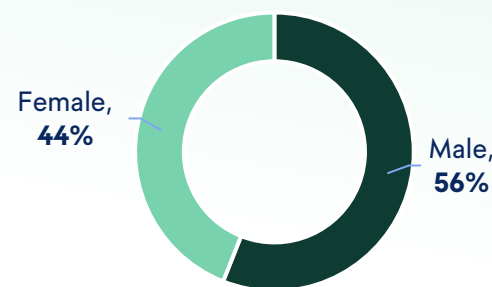
NEW HIRES



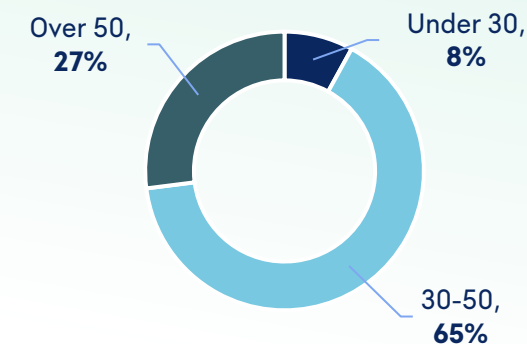
PROMOTIONS



GENDER MIX



EMPLOYEE AGE RANGES



See Supplemental Information – Endnotes.

TALENT RETENTION AND ATTRACTION

At AerCap, our employees are one of our most important assets and we seek to hire, reward and retain the best talent in the industry



REMUNERATION

Competitive remuneration packages include¹:

- Base salary
- Performance-based bonuses
- Employee share scheme
- Retirement savings plans



BENEFITS

- Generous leave policies including annual leave, maternity leave and compassionate leave
- Comprehensive health plans are provided to employees and their families
- Policies that support employees for absence due to short or long-term illness
- Flexible working policy
- Health and wellness initiatives

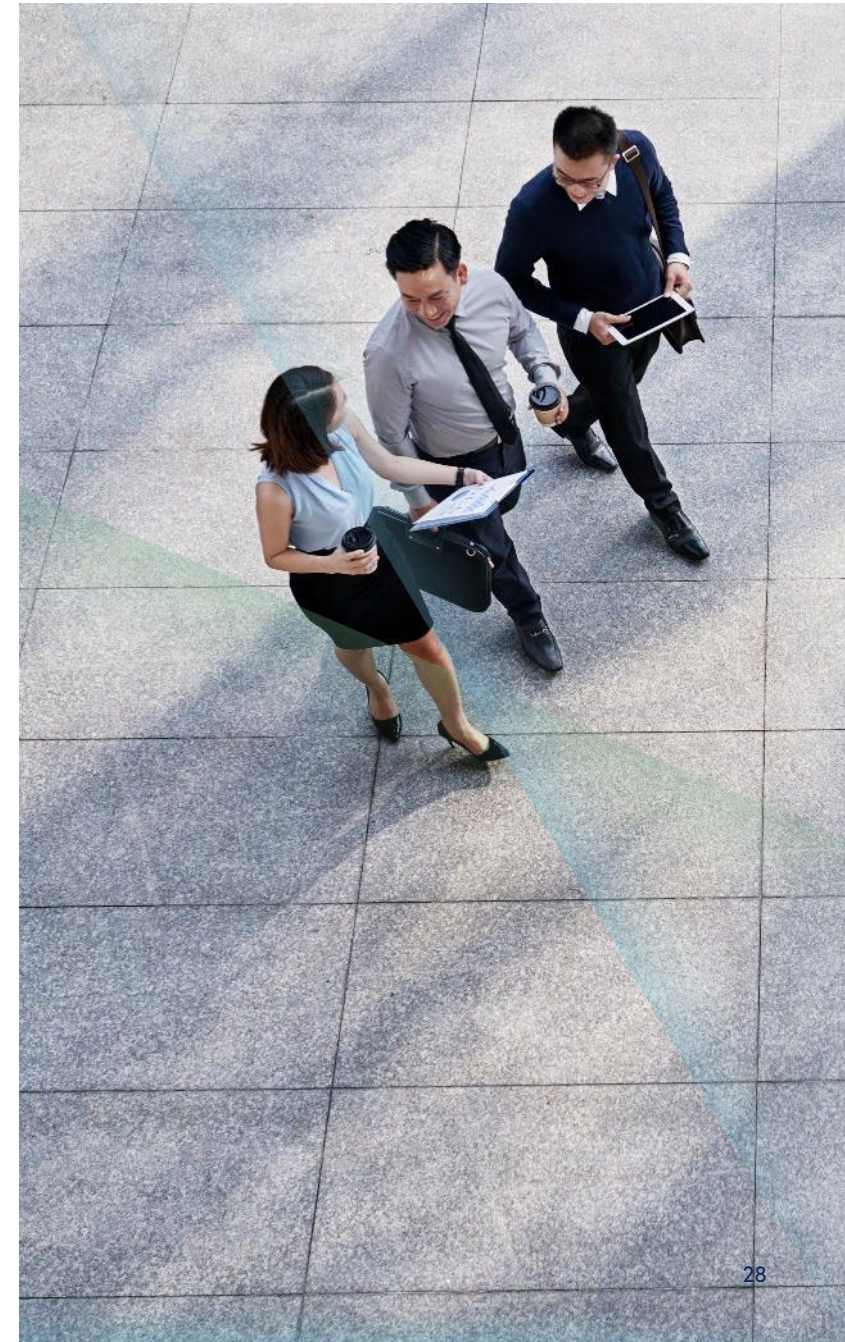


DEVELOPMENT

- Promotion and development opportunities
- Tuition reimbursement policy to facilitate career development
- Ongoing performance and development discussions
- Support a variety of continuous professional development programs, internally and externally
- Paid professional memberships

See Supplemental Information – Endnotes.

© AerCap - Confidential property of the company, not for disclosure or use without permission



EMPLOYEE WELLBEING

AerCap has a high-performance culture and operates in a dynamic and fast-paced industry. We offer a range of health and wellness programs to strengthen connections and improve the overall wellbeing of our employees

Social Initiatives

- Monthly Socials
- Summer/Christmas Events
- Tag Rugby
- Golf Society
- Football
- Cycling
- Book Club

Physical Health

- Medical and Dental Insurance
- Fitness Classes
- Wellness Talks
- Onsite Health Assessments

Mental Health

- 24/7 access to counselling through our health insurance partners
- Flexible working arrangements

Healthy Living

- We provide complimentary on-site lunch catering to employees in our Dublin and Shannon offices, with vegetarian options available
- Fresh fruit is made available in all offices to encourage healthy snacking habits
- There are on-site gyms in our offices in Dublin and Shannon
- Our CSR initiatives are often focused on encouraging employees to have an active and healthy lifestyle



HEALTH AND SAFETY

The safety of our employees is of the utmost importance and is inextricably linked to the financial success of AerCap

Respect & Dignity

- AerCap is committed to maintaining a productive working environment in which all employees are treated with mutual dignity and respect
- All employees have the right to work in an environment that is free from sexual harassment, other forms of harassment and bullying
- Our policies apply to employees both in the workplace and at work-associated events such as meetings, conferences and social events, whether on AerCap premises or off-site
- AerCap is committed to creating an environment where employees feel comfortable discussing any complaints
- A prompt and thorough investigation of complaints will be undertaken, and appropriate disciplinary action taken
- The reporting and escalation process is clearly outlined in our Dignity at Work policy, which is available to all employees

Safe Workplace

- The AerCap House Safety Statement governs workplace safety practices in our Dublin HQ. This statement is approved by our CEO and is updated regularly
- **It includes:**
 - Health and safety (“H&S”) responsibility
 - Hazard identification and risk assessment
 - Emergency response
 - Worker exposure
 - Contractor obligations
 - Safe systems and training
- Similar policies have been implemented in other offices and warehouses globally, where we are obliged to obey all local H&S laws and regulations

0

TRIR / LTFR

There were no fatalities or workplace injuries at AerCap in 2022¹

Safe Products

- We only deliver certified aircraft that meet strict regulatory standards to customers
- Our customers are contractually required to operate and maintain our assets according to the laws and regulations of the FAA, EASA or competent equivalent local authority
- We have regular oversight of the operating and maintenance records of our aircraft
- We also monitor the health and safety conditions of our suppliers

See Supplemental Information – Endnotes.

CSR OUTREACH AT AERCAP

Engaging with our local communities brings employees together to help make a difference and inspire positive change

- Our Corporate Social Responsibility (“CSR”) Committee was established in 2017 to oversee the selection of charities and the implementation of fundraising and volunteering initiatives across the organization
- The CSR Committee is led by employees and has representatives from the Dublin and Shannon offices (~67% of total employees), as well as representatives in each of the larger overseas offices who coordinate local initiatives
- At the beginning of each calendar year, AerCap employees vote for four charitable and social themes, from a shortlist selected by the CSR Committee
- Throughout the year, the CSR Committee is responsible for reviewing and evaluating requests for support for charitable and community-related initiatives aligned with the chosen themes
- In addition to this, the CSR Committee can nominate charity partners that would benefit from longer-term partnerships with AerCap, rather than one-time donations
- In 2022, we had ongoing partnerships with Leinster Hockey Association, the Museum of Literature Ireland (“MoLI”) and Concern Worldwide. We also established a charitable fund through the Community Foundation (“CFI”) for Ireland through which we can direct charitable donations in line with our chosen themes for the year:
 1. **Mental Health and Suicide Prevention Support Services**
 2. **Domestic Abuse and the Prevention of Violence Against Women**
 3. **Homelessness**
 4. **Cancer Care and Hospice Services**



2022 HIGHLIGHTS FROM OUR CHARITABLE PARTNERS



121 Schools and **2,489** Students participated in **educational workshops** with positive feedback:

"The workshop was excellent at fostering each child's own creativity but also allowed opportunities for children to work together if necessary. It tied in very nicely with the English language curriculum but also imaginative drawing."

"It was well structured, engaging, fun and promoted creativity and student voice."



AerCap partners with Concern Worldwide on the **CHANGE program** based in the Amhara region of Ethiopia. The program aims to support marginalized girls, aged 15-19 years old, achieve better literacy and numeracy skills, and provides seed money to develop sustainable livelihoods. In 2022, AerCap's support meant that over 1,600 girls successfully completed the literacy and numeracy training program



In 2022, AerCap partnered with the CFI to establish a **managed donor fund** benefiting women's charities and LGBTQ+ charities across Ireland. In line with our 2022 charitable and social themes, the charities supported included the Samaritans, Safe Ireland, Dublin Rape Crisis Centre, ADAPT Domestic Abuse Services, Rape Crisis Mid-West and LGBT Ireland



SPOTLIGHT ON CSR INITIATIVES IN 2022



Orbis is a global charity fighting avoidable blindness in sub-Saharan African countries

Orbis works in Ethiopia, where four million people are blind or visually impaired, with high rates of trachoma, a painful blinding eye disease

One of Orbis' annual fundraisers is **the Great Ethiopian Run**. In 2022, AerCap was delighted to support a group of 18 employees in their fundraising efforts to participate in the run, by covering their travel and accommodation during their stay

Employees travelled to Addis Ababa in November to take part in a 10K run and then travelled to Southern Ethiopia to witness Orbis' sight-saving work first hand



Airlink is a global humanitarian organization delivering critical aid to communities in crisis by providing airlift and logistical solutions to NGO partners around the world

In 2022, AerCap became a Gold-level sponsor of Airlink

Through our donation, AerCap and its employees helped raise vital funds to support the humanitarian crisis in Ukraine caused by the war, and the relief effort following the devastating flooding in Pakistan

Airlink's response to and impact on both of these crises was effective:



>40
NGO partners supported



>600
responders sent



>1,100
tons of humanitarian aid cargo delivered



The **Movember Foundation** is a global organization that supports men's health issues, including testicular cancer, prostate cancer, mental health and suicide prevention. Its aim is to raise awareness of men's health matters through educational campaigns and by funding innovative research projects to have both a global and local impact

In November 2022, AerCap and its employees supported the Movember campaign. Several of our male colleagues took on the "MoBro" title with pride and grew moustaches and organized fundraising events across the Company to raise awareness and funds for men's health

AerCap matched all employee donations through its Matching Donation program to the benefit of the Movember Foundation in Europe, the U.S. and APAC

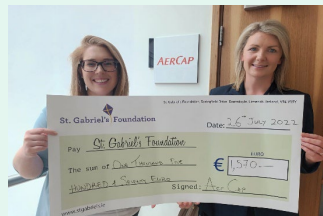


GIVING TO OUR COMMUNITIES

In 2022, AerCap together with our employees, donated over \$800,000 to charitable causes and partnerships



AERCAP EMPLOYEES' CHARITY AND SOCIAL INITIATIVES



WORLD CLASS GOVERNANCE



GOVERNANCE AT AERCAP

AerCap is at the forefront of aviation leasing and we pride ourselves on our world class governance

- Our Board of Directors is a key competitive advantage for AerCap, and provides a wealth of knowledge and experience, with deep industrial and financial expertise, as well as diversity of gender and nationality
- We strive to conduct our business with integrity and in an honest and responsible manner and to build relationships with our customers, suppliers, shareholders, employees and other stakeholders
- Our high-caliber leadership team hold themselves to rigorous ethical and professional standards. Best-in-class policies and procedures clearly describe the expectations we have of all our employees, wherever they are in the world
- We expect our customers and suppliers to operate with a similar level of integrity
- We comply with NYSE corporate governance standards that apply to a foreign private issuer and with the Dutch Corporate Governance Code

AERCAP BOARD OF DIRECTORS

AerCap is committed to growing our business in a responsible and sustainable way, starting with having a strong and experienced Board providing effective oversight and governance to the Company

Paul Dacier



Non-Executive Chairman, AerCap. General Counsel, Indigo Agriculture and Non-Executive Director, Progress Software Inc.

Over 30 years of corporate law experience and more than 10 years on aircraft leasing boards

Aengus Kelly



CEO, AerCap

Over 20 years of aviation leasing and financing experience, including eleven years as CEO of AerCap

Brad Branch



Former Senior Advisor in the Office of the CEO, Deloitte Touche Tohmatsu Ltd

Significant global financial services and audit experience, over a 40-year career in accounting practice, including a sector focus on air transportation

Stacey Cartwright



Non-Executive Director of Savills PLC, Genpact, Gymshark and Majid al Futtaim Entertainment. Chair of the Advisory Committee of Majid al Futtaim Lifestyle

Extensive executive management and financial experience across retail, media and healthcare industries

Rita Forst



Non-Executive Director of Westport Fuel Systems Inc. and Johnson Matthey Plc. Member of the supervisory board of Norma Group SE

Over 35 years of experience in automotive and engineering industries

Michael Gradon



Former Board Director, The Peninsular & Oriental Steam Navigation Company (P&O)

Significant legal and corporate governance experience, with over 10 years on aircraft leasing boards

Jim Lawrence



Chairman of Lake Harriet Capital, a private investment firm. Former Chairman & CEO, Rothschild North America, former CFO and Executive Director of Unilever and former CFO of Northwest Airlines

Major corporate and board experience, including in the aviation industry. Significant background in M&A and investment banking

As of December 31, 2022.

Jean Raby



Partner with Astorg, a European private equity firm. Former CEO of Natixis Investment Managers, a global asset manager

More than 30 years of experience in investment banking, law and finance

Jennifer VanBelle



Senior Vice President, GE Capital CEO and Treasurer of GE and GE Capital

Extensive capital markets and risk management experience

Michael Walsh



Non-Executive director of Uisce Eireann, the Irish government owned national water utility, and of Limerick Civic Trust, a charitable organization

Over 30 years' experience as a non-executive director, senior executive and commercial lawyer in the aircraft leasing and financing industry

Robert Warden



Former Global Head of Private Equity at Cerberus Capital Management. Formerly worked in private equity at Pamplona Capital Management, JH Whitney, Cornerstone Equity and DLJ

Over 25 years of financial services and private equity experience

BOARD COMMITTEES

Established to assist the Board in accordance with our Articles of Association and Board Rules, each of the Board Committees has at least one financial expert, one industry expert and one governance expert among its members

Group Executive Committee ("GEC")



Aengus Kelly
CEO

Peter Anderson
CCO

Peter Juhas
CFO

The GEC is tasked with assisting the CEO with the operational management of the Company, it is chaired by the CEO and in 2022 its members included AerCap's Chief Commercial Officer and Chief Financial Officer

Group Portfolio and Investment Committee



Aengus Kelly
CEO

Peter Anderson
CCO



Bart Ligthart
CIO

Peter Juhas
CFO

Group Treasury and Accounting Committee



Peter Juhas
CFO

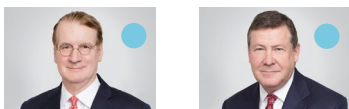
Brian Canniffe
Group Treasurer



Peter Juhas
CFO

Brian Canniffe
Group Treasurer

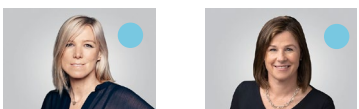
Audit Committee



Fully Independent



Nomination and Compensation Committee



ESG Committee



Peter Juhas
CFO

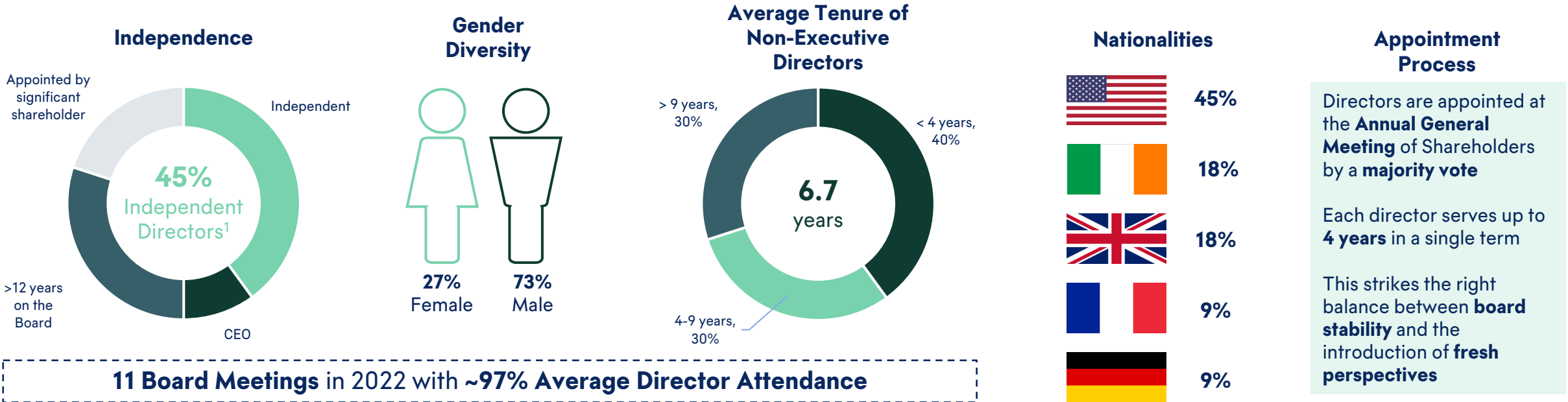
Tom Slattery
EVP Engines

Joseph McGinley
Head of IR

Financial Expert

As of December 31, 2022.












BOARD INDEPENDENCE AND DIVERSITY



- AerCap’s directors are from diverse legal, financial and technical professional backgrounds and combine a broad-spectrum expertise with a reputation for integrity
- The non-executive directors are carefully selected based upon their combined experience and expertise, as outlined in the [Board profile](#)
- In 2022, the non-executive directors performed a self-assessment of the Board’s performance. This included an assessment of how well the Board, its committees and its individual members functioned. The non-executive directors concluded that the Board, its committees and its individual members functioned and continue to function satisfactorily. Possible improvement opportunities were documented and will be monitored through to implementation

As of December 31, 2022.
See Supplemental Information – Endnotes.

BOARD EXPERIENCE

		Dacier ¹	Kelly	Branch	Cartwright	Forst	Gradon ¹	Lawrence	Raby ²	VanBelle ²	Walsh	Warden ¹
Nationality												
AerCap Board Record	Independent			●	●	●		●			●	
	Years on the Board	13	12	5	4	4	13	6	<1	1	6	16
	Board meeting attendance in 2022	100%	100%	100%	100%	82%	100%	100%	100%	91%	100%	91%
Board & Management	Total Public Boards (incl. AerCap) ³	2	1	1	3	4	1	3	3	1	1	1
	Public Company CEO/CFO ⁴		●		●			●	●			
Industry & Finance	Aerospace/Transportation Industry		●	●		●		●		●	●	
	Financial Services		●	●				●	●	●		●
	M&A/Accounting	●	●	●	●			●	●	●		●
ESG	Governance/Legal	●			●	●	●	●	●	●	●	
	Risk/Information Technology	●		●				●		●		
	Social/Not-for-Profit			●	●		●	●			●	

As of December 31, 2022.

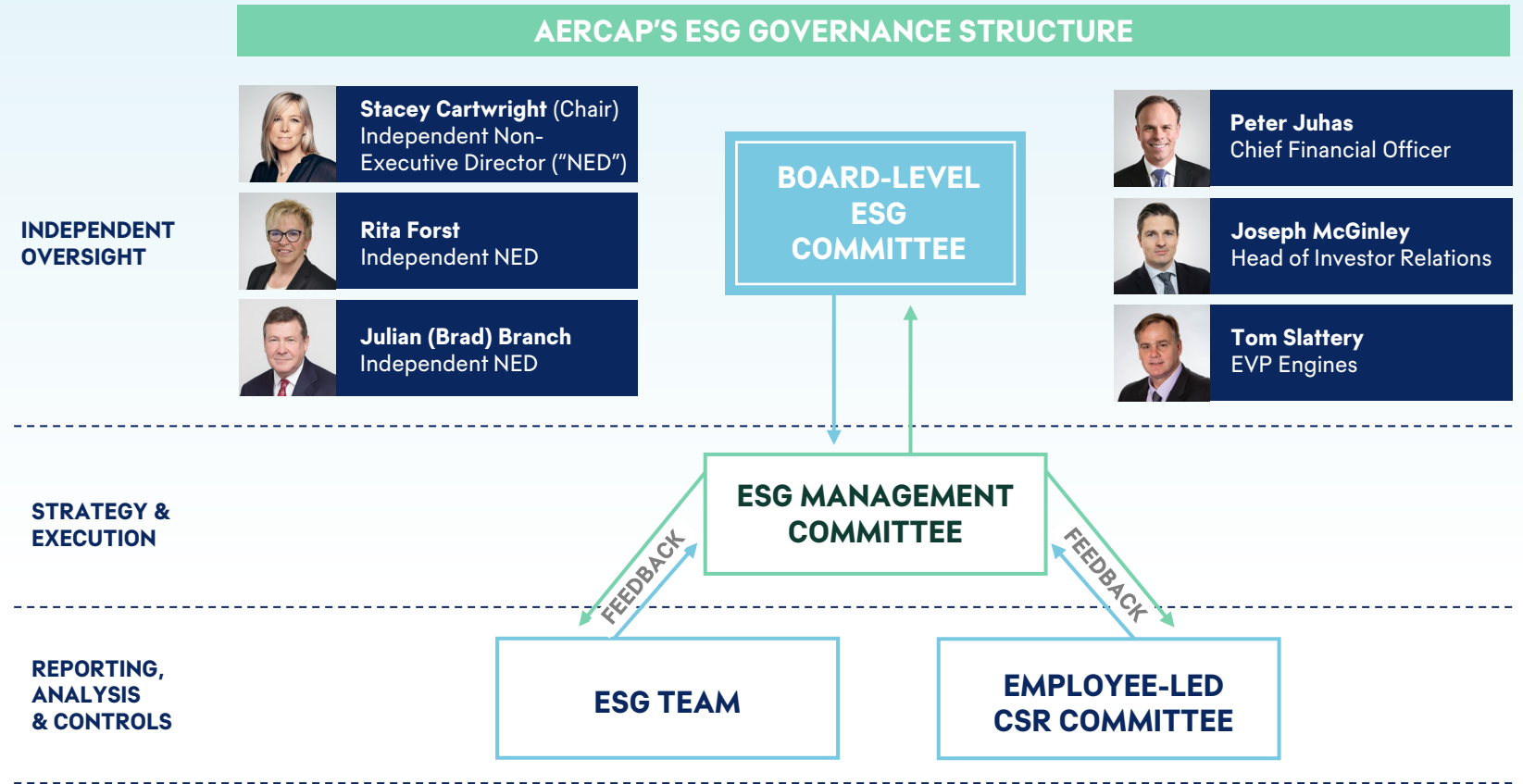
See Supplemental Information – Endnotes.

© AerCap - Confidential property of the company, not for disclosure or use without permission

ESG GOVERNANCE STRUCTURE

Our board-level ESG Committee provides dedicated oversight to ESG risks and opportunities at the highest level

- Primary responsibility for AerCap’s ESG strategy lies with the Board and its ESG Committee
- The ESG Committee comprises 50% independent Board members and 50% executives, these individuals have relevant experience in areas such as governance, sustainability, energy efficiency, charitable outreach, financial reporting and reputational risk management
- The ESG Committee is responsible for defining and reviewing AerCap’s strategy relating to ESG matters and developing and maintaining the Company’s policies, targets and initiatives in this space
- This creates a balance between the execution of strategy at an executive level with the independent oversight and counsel of the experienced board members
- An overview of the responsibilities of the ESG Committee can be found on our website [here](#)



ETHICS AND COMPLIANCE

We strive to conduct our business with integrity, in an honest and responsible manner, holding our employees to high levels of ethical and professional standards

- AerCap has a **zero tolerance** policy for any ethical violations
- We recognize the fundamental principles of human rights, as outlined in the UN's Universal Declaration of Human Rights
 - **Zero tolerance** of human rights violations, including modern day slavery, child labor and human trafficking, is built into AerCap's compliance philosophy. Our industry has very low exposure to human rights violations and we monitor any potential risks in our own operations and throughout our supply chain
- Reports of suspicious activities can be made anonymously and will be thoroughly investigated
- Disciplinary actions are taken according to set policy and serious offenses, if warranted, will be reported to relevant enforcement authorities without delay
- AerCap's Code of Conduct outlines the operational standards and general principles of ethical behavior applicable to all AerCap employees, wherever they are based in world
- We have various policies and procedures in place designed to facilitate compliance with relevant laws and regulations. These provide clear guidance to employees on their compliance obligations and options available to them in various situations
- There were **no identified compliance breaches** or violations in 2022



- On an annual basis, all employees are required to participate in mandatory compliance training courses, which includes an annual review of key compliance areas, including the Code of Conduct and annual certifications
- Compliance is factored into employee reviews and promotions



SPOTLIGHT ON COMPLIANCE POLICIES AND PROCEDURES

Anti-Money Laundering and Counter-Terrorism

- AerCap does not allow any form of money laundering or terrorism financing
- Controls are in place to prevent and detect money laundering and terrorism financing, including stringent Know Your Customer ("KYC") reviews. No cash is accepted, and compliance approval is needed for charitable donations, etc.
- Additional KYC checks are performed on politically exposed persons ("PEPs")
- Relevant AerCap entities have registered with the Central Bank of Ireland for Anti-Money Laundering ("AML") purposes, underpinning the group's commitment to following best practices in this area

Antitrust Compliance

- Employees are required to be aware of antitrust rules and potential limitations of their acts in the marketplace
- Employees are governed under AerCap's Antitrust Policy, which is made available to all employees
- Clear compliance guidance on the type of interactions, conduct and agreements that may raise antitrust concerns is provided
- Active compliance channels for consultation and reporting in case of doubt or questions are in place

Due Diligence / Screening and Ongoing Monitoring

- A KYC review is performed on new customers, trade partners and vendors and a targeted KYC review of existing customers is performed using a risk-based approach
- We cross-reference a global screening system, E2Open, on a restricted party list
- Potential red flag events are highlighted with clear lines for compliance escalation
- Approval of new vendors is required prior to entering any transaction
- No leasing transaction can be executed without the approval of AerCap Compliance

Whistle-blower Policy

- Detailed and defined scope, breaches and reporting procedures. Anonymous reporting can be made via an independently operated toll-free hotline that is available 24 hours a day
- Reported issues are fully investigated, escalated (if applicable), and recorded
- Any employee who reports a concern regarding a financial or non-financial breach which they reasonably believe to be true, will be given protection for such reporting and we provide all necessary protections in line with EU regulations
- No tolerance for any form of threat, retaliation or other action against a whistle-blower

SPOTLIGHT ON COMPLIANCE POLICIES AND PROCEDURES

Anti-Bribery and Fraud

- Fraud is defined as the intentional, false representation, or concealment of a material fact for the purpose of inducing another to act upon it to his or her injury
- Policies clearly define behaviors that are considered to be fraudulent; however, this is not intended to be exhaustive, and if there is a question as to whether an action constitutes fraud, the Chief Compliance Officer must be consulted
- Bribery is prohibited at AerCap. There is a wide variety of situations in which bribery may occur. Guidelines are provided on the anti-bribery procedures that employees must follow in such situations, if they occur

Insider Dealing

- Applies to all AerCap directors, employees and individuals who are subject to the influence or control of an AerCap director or employee
- Clearly defined applicable periods (during and post-employment)
- Clearly listed prohibited trading activities
- All permissible trading activities are subject to open window periods and individual compliance clearance
- Annual reporting required through an internal system

Disclosure of Lobbying Activity

- AerCap is required by the Irish Regulation of Lobbying Act 2015 to disclose any lobbying activity with Designated Public Officials ("DPOs"). Prior approval is required for any intended communication with a DPO that potentially constitutes lobbying activity
- In 2022, AerCap conducted lobbying activity related to key industry and regulatory developments and their impact on lessors generally, including engagement with governments/regulators on ESG, Covid-19 and the Russian invasion of Ukraine. All lobbying activities were properly disclosed¹
- Any political contributions made in 2022 were de minimis (<\$3k) and disclosed in statutory financial statements

Economic Sanctions and Export Controls

- Numerous jurisdictions around the world enforce economic sanctions and export controls as to certain countries and certain persons and entities
- AerCap identifies Prohibited Countries and Prohibited Persons and does not do business with either, unless it is determined that the transaction is authorized by law
- The Bridger screening system is a tool used in support of AerCap's sanctions and export control compliance program
- Economic sanctions and export controls compliance clauses are included in our contracts with customers and other trade partners

See Supplemental Information – Endnotes.

RIGOROUS INTERNAL AUDIT PROCEDURES

Internal audit function provides assurance over risk management, controls and compliance

Key Features

- **Authority and independence** with a dual reporting line to the Audit Committee and CEO
- **Risk-based approach** focused on risks to AerCap achieving its corporate objectives
- **Strong endorsement by CEO and GEC members**
- **Open and transparent interaction** across the organization
- Follow the **IIA Framework of Professional Standards**

Key Objectives

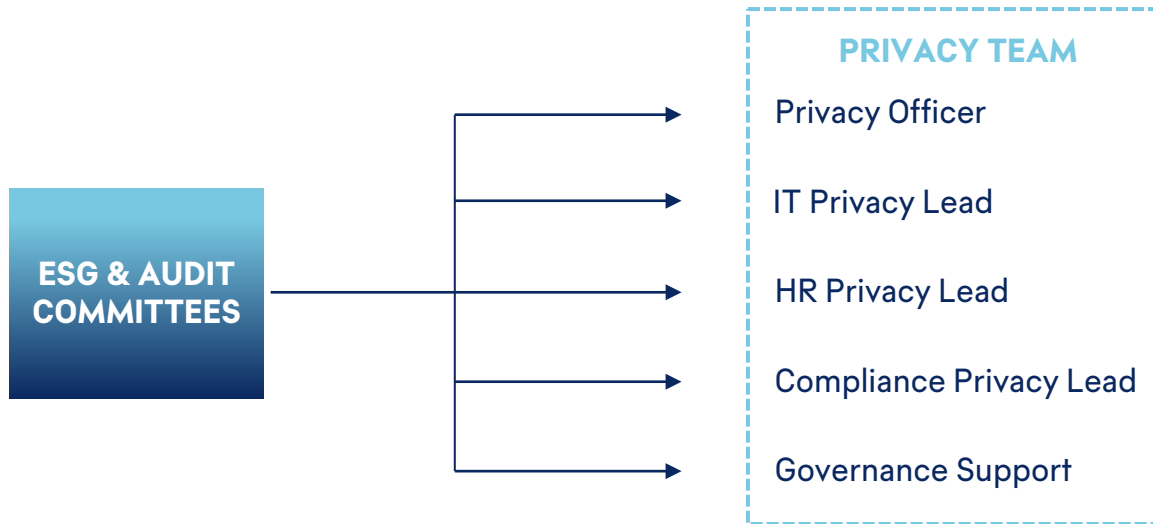
- Aimed at anticipating internal and external risks
- Focus on maintaining industry-leading quality and governance
- Support speed of execution, creation of unnecessary barriers
- Designed to underline the importance of personal responsibility
- Promote continued compliance with SOX 404 requirements
- Focused on complementing attributes that make AerCap succeed

Five-Stage Process



PRIVACY AND DATA PROTECTION

PRIVACY GOVERNANCE STRUCTURE



GDPR IMPLEMENTATION

- AerCap applies GDPR requirements globally through uniform processes and enhanced data security
- The responsibility is on all AerCap employees to protect and use personal data appropriately
- AerCap employees enjoy the enhanced protection of their personal data in accordance with GDPR

DATA PROTECTION POLICIES AND PROCEDURES

DATA RETENTION POLICY

- The privacy officer and privacy leads conduct an annual refresh of the personal data register
- Internal and external procedures and processes are clearly defined and available to all employees

DATA PROTECTION POLICY

- Enhanced data protection training for employees
- Projects or changes deemed to impact the transfer or processing of personal data must undergo a data protection impact assessment

DATA BREACH POLICY

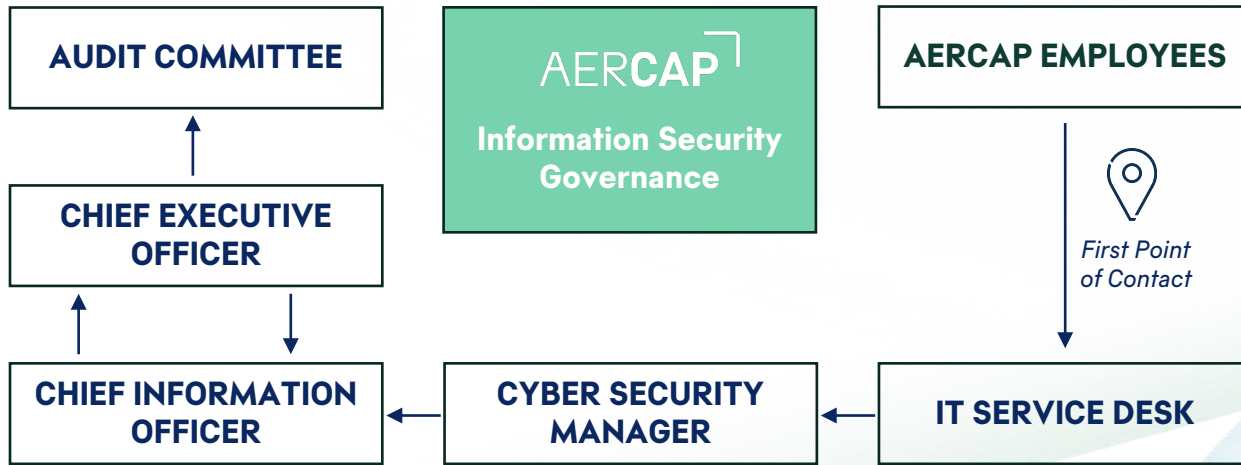
- No material/reported personal data breaches in 2022
- No breaches notified by suppliers in 2022
- No reporting to the Data Commissioner required
- Hundreds of malware and phishing attempts caught by IT

GDPR HANDBOOK

- The GDPR Handbook is a reference guide with detailed information and procedures in relation to the protection of personal data
- Applicable to the Privacy Leads and the Privacy Officer; available on request to all employees
- Contains information on data quality, the personal data register, data protection impact analyses and definitions relevant to GDPR

INFORMATION SECURITY

Robust infrastructure, policies and procedures in place to protect IT assets and sensitive information



Cyber Security Awareness Training covers areas such as:

- Personal digital footprint
- Privacy settings
- Phishing
- IT security at home and at work
- Ransomware
- Password hygiene
- Business email compromise



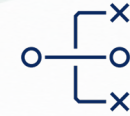
Code of Conduct on Use of IT infrastructure



IT Security and Cybercrime Policy



Regular tests for **Disaster Recovery** and **Business Continuity** Plans



Regular **vulnerability and penetration** testing



Annual IT and Cyber Security Training is required for all employees and contractors



24/7/365 Security Operation Center processes **aligned to NIST**



Audited externally by reputable global companies



best-of-breed, **leading security systems** and technology

RISK MANAGEMENT

Customer Credit Risk

- **Ongoing and rigorous monitoring** of airline credit is central to our portfolio management
- Risk team conducts **regular airline visits** to review and assess financial performance, business plans and fleet planning issues
- **Watch-list actively maintained** such that the most critical exposures within the Company may be readily identified and properly communicated

Balanced Decision Making

- Our scale gives us access to an **unparalleled level of data** and intelligence and gives us unrivalled visibility on market developments
- Cross-departmental teams meet to discuss lease, sale and purchase opportunities. Risks, rewards and economics are reviewed and strategies developed
- Thorough research allows for a **decisive and efficient decision-making process**
- Deals are reviewed and approved by members of our leadership team, with decisions of a certain type or scale requiring Board or shareholder approval

Business Continuity Plan

- AerCap's **Business Continuity Plan** deals with major business disruption events and involves multiple levels of management and departments
- Our **emergency management team** includes two members of the GEC, the Chief Information Officer, Head of HR, Head of Investor Relations and Head of Corporate Communications
- This plan is **available internally** to all employees

Supply Chain Management

- AerCap has a **global supply chain** supporting its long-term development and success
- We work closely with our suppliers and **set governance and performance standards** that they are required to meet
- AerCap's critical suppliers include the aircraft, engine and helicopter OEMs
- **Compliance review of all suppliers**, including initial KYC and AML checks and continuous monitoring
- **Strict anti-bribery and insider trading policies** covering all suppliers

TRANSPARENT TAX POLICIES

- AerCap Holdings N.V. is a Dutch incorporated company which is **tax-resident in Ireland**
- Our subsidiaries are subject to taxation in a number of jurisdictions, **principally in Ireland and in the United States**
- AerCap is committed to **effective tax risk management**. Our tax affairs are managed in line with rigorous standards of corporate governance
- In accordance with the AerCap Code of Conduct we are committed to managing our tax policy with **integrity** and in an **honest and responsible manner**
- The AerCap Tax Department consists of professionals who collectively have the **appropriate level of knowledge and skills** to manage AerCap's tax affairs and monitor tax risks across the business
- Due to the cross-border nature of our business, we are cognizant of potential risks which could arise. The AerCap Tax Department assists each entity within the AerCap group to **actively identify, monitor and manage tax risks on an ongoing basis**
- AerCap does not interpret tax laws in a manner that we believe is contrary to their intention and **we do not undertake tax planning which is unrelated to commercial transactions**
- We maintain an **open and honest relationship** with tax authorities. In addition, we place a **strong emphasis on transparency**, working with integrity and maintaining a collaborative and professional relationship with tax authorities
- Professional advice is obtained from qualified external advisers where the treatment of specific items is uncertain or complex. **We seek to comply with all relevant laws, rules, regulations, and reporting and disclosure requirements** in a manner that aligns with our tax policies

REPORTING APPROACH

EVALUATING OUR APPROACH

- We make an assessment to identify and evaluate the most important sustainability issues for AerCap and the wider global communities in which we operate
- This is a constantly evolving analysis that changes and is updated through regular engagement with our stakeholders and other expert bodies within the industry
- We disclose to, and are rated by, several ESG rating agencies and recognize that a company's sustainability performance as rated by these agencies is becoming an increasingly important component of stakeholder decision making
- We speak regularly to sustainability experts and seek their views on our approach to ESG and significant issues. We will continue to engage with the sustainability community with the goal of making sure our approach remains relevant and in line with best practices in the industry
- We welcome ongoing feedback and dialogue from our stakeholders, and queries should be directed to our Head of Investor Relations

STAKEHOLDERS

Investors & Lenders

Employees

Communities

Governments &
Regulators

Partners, Suppliers &
Customers

ESG RATING AGENCIES



20.5



A



37



D



41



D+



As of December 31, 2022.

STAKEHOLDER ENGAGEMENT

Stakeholders	Engagement	Our Approach
Investors	<ul style="list-style-type: none"> Quarterly public earnings calls as well as regular calls and meetings to update both equity and fixed income investors on AerCap's financial and operating performance Host one-on-one and group meetings with investors at industry and investment conferences ESG issues actively discussed with investors and ESG report publicly available on the Investor Relations section of our website Continuous investor communications through Investor Relations team and senior management Annual General Meeting of Shareholders held each year, open to all investors 	<ul style="list-style-type: none"> With investors returning to their offices during 2022, there was a significant increase in the number of in-person meetings conducted throughout the year. There were 154 in-person meetings in 2022 versus just 26 in 2021. Video conferencing continued to be a efficient method for the AerCap team to stay in close contact with shareholders. Hundreds of calls were conducted in 2022, allowing for a higher volume of interactions Senior executives participated in ~20 non-deal roadshows and several industry conferences throughout the year We continue to see increased ESG-related engagement from investors Wide range of corporate governance issues discussed and voted on during AGM Timely disclosure of all matters significant to the business according to SEC rules and other applicable laws and regulations Shareholder resources portal: https://www.aercap.com/investors/shareholder-services Single share class with equal voting rights
Governments, Regulators and Other Industry Participants	<ul style="list-style-type: none"> Dedicated Government Affairs function based in Brussels, focused on legislative developments and strategic matters emerging from Europe and beyond, in relation to aircraft leasing, air transport, aviation sustainability and ESG Participated in industry conferences to discuss regulatory matters affecting aircraft leasing and the air transportation sector Accounting and financial reporting in compliance with Sarbanes-Oxley ("SOX") requirements Regular SEC disclosures Report lobbying activities in accordance with local laws and regulations 	<ul style="list-style-type: none"> Through our newly established Government Affairs function in Brussels, we engage in regular and coordinated engagement with senior policymakers in the European Union and liaise on a variety of financial, aviation and decarbonization policy domains. Particular focus was established with senior officials from the European Commission Directorate of Mobility and Transport (DG MOVE), Directorate of Financial Stability, Financial Services and Capital Markets Union (DG FISMA), and Directorate for Trade (DG Trade), as well as representatives from Member States, Members of the European Parliament, and officials from the European Aviation Safety Agency (EASA) and EUROCONTROL. Engagement with Irish Government authorities was also strengthened during the year, as was engagement with U.S. authorities, such as the Federal Aviation Administration and US Departments of State and Commerce. Our Government Affairs team also helps coordination on engagement and regulatory affairs with other key industry stakeholders, such as airlines, manufacturers, lessors, industry bodies and technical regulators, including regular consultation on matters of common interest or emerging regulatory/sustainability interest Our financial reports are publicly available on our website and the SEC website We report our lobbying activities to the Irish Register of Lobbying every four months, declaring whether any lobbying activity was conducted and, if so, disclose the specific lobbying activity We made de minimis political contributions in 2022 All material litigation is disclosed in our SEC filings

STAKEHOLDER ENGAGEMENT

Stakeholders	Engagement	Our Approach
Customers	<ul style="list-style-type: none"> Lease new technology, fuel-efficient aircraft and work with airlines to transition to a lower carbon economy Enable airlines to grow in a cost-effective, flexible and sustainable way Offer expertise and advise on fleet planning, strategy and execution Celebrate landmark events with our customers 	<ul style="list-style-type: none"> We are the largest lessor in the world, ending 2022 with ~\$60 billion of lease assets ~66% of our aircraft fleet comprises new technology aircraft We serve ~300 airline customers in over 80 countries AerCap leases new technology aircraft to ~80 customers, an increase of ~7% from the prior year Dedicated leasing executives and technical teams Communicate our values and ethics through customer interaction Bespoke internal credit rating system monitoring risk exposure to all customers
OEMs and Other Suppliers	<ul style="list-style-type: none"> Dedicated and experienced OEM Relations team ESG factors incorporated in our supply chain management 	<ul style="list-style-type: none"> We work closely with the aircraft OEMs and purchased 72 new technology fuel-efficient aircraft for our owned portfolio in 2022 (100% of our owned aircraft deliveries were new technology) We have weekly video meetings with our larger OEM partners. At least once a quarter we will meet in person. A large part of this conversation is focused on our forward order, new technology aircraft We consider ESG factors in our service partner selection processes, such as avoiding single-use plastic and a preference for local suppliers in our catering services
Employees	<ul style="list-style-type: none"> Company-wide employee portal and email communications One-on-one employee meetings and interaction with senior executives Regular business updates to staff throughout the year Employee health and wellness initiatives Employee training and continuous development programs 	<ul style="list-style-type: none"> Quarterly Town Hall hosted by senior executives communicating financial results and issues impacting AerCap, and acts as a forum for employees' questions that can be submitted in advance or asked live on the day We seek to attract the top minds in aviation and continue to provide some of the most attractive packages in the industry, including competitive salaries, performance-based bonuses and a comprehensive benefit programs to all employees, supplemented by on-site health and wellness initiatives throughout the year All employees received a formal annual review in 2022, with their performance in 2022 evaluated and goals for the upcoming year clearly defined. Employees have regular check-ins with their managers throughout the year to help them make progress towards their goals and continue to feel motivated and supported In 2022, we launched a DEIB employee survey. In 2023, we'll be progressing our DEIB agenda through a number of initiatives to help identify and refine specific actions and activities AERHUB is our staff intranet where employees can find all the latest news and event information as well as key HR-related documents and applications and our Facilities Hub and IT Help & Support page We have comprehensive compliance policies and procedures covering all aspects of our business. Employees are required to participate in compliance training annually Our Code of Conduct is applicable to employees globally and covers matters of governance, risk management, social responsibility, etc. All employees are required to participate in mandatory IT security training annually; policy is available internally

STAKEHOLDER ENGAGEMENT

Stakeholders	Engagement	Our Approach
Lenders	<ul style="list-style-type: none"> Maintain strong relationships with diverse set of funding partners around the world Communicate our ESG progress to our funding partners Receive industry insights from our lenders regarding sustainable and/or green financing options 	<ul style="list-style-type: none"> Maintain lending relationships with more than 110 financial institutions in North America, EMEA and Asia Pacific Conducted hundreds of calls as well as meetings with lenders in 2022 Received formal ESG updates from several key banks in 2022. ESG was an agenda item in the majority of the discussions with lenders in 2022 Maintain diverse sources of funding Liquidity coverage target of 1.2x for next 12 months' committed uses
Other Industry Partners	<ul style="list-style-type: none"> Our experienced engine and cargo teams maintain excellent dialogue with our strategic partners in both of these business lines Continue to have active dialogue with other industry players regarding strategic partnerships in relation to a wide variety of aviation related issues 	<ul style="list-style-type: none"> We have a joint venture with Safran called Shannon Engine Support Ltd ("SES"), which is the leading supplier of spare engines for CFM International We partner with Boeing and AEI on the B737-800 cargo conversion program, and with IAI on the B777-300ER cargo conversion program Ongoing identification of opportunities to further align and partner with other players in the industry
Community and NGOs	<ul style="list-style-type: none"> Support a range of charities each year in our communities Corporate Social Responsibility Program in place that encourages employees to engage with their local communities. AerCap matches funds to boost those initiatives Support educational initiatives to nurture the next generation of talent for the industry 	<ul style="list-style-type: none"> AerCap's CSR Committee runs a large number of charitable initiatives in our global offices, supporting causes that were aligned to these themes. We partner with local communities in projects to the benefit of communities across Ireland, as described in this report 2022 was the seventh year of our sponsorship of University College Dublin ("UCD") Michael Smurfit Graduate Business School's MSc in Aviation Finance Program. It was also the second year of our scholarship program with Thailand's Chulalongkorn University, Faculty of Engineering, a world-class leader in aerospace engineering education. 2022 was the fourth year of AerCap's Women in Aviation scholarship program with the University of Limerick. The program began in 2019 and aims to create awareness amongst female students of Aeronautical Engineering as a career option and encourage more women to join the industry We match the funds raised by AerCap employee efforts for the benefit of local projects (subject to certain limits)

GRI CONTENT INDEX

GLOBAL REPORTING INITIATIVE ("GRI") CONTENT INDEX

This report has been prepared in accordance with the GRI Standards. Disclosures corresponding to GRI Standards that are relevant and important to AerCap and our stakeholders can be found after the general disclosures in the index below

GRI Standard	GRI Defined Disclosure	Location
General Disclosures		
	2-1 Organizational details	AerCap Holdings N.V. (commonly known as "AerCap"). AerCap is a Dutch incorporated company which is centrally managed and controlled from Ireland. Our headquarters is in Dublin, Ireland. We are a publicly-listed company and our ordinary shares are listed on the New York Stock Exchange. Our main offices are based in Ireland, the United States and Singapore, exact locations can be found on our website here: https://www.aercap.com/contact
	2-2 Entities included in the organization's sustainability reporting	AerCap ESG Report 2022, P2. Reporting Scope
	2-3 Reporting period, frequency and contact point	Reporting Frequency: Annual. This report covers January 1, 2022 to December 31, 2022, unless otherwise noted. Contact: Joseph McGinley, Head of Investor Relations (jmcginley@aercap.com)
GRI 2: General Disclosures 2021	2-4 Restatements of information	From 2019-2021, we incorrectly allocated Gas to our Scope 2 Emissions. This has been corrected for 2021 and Gas now forms part of our Scope 1 Emissions for that year. In 2019 and 2020, we were unable to accurately allocate emissions between Scope 1 and Scope 2 and as such we have not disclosed these emissions. AerCap ESG Report 2022, P22. Carbon Emissions Disclosures
	2-5 External assurance	We did not seek external assurance for this report. The report has been reviewed and approved by our Board-level ESG Committee, as well as Compliance and Internal Audit.
	2-6 Activities, value chain and other business relationships	AerCap is the industry leader across all areas of aviation leasing - aircraft, engines and helicopters. More information about our activities and services is available at our website here: https://www.aercap.com/our-business/overview We serve ~300 customers in more than 80 countries, with customers in the Americas, EMEA and APAC regions. The breakdown of our geographic exposure can be found on page 29 of our 2022 20-F. Our critical suppliers include the aircraft Original Equipment Manufacturers ("OEMs") (Airbus, Boeing, Embraer), the engine OEMs (GE, Safran, Rolls-Royce, CFM) and the helicopter OEMs. Other suppliers include aircraft specification providers and maintenance service providers. As well as catering and other management service providers for our global office operations. Other relevant business relationships include the joint venture we have with Shannon Engine Support ("SES") and the partnerships we have in our cargo business for conversion programs with Boeing, Aeronautical Engineers Inc. ("AEI") and Israel Aerospace Industries Group ("IAI")

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
General Disclosures		
	2-7 Employees	Total number of employees and geographic breakdown: 2022 20-F P76. Employees Gender breakdown: 56% male, 44% female (by headcount, permanent employees only) AerCap ESG Report 2022, P27. Our Employees
	2-8 Workers who are not employees	AerCap has a number of contractors working in our various offices, the exact number of these employees is not something we disclose publicly.
	2-9 Governance structure and composition	2022 20-F, P68-71. Board Practices AerCap Website: https://www.aercap.com/about-us/board-of-directors AerCap ESG Report 2022, P37-42. Board of Directors and Committees, ESG Governance Structure
GRI 2: General Disclosures 2021	2-10 Nomination and selection of the highest governance body	Articles of Association of AerCap Holdings, P33, Article 15, Board of Directors 2022 20-F, P68. Board Practices, General 2022 20-F, P70. Nomination and Compensation Committee Profile of the Non-Executive Directors of the Board of Directors is available on the AerCap website here: https://www.aercap.com/esg/governance-documents
	2-11 Chair of the highest governance body	Mr. Paul Dacier, Non-Executive Chairman of the Board of Directors 2022 20-F, P59-60. Directors and Officers
	2-12 Role of the highest governance body in overseeing the management of impacts	2022 20-F, P71. ESG Committee ESG Committee Board Rules available on the AerCap website: https://www.aercap.com/about-us/board-of-directors#board-committees AerCap ESG Report 2022, P42. ESG Governance Structure
	2-13 Delegation of responsibility for managing impacts	AerCap ESG Report 2022, P42. ESG Governance Structure The Board-level ESG Committee has delegated execution and ongoing engagement on ESG matters to the ESG Management Committee. The ESG Management Committee comprises seven senior executives including AerCap's Chief Financial Officer, Company Secretary and Chief Compliance Officer, General Counsel, Head of Human Resources and Head of Investor Relations

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
General Disclosures		
	2-14 Role of the highest governance body in sustainability reporting	The ESG Committee is responsible for reviewing and approving the ESG Report and other relevant information or disclosures in the 20-F related to Sustainability. The ESG Report and 20-F are sent to the Committee members for review alongside the supporting data, any comments or concerns are discussed, amendments made and a second review is completed by Committee members in advance of any public disclosure
	2-15 Conflicts of interest	Related party transactions (and related conflict of interest risks) are monitored closely by both management and the Board. Processes include annual confirmations from relevant parties and regular compliance and Internal Audit reviews. Approval is required upon the identification of new related party transactions or relevant changes in circumstances. On the limited occurrence of related party transactions, disclosure of such matters to the relevant Boards is done on a case-by-case basis. The relevant board also discuss related party matters annually, including with reference to the annual confirmation process. External disclosure of related party transactions is part of the Company's detailed corporate governance and financial reporting close processes.
	2-16 Communication of critical concerns	Whistle Blower Policy is available on the AerCap website: https://www.aercap.com/esg/governance-documents
	2-17 Collective knowledge of the highest governance body	AerCap ESG Report 2022, P38. AerCap Board of Directors AerCap ESG Report 2022, P41. Board Experience AerCap ESG Report 2022, P42. ESG Governance Structure
GRI 2: General Disclosures 2021	2-18 Evaluation of the performance of the highest governance body	Dutch GAAP Annual Report 2022 P28, Self-assessment of the Board's performance
	2-19 Remuneration policies	2022 20-F, P64-67. Compensation of non-executive directors and Executive compensation Dutch GAAP Annual Report 2022 P43-44. Remuneration Report Remuneration Policy for AerCap's Board of Directors is available on the AerCap website: https://www.aercap.com/esg/governance-documents
	2-20 Process to determine remuneration	2022 20-F, P70. Nomination and Compensation Committee AerCap Board Rules, P6. 2.4 Remuneration
	2-21 Annual total compensation ratio	Dutch GAAP Annual Report 2022 P43. Pay ratio
	2-22 Statement on sustainable development strategy	AerCap ESG Report 2022, P3. A Message from our ESG Committee Chair AerCap ESG Report 2022, P4. CEO Message

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
General Disclosures		
GRI 2: General Disclosures 2021	2-23 Policy commitments	Relevant policies can be found on the AerCap website: https://www.aercap.com/esg/governance-documents AerCap ESG Report 2022, P43-45. Ethics, Compliance, Policies and Procedures AerCap ESG Report 2022, P49. Risk Management (Supply Chain Management) AerCap ESG Report 2022, P10. Aligning Our Actions with the UN's SDGs AerCap ESG Report 2022, P26. Diversity and Inclusion
	2-24 Embedding policy commitments	AerCap ESG Report 2022, P43-45. Ethics, Compliance, Policies and Procedures AerCap Code of Conduct and other relevant policies are available on the AerCap website: https://www.aercap.com/esg/governance-documents All employees are required to complete annual compliance training which covers all key compliance areas.
	2-25 Processes to remediate negative impacts	AerCap ESG Report 2022, P51-55. Reporting Approach
	2-26 Mechanisms for seeking advice and raising concerns	AerCap Whistleblower Policy for Financial and Non-Financial Matters available on the AerCap website: https://www.aercap.com/esg/governance-documents
	2-27 Compliance with laws and regulations	None in the reporting period.
	2-28 Membership associations	AerCap is a member of The Ireland-US Council, Aircraft Leasing Ireland (ALI), American Chamber of Commerce, Irish Chamber of Commerce (Singapore), Limerick Chamber of Commerce, IATA, ALTA, CAPA, the Aviation Working Group, ASPA, Association of South Pacific Airlines, and ISTAT.
	2-29 Approach to stakeholder engagement	AerCap ESG Report 2022, P52-55. Stakeholder Engagement
	2-30 Collective bargaining agreements	2022 20-F, P73.

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Material Topics		
GRI 3: Material Topics 2021	3-1 Process to determine material topics	AerCap ESG Report 2022, P52-56. Reporting Approach
	3-2 List of material topics	AerCap ESG Report 2022, P56. Material Issues
Economic Performance		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F, P4-24. Risk Factors AerCap ESG Report 2022, P7-9. Our Approach to ESG Risk Factors
	201-1 Direct economic value generated and distributed	2022 20-F, F-6. AerCap N.V. and Subsidiaries, Consolidated Income Statements. Notes to the Consolidated Financial Statements, beginning on F-12
	201-2 Financial implications and other risks and opportunities due to climate change	2022 20-F, P4-24. Risk Factors AerCap ESG Report 2022, P7 Our Approach to ESG Risk Factors - Environmental
	201-3 Defined benefit plan obligations and other retirement plans	2022 20-F, F-52. Post-retirement benefit plans
GRI 201: Economic Performance 2016	201-4 Financial assistance received from government	None in the reporting period.
Indirect economic impacts		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F P4-24. Risk Factors AerCap ESG Report 2022, P7-9. Our Approach to ESG Risk Factors
	203-1 Infrastructure investments and services supported	AerCap ESG Report 2022, P17-18. Fleet Transformation AerCap ESG Report 2022, P31-35. CSR Outreach at AerCap
GRI 203: Indirect Economic Impacts 2016		AerCap ESG Report 2022, P10. Aligning our Actions with the UN's SDGs AerCap ESG Report 2022, P12. Understanding Aviation's Environmental Impact AerCap ESG Report 2022, P24. Understanding Aviation's Contribution to Society AerCap ESG Report 2022, P25. Supporting Our Local Community and Education AerCap ESG Report 2022, P31-35. CSR Outreach at AerCap
	203-2 Significant indirect economic impacts	

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Anti-corruption		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F, P4-24. Risk Factors AerCap ESG Report 2022, P37-42. AerCap's Experienced Board of Directors AerCap ESG Report 2022, P9. Our Approach to ESG Risk Factors - Governance AerCap ESG Report 2022, P53-55. Stakeholder Engagement Relevant governance documents are available on the AerCap website: https://www.aercap.com/esg/governance-documents AerCap ESG Report 2022, P43-45. Ethics, Compliance and Compliance Policies and Procedures
	205-1 Operations assessed for risks related to corruption	Corruption is assessed as part of AerCap's overall annual risk assessment and covers 100% of our locations, risks identified through this assessment can be found on P4-24 of the 2022 20-F (Risk Factors). Anti-corruption is included in our training and that we have a top-down driven zero-tolerance culture
GRI 205: Anti-corruption 2016	205-2 Communication and training about anti-corruption policies and procedures	AerCap ESG Report 2022, P43. Ethics and Compliance Applicable policies and procedures are available to all employees on the company intranet AerCap Code of Conduct is available on the AerCap website: https://www.aercap.com/esg/governance-documents
	205-3 Confirmed incidents of corruption and actions taken	AerCap ESG Report 2022, P43. Ethics and Compliance. No incidents in 2022.
Anti-competitive behaviour		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F, P4-24. Risk Factors AerCap ESG Report 2022, P31-42. AerCap's Experienced Board of Directors AerCap ESG Report 2022, P9. Our Approach to ESG Risk Factors - Governance AerCap ESG Report 2022, P53-55. Stakeholder Engagement Relevant governance documents are available on the AerCap website: https://www.aercap.com/esg/governance-documents AerCap ESG Report 2022, P43-45. Ethics, Compliance and Compliance Policies and Procedures
GRI 206: Anti-competitive Behavior 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	None in the reporting period.

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Energy		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F P4-24. Risk Factors AerCap ESG Report 2022, P42. ESG Governance Structure ESG Committee Charter available on the AerCap website: https://www.aercap.com/about-us/board-of-directors#board-committees AerCap ESG Report 2022, P7. Our Approach to ESG Risk Factors - Environmental AerCap ESG Report 2022, P58. Significant Issues and Our Approach - Environmental
GRI 302: Energy 2016	302-1 Energy consumption within the organization	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures - Scope 1 and Scope 2 Emissions AerCap ESG Report 2022, P20. Efficient AerCap Operations
	302-2 Energy consumption outside of the organization	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures - Scope 3 Emissions (Downstream Leased Assets (owned aircraft only) and Business Travel)
	302-3 Energy intensity	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures - Owned Aircraft Emissions Intensity AerCap ESG Report 2022, P18. Fleet Emissions Reduction
	302-4 Reduction of energy consumption	AerCap ESG Report 2022, P17-18. Fleet Transformation and Fleet Emissions Reduction AerCap ESG Report 2022, P20. Efficient AerCap Office Operations
	302-5 Reductions in energy requirements of products and services	AerCap ESG Report 2022, P17-18. Fleet Transformation and Fleet Emissions Reduction
Emissions		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F P4-24. Risk Factors AerCap ESG Report 2022, P42. ESG Governance Structure ESG Committee Charter available on the AerCap website: https://www.aercap.com/about-us/board-of-directors#board-committees AerCap ESG Report 2022, P7. Our Approach to ESG Risk Factors - Environmental
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures
	305-2 Energy indirect (Scope 2) GHG emissions	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures
	305-3 Other indirect (Scope 3) GHG emissions	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures
	305-4 GHG emissions intensity	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures AerCap ESG Report 2022, P18. Fleet Emissions Reduction

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Emissions (continued)		
GRI 302: Emissions 2016	305-5 Reduction of GHG emissions	AerCap ESG Report 2022, P22. Carbon Emissions Disclosures AerCap ESG Report 2022, P18. Fleet Emissions Reduction AerCap ESG Report 2022, P21. Offsetting our Unavoidable Emissions
	305-6 Emissions of ozone-depleting substances (ODS)	Not currently assessed
	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Not currently assessed
Employment		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F P34-36. Sustainability and Community AerCap ESG Report 2022, P8. Our Approach to ESG Risk Factors - Social AerCap ESG Report 2022, P26. Diversity and Inclusion
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	New Hires: 131 (62 Female / 69 Male) Employee Turnover: Not Publicly Disclosed
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	AerCap ESG Report 2022, P28-29. Talent Retention and Attraction, Employee Wellbeing
	401-3 Parental leave	Not currently assessed
Occupational health and safety		
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap's operations are conducted predominantly from offices, and as such the risk of physical harm in the workplace is limited. However, AerCap acknowledges that healthy and safe work conditions are a basic human right and we strive to take appropriate steps to prevent the physical or mental harm of our employees. AerCap ESG Report 2022, P42. ESG Governance Structure ESG Committee Charter available on the AerCap website: https://www.aercap.com/about-us/board-of-directors#board-committees AerCap ESG Report 2022, P30. Health and Safety AerCap ESG Report 2022, P26. Diversity and Inclusion AerCap ESG Report 2022, P29. Employee Wellbeing
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	AerCap ESG Report 2022, P30. Health and Safety (Safe Workplace)

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Occupational health and safety (continued)		
GRI 403: Occupational Health and Safety 2018	403-2 Hazard identification, risk assessment, and incident investigation	Policies and processes available internally for all employees
	403-3 Occupational health services	AerCap ESG Report 2022, P29. Employee Wellbeing
	403-4 Worker participation, consultation, and communication on occupational health and safety	All employees are invited to participate in First Aid and Fire Warden Training. There is a copy of AerCap's Health and Safety Statement available internally for all employees, as well as emergency escape route plans.
	403-5 Worker training on occupational health and safety	There are employee representatives in all offices who are qualified Occupational Fire Wardens and Occupational First Aiders, these employees are identified and known to all staff in the event of an accident.
	403-6 Promotion of worker health	AerCap ESG Report 2022, P29. Employee Wellbeing AerCap ESG Report 2022, P28. Talent Retention and Attraction
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	AerCap's operations are conducted predominantly from offices, and as such the risk of physical harm in the workplace is limited.
	403-8 Workers covered by an occupational health and safety management system	Information unavailable at the time of reporting.
	403-9 Work-related injuries	None in the reporting period. AerCap ESG Report 2022, P30. Health and Safety (Safe Workplace)
	403-10 Work-related ill health	None in the reporting period.
	Training and education	
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap ESG Report 2022, P8. Our Approach to ESG Risk Factors - Social
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	Not currently assessed
	404-2 Programs for upgrading employee skills and transition assistance programs	AerCap ESG Report 2022, P28. Talent Retention and Attraction
	404-3 Percentage of employees receiving regular performance and career development reviews	AerCap ESG Report 2022, P28. Talent Retention and Attraction. 100% of employees

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Diversity and equal opportunity		
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap ESG Report 2022, P8. Our Approach to ESG Risk Factors - Social AerCap ESG Report 2022, P26. Diversity and Inclusion AerCap Dutch GAAP Annual Report 2022, P31. Gender Diversity
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	AerCap ESG Report 2022, P27. Our Employees
	405-2 Ratio of basic salary and remuneration of women to men	AerCap Gender Pay Gap Report 2022 is available on our website: https://www.aercap.com/esg/governance-documents
Non-discrimination		
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap ESG Report 2022, P8. Our Approach to ESG Risk Factors - Social AerCap ESG Report 2022, P26. Diversity and Inclusion AerCap ESG Report 2022, P30. Health and Safety, Respect and Dignity
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	None in the reporting period.
Local communities		
GRI 3: Material Topics 2021	3-3 Management of material topics	2022 20-F P34-36. Sustainability and Community AerCap ESG Report 2022, P8. Our Approach to ESG Risk Factors - Social AerCap ESG Report 2022, P25. Supporting Our Local Community and Education
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	AerCap ESG Report 2022, P31-35. CSR at AerCap
	413-2 Operations with significant actual and potential negative impacts on local communities	AerCap ESG Report 2022, P24. Understanding Aviation's Contribution to Society

GRI CONTENT INDEX

GRI Standard	GRI Defined Disclosure	Location
Public policy		
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap ESG Report 2022, P7-9. Our Approach to ESG Risk Factors AerCap ESG Report 2022, P15. Collective Effort Key to Achieving ESG Goals AerCap ESG Report 2022, P45. Disclosure of Lobbying Activity AerCap ESG Report 2022, P53. Stakeholder Engagement (Governments, Regulators and Other Industry Participants)
GRI 415: Public Policy 2016	415-1 Political contributions	https://www.lobbying.ie/return/66037/aercap-holdings-nv AerCap ESG Report 2022, P45. Disclosure of Lobbying Activity
Customer health and safety		
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap ESG Report 2022, P30. Health and Safety (Safe Products) AerCap ESG Report 2022, P41. Board Experience AerCap ESG Report 2022, P42. ESG Governance Structure
GRI 416: Customer Health and Safety 2016	416-1 Assessment of the health and safety impacts of product and service categories	AerCap ESG Report 2022, P30. Health and Safety (Safe Products)
	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	None in the reporting period.
Customer privacy		
GRI 3: Material Topics 2021	3-3 Management of material topics	AerCap ESG Report 2022, P47. Privacy and Data Protection AerCap ESG Report 2022, P48. Information Security
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	None in the reporting period.

SUPPLEMENTAL INFORMATION

ENDNOTES

PAGE 3: A MESSAGE FROM OUR ESG COMMITTEE CHAIR

1. ATAG (Aviation: Benefits Beyond Borders, 2020).

PAGE 4: CEO MESSAGE

1. Includes legacy GECAS investments in new technology aircraft.

PAGE 5: ABOUT AERCAP

1. Owned and managed aircraft, engines and helicopters.
2. Includes legacy GECAS investment in new technology aircraft.

PAGE 6: ESG HIGHLIGHTS FOR 2022

1. As a % of net book value ("NBV") of our owned fleet; new technology includes A320neo Family, A220, A350, A330neo, B737MAX, B787 and E190/195-E2 aircraft.

PAGE 7: OUR APPROACH TO ESG RISK FACTORS – ENVIRONMENTAL

1. As a % of NBV of our owned fleet.

PAGE 12: UNDERSTANDING AVIATION'S ENVIRONMENTAL IMPACT

Source: Airbus, IATA, ATAG

PAGE 13: INDUSTRY EFFORTS

1. Airbus, Boeing, Embraer.
2. Net Zero 2050: Sustainable Aviation Fuels Factsheet, IATA.
3. Science-Based Targets Initiative Companies Taking Action Report, downloaded March 13, 2023.

PAGE 14: AERCAP'S ROLE IN THE DECARBONIZATION OF AVIATION

1. As of December 31, 2022. As a % of NBV of our owned fleet.
2. Business travel emissions form part of our Scope 3 emissions.

PAGE 15: COLLECTIVE EFFORT KEY TO ACHIEVING ESG GOALS

1. GFANZ Roundtable focused on aircraft finance.

PAGE 16: PROGRESSIVELY MODERNIZING OUR FLEET

Source: Airbus, Boeing, Embraer.

Comparisons: Boeing 787 vs. Boeing 767-300ER; Airbus A350-900 vs. B777-200ER; Boeing 737-9 MAX vs. Boeing 737-900ER; Airbus A330-900neo vs. Airbus A330 (NOx and noise) and B767-300ER (fuel consumption); Airbus A321neo vs. Airbus A321ceo; Airbus A320neo vs. Airbus A320ceo; A220-300 vs. Embraer 195-E1 and Airbus A319ceo; Embraer 195-E2 vs. Embraer 195-E1.

CAEP = Committee on Aviation Environmental Protection (a technical committee of the ICAO Council).

EPNdB = Effective Perceived Noise Decibel.

PAGE 17: OUR FLEET TRANSFORMATION

1. As a % of NBV of our owned fleet.
2. Current technology narrowbody includes A320 Family, 737NG, Embraer E170/175, ATR and De Havilland Canada DHC-8-400; current technology widebody includes B777, Airbus A330; previous technology aircraft includes B757, B767.
3. As of June 30, 2014; December 31, 2018; and December 31, 2022, respectively, including flight equipment held for operating lease, investment in finance leases, net and flight equipment held for sale.

PAGE 18: FLEET EMISSIONS REDUCTION

1. Emissions Intensity is calculated as CO2 emissions in tonnes divided by total lease revenue in millions (\$).
2. Total investment includes legacy GECAS investments in new technology aircraft since 2015.
3. Airbus, Boeing, Embraer.

PAGE 19: CIRCULAR ECONOMY AND AVIATION

1. AFRA = Aircraft Fleet Recycling Association.

PAGE 20: EFFICIENT AERCAP OPERATIONS

1. Renewable electricity usage available for offices representing ~77% of all permanent employees; where breakdown is unavailable, we assume zero renewable energy.
2. Representing 67% of all permanent employees.
3. Total waste generated includes an estimate for locations where data is not available based on headcount of permanent employees and/or size, representing 28% of the total waste generated. Total waste breakdown estimate: Dry mixed recycling (~25 tonnes), mixed general waste (~30 tonnes), food brown bin waste (~20 tonnes) and glass waste (~2 tonnes)
4. Total water usage includes an estimate for locations where data is not available based on headcount of permanent employees and/or size, representing 18% of the total water usage.

PAGE 22: CARBON EMISSIONS DISCLOSURES

1. Location-based. Emissions calculated using DEFRA GHG Conversion Factors 2022; CO2e includes CO2, CH4 and N2O. Total includes an estimate for locations where data is not available based on headcount of permanent employees and/or size, representing ~31% of the total emissions generated by gas. Assumes 1000kg in 1 tonne.
2. Please note, gas was incorrectly allocated to Scope 2 emissions in 2021, this has been amended in this report.
3. Location-based. Emissions calculated using DEFRA GHG Conversion Factors 2022; CO2e includes CO2, CH4 and N2O. Total includes an estimate for locations where data is not available based on headcount of permanent employees and/or size, representing ~4% of the total emissions generated by purchased electricity. Assumes 1000kg in 1 tonne.
4. IBA InsightIQ Carbon Emissions Calculator, rounded to nearest 100,000 tonnes. CO2 only.
5. Emissions calculated using DEFRA Conversion Factors 2021 (with radiative force); CO2e includes CO2, CH4 and N2O.
6. Emissions Intensity is calculated as CO2 Emissions (in tonnes) divided by total lease revenue (in millions \$).

Please Note: We will endeavour to increase the amount of data we collect from our office locations to improve the accuracy of our emissions reporting; however, it is likely that some assumptions or estimations will be made in future reports.

PAGE 24: UNDERSTANDING AVIATION'S CONTRIBUTION TO SOCIETY

1. Calculated as a % of AerCap's 2022 lease revenue.

Source: ATAG (Aviation: Benefits Beyond Borders, 2020). This report refers to 2018 and 2019 (i.e. pre-pandemic) statistics, once a more up to date analysis is completed, we will endeavour to update this slide to improve its relevance.

ENDNOTES

PAGE 27: OUR EMPLOYEES

All data is as of December 31, 2022 or for the year 2022, unless otherwise stated. Permanent employees only.

1. Includes United Arab Emirates, United Kingdom, China, the Netherlands, France, Italy and Belgium.

PAGE 28: TALENT RETENTION AND ATTRACTION

1. Peer group for comparison purposes: AAR Corp., Air Lease Corporation, Ashtead Group Plc, Atlas Air Worldwide Holdings, Inc., BlackRock, Inc., BOC Aviation Limited, Credit Suisse Group AG, Deutsche Bank AG, Element Fleet Management Corp, Equinix, Inc., Finning International Inc., First Citizens BancShares, Inc., GATX Corporation, Herc Holdings, Inc., Morgan Stanley, Northern Trust Corporation, Prologis, Inc., Public Storage, Ryder System, Inc., Schroders Plc, Simon Property Group, Inc., State Street Corporation, T. Rowe Price Group, Inc, Toromont Industries Ltd., Triton International Ltd., UBS Group AG, United Rentals, Inc., Wells Fargo & Company, Willis Lease Finance Corporation

PAGE 30: HEALTH AND SAFETY

1. TRIR is the Total Recordable Injury Rate and is defined by OSHA as Number of Incidents x 200,000 / Total Number of Hours Worked in a Year. LTFR is the Lost-Time Injury Frequency Rate and is defined as the number of lost time injuries that occurred during the reporting period per 1 million man-hours worked.

PAGE 40: BOARD INDEPENDENCE AND DIVERSITY

As of December 31, 2022.

1. As of December 31, 2022, three of our non-executive directors (out of a total of ten) had served on our Board in excess of 12 years, which is longer than recommended by the best practice provisions in the Dutch Code. We believe that the current composition of the Board enables it to operate effectively and independently and secures continuity on the Board, which furthers long-term value creation for shareholders and other stakeholders.

PAGE 41: BOARD EXPERIENCE

As of December 31, 2022.

1. As of December 31, 2022, three of our non-executive directors (out of a total of ten) had served on our Board in excess of 12 years, which is longer than recommended by the best practice provisions in the Dutch Code. We believe that the current composition of the Board enables it to operate effectively and independently and secures continuity on the Board, which furthers long-term value creation for shareholders and other stakeholders.
2. Following the GECAS Transaction, GE has the right to nominate (but not elect) two directors to AerCap's Board as long as GE owns 10% or more of the ordinary shares, and the right to nominate (but not elect) one director as long as GE holds any shares.
3. Public company defined as a company with publicly listed shares.
4. Current or previous CEO/CFO experience in a public company (defined as above).

PAGE 45: SPOTLIGHT ON COMPLIANCE POLICIES AND PROCEDURES

1. <https://www.lobbying.ie/return/66037/aercap-holdings-nv>

FORWARD LOOKING STATEMENTS AND NON-GAAP FINANCIAL INFORMATION

This presentation contains certain statements, estimates and forecasts with respect to future performance and events. These statements, estimates and forecasts are "forward-looking statements". In some cases, forward-looking statements can be identified by the use of forward-looking terminology such as "may," "might," "should," "expect," "plan," "intend," "will", "aim", "estimate," "anticipate," "believe," "predict," "potential" or "continue" or the negatives thereof or variations thereon or similar terminology. Any statements other than statements of historical fact included in this presentation are forward-looking statements and are based on various underlying assumptions and expectations and are subject to known and unknown risks, uncertainties and assumptions and may include projections of our future financial performance based on our growth strategies and anticipated trends in our business. These statements are only predictions based on our current expectations and projections about future events, including the impacts of, and associated responses to: the Ukraine Conflict; our ability to realize anticipated synergies and cost savings from the GECAS transaction; and the impact of the consummation of the GECAS transaction on relationships, including with employees, suppliers, customers and competitors. There are important factors that could cause our actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied in the forward-looking statements. As a result, we cannot assure you that the forward-looking statements included in this presentation will prove to be accurate or correct.

Further information regarding these and other risks is included in AerCap's annual report on Form 20-F and other filings with the United States Securities and Exchange Commission. In light of these risks, uncertainties and assumptions, the future performance or events described in the forward-looking statements in this presentation might not occur.

Accordingly, you should not rely upon forward-looking statements as a prediction of actual results and we do not assume any responsibility for the accuracy or completeness of any of these forward-looking statements. Except as required by applicable law, we do not undertake any obligation to, and will not, update any forward-looking statements, whether as a result of new information, future events or otherwise.

No warranty or representation is given concerning such information, which must not be taken as establishing any contractual or other commitment binding upon AerCap Holdings N.V. or any of its subsidiaries or associated companies.

The standards of measurement and performance contained in this report are developing and may be based on assumptions, estimates or information collected on a delayed or incomplete basis. The inclusion of information in this report is not an indication that we deem such information to be material or important to an understanding of our business or an investment decision with respect to our securities.

Due to rounding, numbers presented throughout this document may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

