



*Promoting the safe and effective
use of powered access worldwide*

ANNUAL REPORT 2022

www.ipaf.org/annual-report



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INFO
EURO PLATFORM

ABOUT IPAF

The International Powered Access Federation (IPAF) promotes the safe and effective use of powered access equipment worldwide – through providing technical advice and information; through influencing and interpreting legislation and standards; and through its safety initiatives and training programs.

IPAF is a not-for-profit organisation owned by its members, which include manufacturers, rental companies, distributors, contractors and users. IPAF has members in 80 countries, who represent the majority of the MEWP rental fleet and manufacturers worldwide.

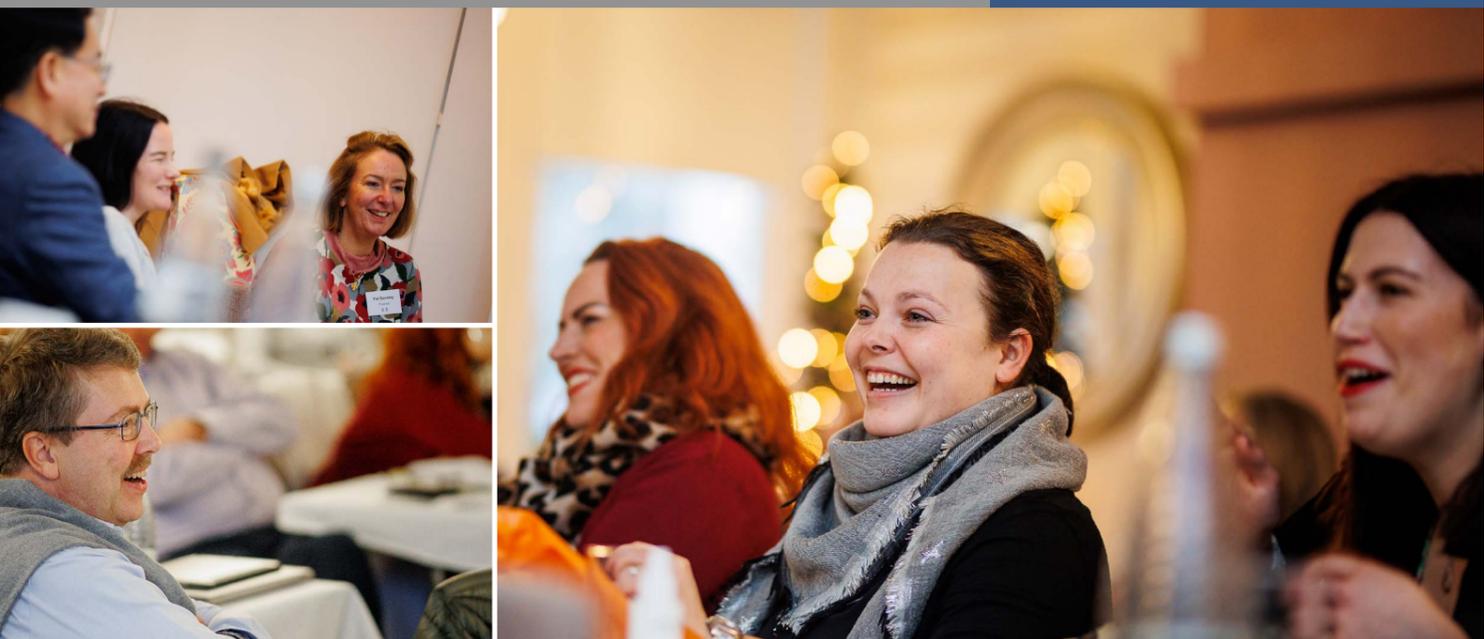
Visit www.ipaf.org/contact for details of your nearest office or representative.

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PRESIDENT'S REPORT

Karin Nars

IPAF President



WHEN THINGS GET TOUGH, PEOPLE MATTER THE MOST

In March 2022, I had the honour of being elected the first female President of IPAF. At the time, we were edging towards the end of the pandemic, while new challenges and uncertainties were appearing on the horizon. Russia had invaded Ukraine and the cost of energy and raw materials began to skyrocket. Like so many others, I felt that nothing can ever be taken for granted. Reality was showing us that it can surprise us in the most unexpected ways.

Yet, despite this, the past year has also shown that the world can come together in turbulent times. For me, the overriding message has been that when things get tough, people matter the most. Not only did we start meeting each other face-to-face again, we celebrated our organisation and industry in full force in March. We shook hands, welcomed new members and recognised that no screen can truly replace the importance of interacting with others in person.

In fact, the record attendance at the IPAF summit and IAPAs in London gave us good reason to take pride in everything we have achieved together in the past few years, and to appreciate how we are a forward-looking industry not just in words, but in actions too.

For instance, during 2022 we launched IPAF's Women in Powered Access Initiative to recognise and celebrate the contributions of women to our industry, as well as to highlight career paths for women already working in powered access or those looking to enter it. Through the initiative, we seek to improve inclusion in our industry and share different perspectives in a supportive environment.

Powered access, like so many other industries, suffers from a shortage of skilled labour, thereby making it imperative that we continue to focus on how our industry is communicated to prospective employees. I want us to continue to bring more people into the conversation surrounding safety in our industry. I strongly believe that everybody can and should contribute to safety in powered access.

Here, special credit goes to IPAF's CEO and MD Peter Douglas and his team for the fantastic work they have done to promote

inclusivity and safety in our industry. We surpassed pre-covid record training numbers, with almost 200,000 people participating in IPAF training in 2022, in 56 countries. IPAF added 245 new members, with now 1,638 IPAF members worldwide. We should take pride in this achievement. Real change has always come from the people inside our industry: their continued willingness to explore new ideas and put to them to work to the benefit of everyone.

In the past year, we have also continued to work on our long-term strategy with ongoing projects that cover the digitalisation of training processes and the continued development of the ePal app. Since its launch, ePal has become an effective tool for helping gather actionable information about near misses and improving overall safety in our industry. Moreover, our global incident reporting portal and online Global Safety Report has helped us and our members take advantage of safety-related insights from an incredible range of work environments.

In 2023, we are celebrating the 40th anniversary of IPAF. Looking back, it is safe to say that the world and our industry have changed in ways few of us could have imagined. Nevertheless, we have the same passion, commitment and perseverance as we have always had. We share a great purpose – to bring every person working at height safely back to their families at the end of the working day. That has never changed.

IPAF has always been a global organisation. At the end of 2022, I had the honour of meeting Paul Adorian, the founder and first member of IPAF. He understood well that if we want to improve safety in our industry, we need to act on many levels. Share what we have learned with everyone, yet also support people and companies locally. Safety, I believe, is always local in application, global in relevance. We should never lose sight of that.

Finally, I want to thank IPAF members, partners and staff for your commitment to the powered access industry. With continued hard work and co-operation, we will make a difference every single day. Thank you!

“ In 2022 we launched IPAF's Women in Powered Access Initiative to recognise and celebrate the contributions of women to our industry, as well as to highlight career paths for women already working in powered access or those looking to enter it. ”

CEO'S REPORT

Peter Douglas

IPAF CEO & Managing Director



AN OUTSTANDING YEAR AMID TURBULENT TIMES

It is fair to say that 2022 was an outstanding year for IPAF. In terms of training delivery, number of members, geographical reach and successes against key objectives, the federation far exceeded what we budgeted for, and in many cases broke records.

We have been able to sustain our post-pandemic momentum, delivering benefits to the industry, reinvesting in our business, systems and people, and continuing giving back to our members, in terms of rebated training administration charges and improving the overall value-for-money and support membership offers.

As a whole, 2022 was something of a rollercoaster. Just as the world began to emerge from the shadow of the pandemic, with a return to in-person events and face-to-face meetings, Russia's unprovoked invasion of Ukraine only served to exacerbate increasing economic pressures, affecting everything from energy and fuel prices to global supply chains.

By the end of the year, this geopolitical and economic uncertainty seemed to have reached its peak, with the powered access industry continuing to show ingenuity and resilience in terms of developing new markets, embracing technology and digitisation to consolidate or even grow market penetration.

Of course, we aren't complacent; I think the whole industry views the horizon with a certain amount of caution for what may lie ahead. At IPAF we used any surplus gained across 2022 to re-invest in our people, in digitalisation of training, upgrading integral IT systems and continuing to support key projects such as the ePAL mobile app for operators of MEWPs, MCWPs and hoists.

We welcomed a new President in March, Karin Nars taking up the chains of office her father once wore, and so becoming the first woman to fulfil the role. Her passion and enthusiasm is clear to see, and she quickly helped shape the IPAF Women in Powered Access initiative, which was launched at Vertikal Days in Peterborough, UK, in May.

The idea of the initiative is to showcase diversity and inclusion, charting career paths for women in our industry by telling the stories of those in a variety of roles, to inspire both those already

working in powered access and others considering joining it. We have showcased many inspiring stories and there are many more yet to share.

We continue to support our members in every way we can, by reducing red tape and processing time on our IPAF training, rebating admin charges for training certification and expanding both the member benefits we offer and the teams that support our members in 80 territories worldwide.

IPAF has also been a force for collaboration and co-operation, reacting to safety alerts to co-ordinate an industry response and reassuring both end users and national health and safety bodies that powered access remains one of the safest ways to work at height.

“ We continue to support our members by reducing red tape and processing time on our training, rebating admin charges for certification and expanding the benefits we offer and the teams that support our members in 80 territories worldwide. ”

Our response to the UK HSE alert about certain types of MCWP machines in May 2022 won plaudits for being both quick and comprehensive, and it went a long way to reassure all those involved in the sector that the issues were being addressed. IPAF has worked hard to demonstrate we can be an effective voice for the MCWP and construction hoist sector worldwide, so it was heartening to receive positive feedback, and even win new members, on the back of our response.

We had a phenomenally successful return to in-person events across

the year, with highlights being a sold-out IPAF Summit & IAPAs in London (two years late owing to the pandemic), as well as ElevAÇÃO in Brazil, the IPAF Asia Conference in Singapore, IPAF Innovate in Chicago, US, Elevando in Mexico and Europlatform in Rome, Italy.

Next year's events programme is already taking shape, with the Summit & IAPAs set for Berlin, Germany, in April, and the IPAF Asia Conference confirmed for Bangkok, Thailand, in addition to IPAF's appearance at major multi-national trade shows including APEX in Maastricht, Netherlands, and Conexpo in Las Vegas, US.

Finally, 2023 is also IPAF's 40th Anniversary – we are planning a whole host of events and activities and hope we will see some of you at an event in person, to reflect back over the past four decades as well as looking ahead to more success in the months and years ahead.



IPAF promotes the safe and effective use of powered access equipment worldwide by providing technical advice and information; through influencing and interpreting legislation and standards; and through safety initiatives and its training programme.

IPAF is a not-for-profit organisation owned by its members, which include manufacturers, rental companies, distributors, contractors, suppliers, training providers and users. IPAF members operate the majority of the global mobile elevating work platform (MEWP) rental fleet and manufacture almost 90% of MEWPs on the market. IPAF also represents the mast-climbing work platform (MCWP) and construction hoist (CH) market worldwide.

Members enjoy access to practical information and a growing portfolio of member benefits. They also have the chance to influence the legislation and regulations that govern platform use, and to aid in the development and implementation of standards worldwide.

Another benefit of membership is the ability to deliver the IPAF training programme for platform operators, managers and supervisors, which during 2022 was certified. More than 190,000 candidates are trained in a typical year through a worldwide network of more than 600 IPAF-approved training providers. Successful trainees are awarded the Powered Access Licence (PAL Card), the most widely held and recognised proof of quality-assured training for platform operators in the world. In 2022, the total number of PAL Cards issued worldwide was around 2.5 million. The federation's governing body is the IPAF Council, composed of IPAF's Board members, Committee chairs, Country/Regional Council chairs and up to six directly elected members. Council members are elected by halves for a two-year period by IPAF members at the AGM.

ALL AT END 2022

COUNCIL MEMBERS

- Arne Dirckinck-Holmfeld, PB Liftechnik
- Enrique Garcia Delgado, Snorkel
- Phil Graysmark, Liugong
- Paul Rankin, Loxam PAD & Nationwide Platforms
- Will Temple, Sunbelt Rentals
- Susan Xu, Sinoboom

COMMITTEE CHAIRS

- IPAF International Safety Committee, Mark Keily, Sunbelt Rentals UK
- Manufacturers' Technical Committee, Jim Waldron, Skyjack
- MCWP Committee, Kevin O'Shea, Hydro Mobile
- IPAF Rental+ Committee, Ele Ioannou, Mr Plant Hire
- IPAF Training Committee, Tony Warren, Sunbelt Rentals UK

REGION/COUNTRY CHAIRS

- Brazilian Country Council, Rodrigo Freitas, Rentalmaster
- Hong Kong Council, Tony Small, Gammon Construction
- Irish Council, David Meeke, Balloo Hire Centres
- Italian Country Council, Nicola Pontini, JLG
- North American Regional Council, Ebbe Christensen, Ruthmann ReachMaster
- Singapore Country Council, Shawn Ong, Galmon
- Spanish Country Council, Enrique Garcia Delgado, Ahern Iberica
- Middle East Regional Council, Peter Ellis, Halo 4 Safety
- UK Country Council, Ben Hirst, Horizon Platforms

PRESIDENTIAL TEAM AND BOARD MEMBERS

- President, Karin Nars, Dinolift
- Deputy President, Karel Huijser, JLG
- Vice President, Kai Schliephake, Partnerlift
- Past President (ex officio), Nick Selley, AFI-Uplift
- Managing Director & CEO, Peter Douglas, IPAF
- Director, Ben Hirst, Horizon Platforms
- Director, Julie Houston-Smyth, LOLEX
- Director, Jacco de Kluijver, Genie
- Director, Pedro Torres, Riwal

PAST PRESIDENTS

- John Barker 1983-1986
- Ken Ross 1986-1986
- Frank Huish 1986-1988
- Roger Venthen 1988-1990
- Tony Clark 1990-1992
- Claude Guillou 1992-1994
- Michael Hunt 1994-1996
- Sid Ball 1996-1997
- Leigh Sparrow 1997-1999
- Lars-Petter Godenhielm 1999-2001
- Nicholas Davin 2001-2003
- Peter Bennett 2003-2004
- Pierre Saubot 2004-2006
- Andrew Reid 2006-2008
- John Ball 2008-2010
- Steve Shaughnessy 2010-2011
- Wayne Lawson 2011-2013
- Steve Couling 2013-2015
- Andy Studdert 2015-2017
- Nick Selley 2017-2019
- Brad Boehler 2019
- Norty Turner 2020-2022



Left to right: Karel Huijser, Karin Nars, Kai Schliephake

IPAF COUNTRY AND REGIONAL COUNCILS

The **Brazil Country Council** held two in-person meetings during 2022. The council met to discuss topics including the introduction of ePAL in Brazil in February, as well as upcoming changes to standards and planned events, including IPAF ElevAÇÃO, held 6-7 April 2022. The council also confirmed Rodrigo Freitas (Rentalmaster) as chair and Marcello Racca (Haulotte) as vice chair.

Contact: portugues@ipaf.org

The **Hong Kong Regional Council** met three times virtually to discuss new IPAF courses (MCWPs and hoists), the roll-out of the ePal app, the IPAF Asia Conference, accident reporting and webinars aimed specifically at Hong Kong members, of which IPAF hosted three throughout 2022 on "Understanding ANSI 92", "Entrapments and Entry/Exiting the Platform at Height" and "Safe Use of MEWPs Ecosystem and Secondary Guarding Devices". In 2023 it is planned to restructure the Hong Kong council to be more inclusive of all IPAF Hong Kong members.

Contact: sea@ipaf.org

The **Irish Council** held two meetings in 2022, April in Dublin and October in Belfast. The council marked the passing of former chair and ex-IPAF president Nicholas Davin and celebrated its 25-year anniversary with a member meeting at Belfast's iconic Titanic Hotel. With new members and training far exceeding targets, promotion of IPAF across Ireland saw attendance at three industry events and advertising in construction-related publications for the first time. Identification of training for new entrants was identified as a priority, and progress made with local colleges to deliver recognised qualifications. In late 2022, a new dedicated representative for the region was announced.

Contact: info@ipaf.org

The **Italy Country Council** met physically three times during 2022. The first meeting in February was hosted by Haulotte, Almac hosted the July meeting and the council met for a third and final time at Socage in November. During the November meeting, the council chairman Paolo Pianigiani announced his decision to resign from the post as he planned to retire at the end of the year. In his place, Nicola Pontini of JLG was elected by the council as its new chairman.

Contact: italia@ipaf.org

The **Middle East Regional Council** met twice during 2022. The meetings were virtual and were primarily concerned with reorganising the council and creating work groups that more closely align with IPAF's presence and activities in the region. The council resolved to meet four times a year from 2023 onwards, with a manufacturer work group that will meet twice yearly, and an IPAF Rental+ work group aimed at rolling the standard out across the region planned to be constituted during Q1 of 2023.

Contact: UAE@ipaf.org



IPAF's **North America Regional Council** held four virtual meetings and two in person meetings during 2022 – despite the loss of chair Bal Guerrero, who had to step down on leaving his role with United Rentals in January. Past chair Ebbe Christensen stepped in to fill the role for the rest of the year. In early 2022, the council saw five members depart on completion of their term, and welcomed Don Satterfield from Home Depot, Husam Ahmed of Skyjack, Brian Clark of Sunbelt Rentals, and TJ Lyons, a Safety Professional with Gilbane Constructions. The final meeting of the year in November set new goals for 2023 – to develop a service technician programme (an Innovate workshop proposed solution); develop relationships with other associations and regulators; and to work with OSHA to have ANSI A92 design and safe-use standards incorporated by reference.

Contact: usa@ipaf.org

The **Singapore Country Council** met four times virtually to discuss a new and expanded IPAF SEA Newsletter, and to assist in the development of the MEWP Safe Use Ecosystem concept and planning for the return of the Asia Conference & Showcase event post-pandemic. The first edition of the IPAF SEA Newsletter was published in June 2022 and the MEWP Safe Use Ecosystem was launched at the IPAF Asia Conference in Singapore in July. Singapore Rental members also opted to be audited to the IPAF Rental+ standard, the implementation of which will begin in 2023. The Singapore Council helped pick Bangkok, Thailand, as the location of the IPAF Asia Conference & Showcase 2023.

Contact: sea@ipaf.org

The **Spain Country Council** met three times in 2022, with the first meeting in January. At that meeting, Javier Lodaes stepped down as chair after leaving his role with LoxamHune, with Enrique Garcia Delgado (Ahern Iberico) duly being asked to step up from his role as vice president of the council, and Pablo Santiago (Escuela Europea de Maquinaria) named vice president. The council resolved to reactivate the Training Committee, and to send out more pathways frequent newsletters to members. New operating rules will be approved at the first meeting of 2023. IPAF will be represented at some industry safety events including one major event in Bilbao in April. At the end of 2022, IPAF MEWPs for Manager training launched in Spanish, while the new IPAF Demonstrator eLearning course is also being translated.

Contact: espana@ipaf.org

In 2022, the **UK Country Council** held three meetings, one of which was virtual and two being in-person. Two new members were elected to the council: Steve Gerrard (long-serving former chair of the IPAF Rental+ Committee) and James Samuel. The UKCC celebrated the contribution of outgoing chair Brain Stead and welcomed Ben Hirst as the new chair, and Jonathan Till as vice-chair. A new work group was formed to raise the profile of vehicle-mounted (1b) MEWPs. Significantly, all UK hire and rental members achieved the IPAF Rental+ minimum standard, as mandated in 2017 by the UKCC. Progress was noted on other priority projects, with improvements to the accident reporting database and dashboard delivered, members supported through the removal of the red diesel rebate and progress made on the digitalisation project, which includes the ePAL app.

Contact: info@ipaf.org



MEMBERSHIP TERRITORIES

- Algeria
- Argentina
- Australia
- Austria
- Bahrain
- Belgium
- ▶ Bosnia and Herzegovina
- Brazil
- Bulgaria
- Canada
- Chile
- China
- Colombia
- ▶ Croatia
- ▶ Cuba
- Cyprus
- Czech Republic
- Denmark
- Ecuador
- Estonia
- Finland
- France
- Georgia
- Germany
- ▶ Greece
- ▶ Honduras
- Hong Kong
- Hungary
- India
- Indonesia
- Iran
- Iraq
- Ireland
- Isle of Man
- Italy
- Japan
- Kazakhstan
- Kenya
- Korea, South
- Kuwait
- Latvia
- ▶ Lithuania
- ▶ Luxembourg
- Macau
- Malaysia
- Mexico
- Morocco
- Mozambique
- Myanmar
- Netherlands
- New Zealand
- Norway
- Oman
- Pakistan
- ▶ Panama
- Peru
- Philippines
- Poland
- Portugal
- Qatar
- Romania
- Russia
- Saudi Arabia
- Singapore
- ▶ Slovakia
- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Taiwan
- Thailand
- Trinidad and Tobago
- Turkey
- United Arab Emirates
- United Kingdom
- United States
- Uruguay
- Vietnam
- Zambia

MEMBERS

1,638

80 COUNTRIES

245 NEW MEMBERS

TRAINING CENTRES

614

56 COUNTRIES

66 NEW TRAINING CENTRES

TRAINING APPLICATIONS

193,174

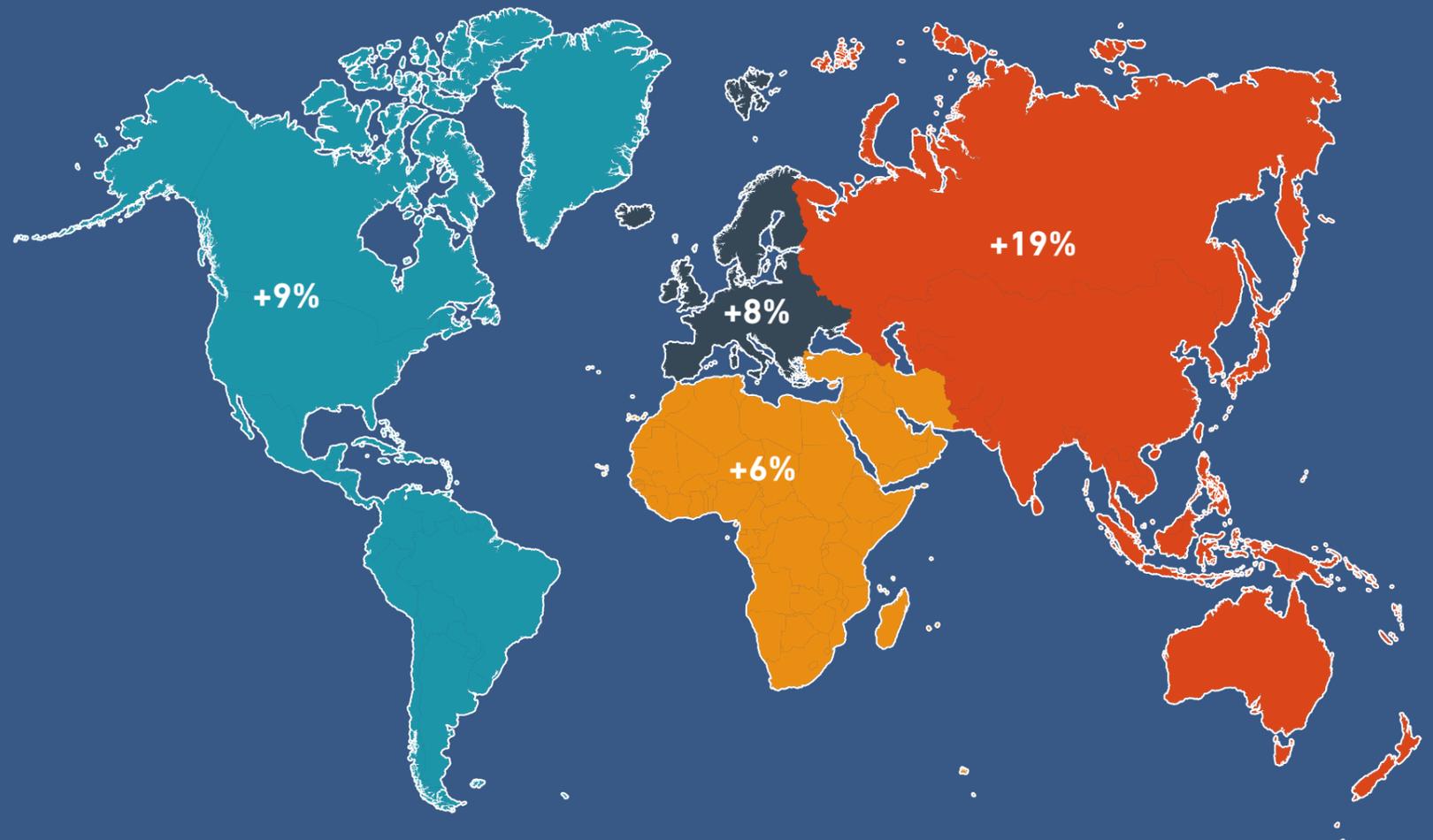
9% INCREASE ON 2021

RECORD MONTH 19,810 MARCH

DIGITAL LICENCES

58.4%

GROWTH IN MEMBERSHIP ACROSS THE GLOBE



INCOME GROWTH THE PAST 5 YEARS



INCOME SPLIT



TRAINING CENTRES



AMERICAS

EUROPE

MIDDLE EAST & AFRICA

ASIA PACIFIC





OUTLINING A PATH TO GREATER EQUALITY, DIVERSITY AND INCLUSION

IPAF's Women in Powered Access initiative aims to recognise and celebrate the contributions of women in powered access, as well as outlining career pathways for women both already in the industry and those looking to enter it.

The Women in Powered Access initiative is inspired by IPAF President Karin Nars, who became the first woman elected to the role when confirmed at the IPAF AGM in London in March 2022. In her inaugural address, she said: "Inclusion is important because it enables people to share different perspectives in a supportive environment. Safety is a joint effort to which everybody can and should contribute to. We cannot afford to exclude anybody from the conversation surrounding safety in our industry. While we may work in a male-dominated business, there is more to the story than that."

The initiative is designed to encourage more women to bring their knowledge, passion and work ethic to our industry, as well as recognising and sharing the stories of some of the many thousands of women in our industry whose stories have not yet been told.

Karin Nars added: "These stories are something young women need to see and hear – to help them become inspired and learn about paths women have taken in our industry. With the Women in Powered Access initiative, we invite women of all ages and different professional roles to share their stories of inclusivity."

"Through these stories and role models, we want to communicate the broad opportunities our industry can offer women. We invite everybody with a passion for our industry, and a passion for safety in powered access, to be heard and to contribute."

Already IPAF has gathered more than a dozen stories from a selection of inspirational Women in Powered Access. These have been used to create articles and features on IPAF's website, magazines and in partner publications, as well as stand-alone case studies on www.ipaf.org; there are plans to feature these and subsequent stories in future publications and also to create additional multi-media content, including video clips and a podcast series.

Inspired by the Women in Powered Access initiative, a new equality, diversity and inclusion category has been added to the International Awards for Powered Access (IAPAs) for 2023. The new award is open to any company or individual who has demonstrated their sustainable commitment to improving equality, diversity and inclusion in the powered access industry. Judges will be looking for entries that demonstrate how entrants have recognised the importance of diversity in the workplace and taken actions towards fostering a more inclusive environment where all employees feel valued and can thrive.

Karin Nars commented: "In case anyone is wondering what would qualify as worthy of nomination for an individual, that person could be a role model who has inspired or supported others, or someone who has overcome personal barriers to excel in their career. Likewise, a company or individual may have been involved in introducing concrete changes or visible actions that ensure colleagues feel valued, respected and listened to."

If you would like to propose yourself or someone you work with who would be willing to be involved in IPAF's Women in Powered Access initiative. Email on marketing@ipaf.org or click here

CONTACT US

"These stories are something young women need to see and hear – to help them become inspired and learn about paths women have taken in our industry. We invite women of all ages and different professional roles to share their stories of inclusivity."

Karin Nars, IPAF President

"I feel that I can amount to anything – the opportunities in the powered access industry really are endless."

Catherine McCree
Apprentice MEWP Engineer, UK



"Follow what you desire and don't let anything stand in your way. In a nutshell, do what you feel is right!"

Megan Campbell
Apprentice MEWP Engineer, UK



"I hope to continue to make a difference and contribute to helping people get home safely after working at height."

Adele Coupe
Training Manager, Certora Training, UK



"Our perception, resilience and plurality only adds value to work teams, allowing us to dream big and to go far!"

Anna Sara Costa Morais
Training Instructor, Mills, Brazil



"Have courage to stand up and say 'I can be anything I want to be' and let your passion drive your career."

Ele Ioannou
Operations Manager, Mr Plant Hire, UK



"This organisation allows individuals to develop with no limits on aspiration, regardless of their gender."

Emily Bonsall
Managing Director, Certora Training, UK



"This is a rewarding job and there are lots of opportunities to gain skills and pass knowledge on to your delegates."

Debbie Lewis
IPAF Independent Instructor, UK



"Working with colleagues, customers and suppliers with enormous know-how, and new talents bringing in new perspectives and technologies – together we can develop new solutions."

Charlotte Brogren
Chief Technology Officer, Alimak Group, Sweden



"I love giving operators the tools to allow them to go home safely in the evening after working with MEWPs."

Sara Trabucchi
Training Manager, Elevo-Kiloutou, Italy



"It is very important to be able to make a difference and to make a contribution to safety for workers in the lifting world."

Marzia Giusto
Managing Director, Loxam, Italy



"No two days are the same in the powered access industry."

Michelle Long
Managing Director, The UK Tool Hire Group



"I had no idea what a platform was, but after a while, I fell in love with the product and the access industry in general."

Manuela Vender
Sales & Marketing Director, Easy Lift, Italy



"I assist customers from development through to fulfilment and completion of a project – with safety being paramount."

Kate Bell
Head Of UK Training, Nationwide Platforms, UK



"The people inspire me and the sector we operate in; it's so varied and no two moments are ever the same."

Linda Betts
Major Accounts Manager, Access Platform Sales, UK





NEW COURSES IN NEW LANGUAGES, NEW TERRITORIES

IPAF achieved record training delivery across 2022, with more people taking more courses in more languages than ever. IPAF's training team is working hard to translate courses into new languages, while laying the groundwork for digital transformation.

As well as developing new and updating existing courses, 2022 saw levels of demand around the world grow steadily, which necessitated the translation of various IPAF courses into new languages. Work was underway to deliver the IPAF MEWP Operator course in Chinese, Korean and Turkish; MEWPs for Managers is being translated into Spanish and Portuguese; the IPAF Demonstrator course rolled out into all English speaking territories and translation has begun into French, Italian, Portuguese, Dutch, Spanish and German; the IPAF Operator Renewal is to be offered in North America, as well as in French, Italian, Portuguese, Dutch, Spanish and German; IPAF Load and Unload training was translated and released in German, Spanish, French, and Italian, and is also being translated into Dutch; and IPAF Competent Assessed Person (CAP) certification is now available in Spain and Mexico. Kenya, the Baltic states, and several countries in Latin America were among territories where IPAF training was made available for the first time during 2022.

NEW COURSES, UPDATES AND RECONFIGURATIONS

IPAF launched an updated Demonstrator course during 2022, in both eLearning and classroom/instructor-led versions. Objectives of the update were: To bridge the gap between training on a small, simple MEWP and being familiarised on anything up to and including ultra-booms, complex spider-type MEWPs or a 103m truck-mounted MEWP; to train candidates to take full account of the complexity of the MEWP they are going to demonstrate, to provide guidance for timeframes and minimum items covered



in familiarisation; to provide an overall methodology that can be used for all familiarisations; and to provide clarity on what a demonstrator should and should not do. The updated course utilises extensive video scenarios demonstrating the "right" and "wrong" way to undertake familiarisation tasks.

Work is also ongoing to create an updated Harness training programme. In consultation with Work at Height Safety Association (WAHSA) and an international training work group, the new course will be modular, and is aimed at providing a convenient eLearning solution for managers, supervisors and safety professionals that do not need to use a harness but would be involved in selecting equipment, managing its use and creating safe systems of work. Module One: Harness Awareness is theory only, delivered via eLearning or classroom, and provides all of the theoretical elements of selection, pre use checks and correct use in a MEWP. Module Two: Harness User is practical only, and assesses the candidate's ability to select, check, don and adjust the harness, attach it to the correct MEWP anchor point and adjust the lanyard. And Module Three: Harness Inspector entails a classroom theory element and extensive practical to assess the candidate's ability to conduct periodic statutory inspections of harnesses, lanyards and associated equipment.

In addition IPAF's Load and Unload has been reconfigured course, with the course split practically into two, with the standard course covering vehicles up to 7,500kg and a new Load/Unload+ course dedicated to those over 7,500kg.

NEW MCWP AND CONSTRUCTION HOIST COURSES

In 2022, IPAF significantly expanded its training offer for MCWPs and construction hoists. In January, a new course aimed at those managing, planning or commissioning the use of MCWPs or construction hoists was made available. The course mirrors the popular MEWPs for Managers course currently available as eLearning, classroom-based or instructor-led remote learning via IPAF approved Training Centres.

Work was also begun in 2022 on new Hoist Installer and Hoist Advanced Installer courses through the a dedicated working group, with contribution from Construction Hoist Interest Group (CHIG), a CPA group chaired by Kirsty Archbold-Laming.



IPAF MENTORING SYSTEM

An objective for 2023, is a new mentoring system for IPAF training instructors. Initially set to be trialled in the UK as a pilot ahead of a global roll-out. Almost all of IPAF's Senior Instructors have already volunteered to be mentors for other IPAF Instructors. This will allow any IPAF instructor request mentoring support. Mentors and mentees will gain CPD points along with new knowledge and experience.

DIGITALISATION OF TRAINING

When IPAF launched its new ePAL app, it marked a great leap forward in terms of digitisation of training certification. With the app surpassing more than a quarter of a million first-time downloads during 2022, it naturally followed that this process of digitalisation and streamlining would work for the administration and assessment side of IPAF's training.

Digitalisation work was initiated in 2022 and remains ongoing, with key objectives being: A single point of reference for Training Centres and Instructors to get information, assign eLearning and book training courses; consolidated course candidate information input; digital course testing/assessment forms; and a fully digital IPAF Training Manual, though sections will be downloadable for ease of reference. Manual access will be language and region-specific and has been extensively rewritten to provide clarity for all.

The new digital manual consolidates the IPAF MEWP, CAP and MCWP and Hoist training manuals. Instructors will have direct access to their manual for the first time and they can access using a range of hardware including their phones so the information they need will be available at point of need. It is a "live" system allowing the Training Committee to make changes and have those changes implemented and translated more rapidly.

THE IPAF TRAINING COMMITTEE

Chair: **Tony Warren (Sunbelt Rentals UK)**
Vice Chair: **Steve Booker (Kentec Training)**

The IPAF Training Committee is the custodian of IPAF's training programme and meets every three months to review issues related to course content, training material and training centre requirements. The committee met four times during 2022, in January, April, June and October. Meetings are now hybrid with the majority attending in person. The IPAF Training Committee's mission statement is: "To identify, develop and implement training solutions and effective quality controls to help promote the safe and effective use of powered access."

Headline activities of the committee through 2022 included:

- A review of the IPAF Training Matrix: This provides IPAF Training Centres with the maximum numbers of practical tests that can be completed within a specific time frame. It has been reviewed and updated to correspond more effectively with the way that training has evolved through the use of technology.
- Providing a clear definition of what is a theory day and what is a non-theory day: This was necessary to clarify the new matrix for ease of use of IPAF Training Centres.
- Mandating the use of spreader pads for training or use of a 1b MEWP. For other categories of machine with stabilisers/outriggers, the advice of the committee is that a risk assessment is necessary to determine the requirement.
- Intensive instructor training: A working group from the committee is researching the possibility of an intensive instructor training programme to encourage a wider range of people into the industry, including those who may not have the currently required MEWP experience.
- Removal of the association agreement, making it easier for IPAF Independent Instructors to work for different IPAF Training Centres.
- Removal of the requirement for a Nominated Instructor: This allows a Training Centre to nominate the person responsible for IPAF Training – that person can now be the training manager, admin manager or anyone else with designated authority to oversee and ensure IPAF Training is conducted in accordance with the IPAF Training Manual.

Priorities of the IPAF Training Committee and IPAF Training Department include developing a new and improved MEWP Operator course and the establishment of an International Review Working Group drawing on instructors and training experts from 15 different countries where IPAF delivers MEWP and/or MCWP training.

THE IPAF CAP COMMITTEE

Chair: **Chris Banks (Independent CAP Assessor)**
Vice Chair: **Ian Brent (Nationwide Platforms)**

The IPAF Competent Assessed Person (CAP) Committee met twice in 2022. Among other items of business, the committee determined minimum MEWP Complexity for PDI and CAP training, completed a review of IPAF's Pre-Delivery Inspection (PDI) course and reviewed the CAP course, with amendments trialled in late 2022/early 2023.

AFTER A YEAR OF CHANGE, IT'S TIME TO DRIVE FOR STANDARDISATION

IPAF's Quality & Audit Department underwent significant changes in 2021, so the priority for 2022 was to consolidate and drive forward the level of service offered to IPAF members worldwide. A key focus in 2022 was on instructor assessments, and the audit team completed a record number of these globally.



Members of the IPAF Audit team participate in internal workshops

Following a number of internal changes and a reorganisation of the IPAF Audit team in 2021, Katrin Blau, IPAF's Audit Manager, established new ways of working, focusing on global standardisation and writing an IPAF Minimum Auditing Standard that all auditors must adhere to. The aim is to improve the audit experience for members and to increase effectiveness.

Katrin says: "I said it last year and nothing has changed – arguably, auditing is one of the best member-support tools that IPAF has to offer. An audit or an instructor assessment is the basis for a lively exchange from which both the training centre or individual instructor and we as IPAF benefit because all parties involved can further optimise their processes through an open-minded and credible dialogue.

"As with the IPAF Rental+ scheme for IPAF rental/hire members, the audit process for the IPAF training programme is a reassurance that good practice is being followed, which means that IPAF courses are being delivered effectively and that candidates are given the grounding they are looking for in terms of using powered access as safely and effectively as possible."

A lot of work in 2022 went in to work on standardisation. Key objectives and projects included:

- Creating and implementing a Minimum Auditing Standard for IPAF Auditors, to ensure consistency of delivery and to underpin the excellent work IPAF's Auditors carry out across the globe.
- Various dedicated IPAF Audit Team workshops were held to work on both standardisation and competencies.
- The team looked closely at audit and assessment outcomes and created additional options for findings to ensure greater clarity and transparency for the training centre or instructor under review. These expanded outcomes and findings will be included in the updated IPAF Training Manual when it is released in 2023.
- Overall, 2022 was a record year in terms of the total number of instructor assessments completed globally.

Katrin continues: "For 2023, we are looking forward to the release of the new IPAF Training Manual and the release of the new IPAF Training Matrix, which among other updates will mean that our auditors in future will take into consideration the number of machines available for candidates' use at an IPAF Training Centre.

"Another highlight for 2023 will be a new audit system and of course the release of IPAF's digitalisation project, which will make the IPAF training course experience for both instructors and candidates faster, more enjoyable and efficient.

"The team will continue to grow, and I am very excited about our new appointment of Juan Ignacio Fernandes as a new auditor covering Latin America, set to take up post in early 2023."

IPAF renewed certification to ISO 9001:2015 and ISO 18878:2013 and continues to be audited by external accreditors, including Safety Systems in Procurement (SSIP), allowing IPAF to continue certifying SSIP Health & Safety Core Criteria in the UK and Bureau Veritas in Spain.

At the end of 2022, Anouck Sauer was seconded to the role to cover Kate Miller as IPAF's Quality Manager after she went on maternity leave.



In terms of the development of the IPAF Rental+ scheme, 2022 was a key year. In the UK, all of IPAF's rental members are fully engaged and see the real benefits that the scheme brings. Many members are now using the scheme as a prerequisite to conduct business with other rental companies, as they see it as a way of not only protecting their business and the interests of their customers but also a way of reducing the challenges and financial drain of implementing and managing a comprehensive pre-qualification questionnaire (PQQ) programme.

IPAF also began a project to further engage with contractors and end users, not just in the UK but in many other regions, so that they better understand the numerous benefits of the scheme and how it helps protect their business interests and keep their workforce safe. IPAF will continue working with Build UK in 2023 to achieve the continued integration of the Common Assessment Standard within the IPAF Rental+ audit. Discussions are also ongoing with Build UK with regards to the creation of a Supplier's Common Assessment Standard.

After reviewing and better understanding the issues associated with the implementation of the scheme in the UK, it has meant that a smoother implementation process is now in place for entering new regions. Part of this has been the creation of an IPAF Rental Standard, which demonstrates what good practice looks like within a rental company. The working group, made up of

representatives from across the powered access industry, had not finalised this document as of the end of 2022, but when published it will act as a blueprint and the perfect tool for those wishing to prepare for the audit. Once approved, the standard will be made available via the IPAF website.

Other projects brought to completion in 2022 include the review of the current audit form to ensure that it is suitable for use within the MCWP and construction hoist sector, this will be implemented throughout 2023 within the UK, as will a new broker audit, which falls outside of the IPAF Rental+ scheme but ensures that this sector of membership is catered for.

With regards to developments in different regions, progress has been made with the first IPAF Rental+ member being certified in Ireland, with others already entering the audit process. In the UAE there was a soft launch in 2022 with an official launch set for the early months of 2023, with several IPAF members registering interest at the end of 2022. Singapore is the other country where plans are underway to introduce the scheme in early 2023, with more territories to follow throughout the year.

It is fair to say 2022 has been a momentous year in the development of the scheme, and 2023 will see further developments that enhance and broaden the reach of the scheme to ensure that the safe and effective use of powered access continues.

THE IPAF RENTAL+ COMMITTEE

Chair: **Ele Ioannou (Mr Plant Hire)**

Vice Chair: **Mark Robinson (Premier Platforms)**

The IPAF Rental+ committee met twice during 2022, with the first meeting at Vertikal Days in May seeing Ele Ioannou (Mr Plant Hire) elected as chair, replacing the long-serving Steve Gerrard (Speedy Powered Access). Steve was subsequently elected to the IPAF UK Country Council. Steve vacated the IPAF Rental+ chairmanship and stood down from the committee with the thanks of all involved with the scheme and the wider IPAF community for his steadfast stewardship over many years.

Ele stepped up from vice chair of the IPAF Rental+ Committee, offering her thanks to Steve, and expressing what an honour to help promote the benefits of the IPAF Rental+ scheme. She set out her objectives and hopes that, with the support of the members, the committee will help foster better understanding of some of the challenges faced by existing and new members while going through the IPAF Rental+ audit process.

In that regard, 2022 was a very successful year for the scheme, with positive progress being made. After consulting with IPAF Rental+

members in the UK, it was agreed by a majority vote to remove the bronze, silver, gold continuous improvement programme and replace it with a simple percentage score, which still enables continuous improvement to be measured, but without specific differentials or being ranked in distinct bands or categories.

Discussions are ongoing with regards to how further improvements can be made to enhance the scheme, and the committee continues to listen to members' feedback, as well as the opinions of contractors and end users, as the scheme relies on the support of all involved to maintain its recognition and respect within the industry.

All in all, it was a very positive year, with new members joining the scheme as they really see the tangible benefits of IPAF Rental+, new regions opening up including Ireland, where IPAF announced at the end of 2022 the appointment of Damien O'Connor, a dedicated representative to help promote the scheme in a fast-growing market.



A PLATFORM FROM WHICH TO RAISE THE BAR ON SAFETY

In 2022, IPAF's Safety & Technical team built on past successes to create a targeted safety campaign, technical guidance and a platform for industry incident reporting. These initiatives combine to help stakeholders benchmark safety protocols, reinforce key messages to operators and managers and to shift the dial on serious accident.

Key achievements for the IPAF Safety & Technical team in 2022 included the publication of the third IPAF Global Safety Report. The report was the first that IPAF has been able to produce based on a full ten years' worth of data, as the IPAF Incident Reporting Portal was initiated in 2012. Looking at a decade of data is both useful and sobering, as the top five most common types of accidents leading to injuries and deaths remained largely the same in that time.

This is one of the reasons the report also carries an extended look at falls from the platform, as that is still the most common type of serious accidents while using MEWPs. The report also features a focus on rental industry activity for the first time, highlighting risks and mitigations involved in tasks such as delivery and loading/unloading MEWPs, servicing of machines and so on. This is in acknowledgement of the commitment shown by the majority of IPAF's rental members worldwide to accident reporting across the past decade.

Based on the data that show falls from the platform as the industry's most common type of accident, IPAF prioritises this in its **Don't Fall For It!** targeted safety campaign worldwide. The campaign was launched at the IPAF Summit 2022 in London, and key guidance includes: Plan thoroughly; know your machine; always clip on whenever personal fall protection equipment (PFPE) is required; set up and manoeuvre the machine or platform effectively; and stay attached and inside the platform while at height or positioning/driving the machine.



Brian Parker, Head of IPAF's Safety & Technical team

FIND MORE ANDY ACCESS POSTERS, TOOLBOOK TALKS & OTHER TECHNICAL DOCUMENTS ON OUR RESOURCE LIBRARY

VISIT OUR RESOURCES LIBRARY



Looking at the early data for the 2023 IPAF Global Safety Report, it seems that once again IPAF is receiving a record number of reports from a record number of countries.

Even though the number of reports is up on the previous year, with further reports of 2022 incidents still to be gleaned from national safety bodies and via the international media, it seems that overall fatalities are down by more than a third. With statistics from national bodies such as Occupational Safety and Health Administration (OSHA) in the US still to be inputted, this reduction in fatalities could yet change, but early indications are encouraging.

There will be a focus on electrocutions in the global safety report, which will in turn inform the IPAF global targeted safety campaign for 2023, and also a drill-down into incidents involving 1b type machines, which is set to inform enhanced safety and technical guidance and training on the use of these MEWPs. The IPAF UKCC and Germany team have also requested raised awareness around the risks involved in loading or unloading MEWPs.

IPAF remains committed to gathering more data on incidents and near misses, to build a more complete picture of where they are happening, to whom, and during what type of operation. Central to this drive for greater reporting is the easy on-the-spot functionality of the ePAL app for operators and managers, and during 2022 IPAF also launches its "customisable dashboard" for those reporting data to the portal. The new dashboards allow registered users reporting data via the portal to tabulate various data sets together, and to benchmark their own company's performance by sector or geographical region, for example.

IPAF's Safety & Technical experts took leading roles in considering and responding to several industry safety alerts, including UK HSE alert BSCD1-2022 in May concerning mechanical safety issues on certain types of MCWP machines, and Multiplex alert JCPT2223RTB concerning the use of a particular scissor-type MEWP on one of its sites, and the manufacturer's response to that alert. In both instances, IPAF quickly convened in-person or hybrid meetings to consider the implications of the alerts and led a co-ordinated response to reassure regulatory bodies and end users of key safety priorities.

Other documents developed and published under the purview of the IPAF Safety & Technical department included: A new 20-page Safe Use of MEWPs in Public Areas document; a 16-page Developing a MEWP Safe-Use Program Guide aimed at North American users (to aid with ANSI A92 compliance); a new Do Not Use MEWPs as an Overhead Anchor leaflet; a new Safe Use of MEWPs to Manage Trees and Vegetation leaflet; and a new MEWP Catapult Effect leaflet; as well as updates to the IPAF Exiting at Height guidance leaflet, adding the F1 Familiarisation and H1 Fall-Protection in MEWPs in Korean and publishing the Results of the IPAF Innovate 2022 workshops.

Across 2022, a host of new Toolbox Talks and Andy Access safety posters were issued, including briefings on: Safe On-site Servicing of MEWPs, MCWP Loading, MCWP and Construction Hoist Rescue Plan, Construction Hoist Loading, MEWP Tyre Condition, and Falls From Height: Don't Fall For It!



Right to left: Mike Ashton, Dan Moss, Tony Groat

IPAF MANUFACTURERS' TECHNICAL COMMITTEE (MTC)

Chair: **Jim Waldron, Skyjack**
Vice Chair: **James Clare, Niftylift**

While 2022 began still feeling the effects of Covid, opportunities for face-to-face meetings started to appear on the calendar again. The MTC met remotely in May 2022 but managed to hold a hybrid meeting on the tails of bauma in Munich in November. Feedback was broadly positive on the hybrid approach.

Projects that have been worked on throughout 2022 included regulation and standards updates, remote access guidance and understanding requirements associated with fall protection. These projects continue into 2023 and the committee also added a new project to look into the industry's approach to the growing use of lithium-ion batteries. This topic affects all plant rental, so the committee wants to make sure the powered access industry has a united understanding of the needs and risks.

The committee has contributed to a number of technical discussions through the year intended to provide clarity on certain topics, from industry safety alerts through to best practice to

IPAF INTERNATIONAL SAFETY COMMITTEE

Chair: **Mark Keily, Sunbelt UK**
Vice Chair: **Alana Paterson, Nationwide Platforms**



The IPAF International Safety Committee (ISC) met three times in 2022; all hybrid meetings, in February, September and December. There are now 13 members of the ISC, Bal Guerrero had to step down after he left the industry, but Teresa Kee of United Rentals joined the committee in Bal's stead in time for the December meeting. The following items were discussed, progressed or delivered with help and input from members of the committee and specific working groups in 2022: The Safe Use of MEWPs in Public Areas guidance document; the IPAF Global Safety Report; the Don't Fall For It! global targeted safety campaign; updated Safe Use of MEWPs to Manage Trees and Vegetation and MEWP Catapult Effect leaflets. Members of the group assisted in co-ordinating a response to both the UK HSE safety alert relating to MCWPs in May and the Multiplex safety alert regarding an incident involving a scissor-type MEWP on one of its sites at the end of the year.

In terms of ongoing projects, the committee is involved in reviewing IPAF's Harness (H1): Fall Prevention in MEWPs guidance, and a proposed H2 guidance leaflet specifically for vertical-type MEWPs. At the end of 2022 planning was underway for 2023's IPAF global targeted safety campaign, to address and manage electrocution risks when using powered access, including drafting new guidance on preventing electrocutions. The committee continues to verify data collected via the IPAF accident reporting portal and to assist in analysis and production of the annual IPAF Global Safety Report.

reduce mechanical and technical incidents. From a governance perspective, the committee also developed a set of strategic actions and rules to ensure that it remains focused for 2023. The next meeting of the MTC is set for April 2023, again adopting a hybrid format.

The group has also recognised the challenges posed by vehicle-mounted MEWPs and in particular those associated with the chassis they are mounted to. To recognise these additional elements, an IPAF vehicle-mounted sub-committee now meets after the main MTC to discuss these topics, with the objective of raising awareness of key concerns.

What is the IPAF MTC?

All IPAF manufacturing members are invited to participate in the MTC. Owing to the safety focus of the committee, it is necessary that participants are engaged in technical, safety or regulatory roles within their IPAF member company.

For more information or to request to join the MTC please email: technical@ipaf.org



The IPAF Safety & Technical department is involved in developing or reviewing updated regulations and standards in 2022-23, including:

- Ongoing work with TC214 ISO:16368 and CEN TC98 WG1 for review of EN280-1-2022 and EN280-2-2022
- BS8460:2017 and BS7981:2017 both approved for review, went out for comment and drafting to start in January 2023 via committees.
- EN1495 has been sent to CEN for review (this standard was issued in 1997).
- IPAF is now represented by Mike Ashton on the Australian Standards ME-005-16 Subcommittee, with a working group formed to consider changes to be made to the following Australian Standards for MCWPs: AS2550.16 Safe Use of MCWPs and AS1418.16 Design Standard for MCWPs.
- Avoiding trapping/crushing injuries: This guidance for MEWPS has been renamed Reducing Trapping/Crushing to People in the Platform and has been prepared for final review by the Plant Safety Group (PSG) – formerly the Strategic Forum Plant Safety Group (SFPSPG) – for publication in February 2023.
- ISO/TC 214/Working Group 1 (mobile elevating work platforms) – IPAF’s Dan Moss serves as the editor and Working Group 1 Secretary. With IPAF’s Tony Groat as the Project Leader, this group progressed the revision of ISO 18893:2014 (MEWP safe use) from the New Project Stage (June 2022) to an accepted Draft International Standard (DIS) stage (October 2022). The group also progressed the revision of ISO 16368:2010 (MEWP design/safety) from the Committee Draft (CD) stage to an accepted Draft International Standard (DIS) stage (October 2022).
- ISO/TC 214/Working Group 2 (mast climbing work platforms) – Dan Moss led the review and early development of one revision and one new project: The initial development process of a revision of ISO 16369:2007 (MCWP design/safety) with strong support from IPAF’s MCWP Committee; and the initial development process of a re-start of ISO 11988 (MCWP code of practice).
- On ISO/TC 110/SC 2/Joint Working Group 14 (multi-purpose elevating work platforms – MPEPs) – Dan Moss serves as the JWG 14 Co-Convenor, and preliminary work on the first draft was completed and it was agreed to submit for National Body vote in October 2022.

IPAF MCWP AND HOISTS INTERNATIONAL COMMITTEE

Chair: Kevin O’Shea, Hydro Mobile

During 2022, IPAF convened two meetings of the IPAF MCWP & Hoist International Committee and two meetings of the IPAF MCWP & Hoist UK & Ireland Work Group, as well as creating a new MCWP Safety and Technical Work Group. The committee noted that IPAF has more than 100 members in the MCWP and construction hoist sector for the first time, including a new Training Centre for MCWPs and for Hoists in Italy, and the first members in Australia, with two new Training Centres for MCWPs in Brisbane and Perth. IPAF met with the Construction Safety Alliance of the Master Builders Association of New South Wales in Sydney.

IPAF MCWP members also met to consider the UK HSE MCWP safety alert issued in May (pictured).



BUILDING A RELATIONSHIP WITH INDUSTRY END-USERS

During 2022, IPAF focused on developing ties with contractors in construction, infrastructure, utilities, facilities management, manufacturing, petrochemicals and tree care. Enhanced membership benefits resulted in an increase in contractor members

IPAF aims to support contractors by providing a one-stop-shop for safety advice, good practice, efficiency and technical know-how. IPAF’s globally recognised training programme, ePAL app for operators and managers, and the IPAF Rental+ scheme are among the key benefits to end users of using IPAF member companies and trained operators.

IPAF Rental+ is a robust certification scheme that is mandated for all hirer members in the UK and some other parts of the world. It underpins safety, good governance and excellence in customer service, and members are audited against the scheme on an annual basis. In the UK IPAF Rental+ confers **Safety Systems in Procurement (SSIP) certification** and is also aligned to the Build UK Common Assessment Standard (CAS).

Then there is IPAF’s reporting portal for incidents involving powered access equipment. Reporting members have access to the IPAF Accident Reporting Portal Members’ Dashboard, where they can view anonymised data and benchmark their own safety by sector or geography, for example. The data gathered through the portal is used to inform all the work IPAF does, and analysis is published in the annual IPAF Global Safety Report.

Contractors can access a range of **Andy Access Safety posters** and **Toolbox Talks**, which are brief site safety presentations covering topics such as rescue plans, familiarisation and how to avoid common hazards. Andy Access posters and Toolbox Talks are available in a range of languages and all are free to download and use.

IPAF’s Safety Campaigns are also informed by the data and analysis of accidents and near-misses, and in March 2022, IPAF launched its new safety campaign **Don’t Fall for it!** The campaign identifies key causes of falls from the platform and provides advice about how to avoid associated hazards.



The aforementioned **IPAF ePAL app** also offers benefits to end users as well as convenience. The ePAL app enables onsite operators and managers to digitally store, record and share their logged machine operating experience and IPAF qualifications. ePAL also enables the user to be updated on the latest safety advice and to access their operator safety guide or site safety guide based on linked licences; ePAL is free to use and available for all new and existing IPAF licence and qualification holders.

IPAF members can access ten specific standards relating to the use of MEWPs and MCWPs. The price to buy copies of the standards can be considerable, and those available as part of the IPAF membership benefits package include: BS ISO 18893; BS 7981:2017; BS 8437:2005+A1:2012; BS 8460:2017; BS EN 1495:1997+A2:2009; BS EN 280-1:2022; BS EN 280-2:2022; BS EN ISO/IEC 17020:2012; BS ISO 18878:2013; BS ISO 21455:2020.

IPAF offers advocacy, lobbies national, regional and local government and works closely with standards and regulatory bodies on matters of design, safe-use and training related to powered access. IPAF has given evidence to the APPG on workplace falls from height, is a supporter of the No Falls Foundation, and hosts and attends powered access events across the world every year.

Members receive free or discounted tickets at many industry events, as well as offering free **webinars, available to view on demand**, including safe operation of MEWPs, safe unloading and loading, sustainability and more. IPAF also offers tools covering machine specifications, spreader pad calculator, an access buyers guide and total cost of ownership calculator.



WHAT CAN IPAF DO FOR CONTRACTORS?

- IPAF ePAL app – store, record and share operator training and experience
- Free technical guidance documents
- Direct support from safety & technical experts
- Industry events providing networking opportunities
- Support with government lobbying on industry topics
- Access to British Standards online

Find more information

WWW.IPAF.ORG/CONTRACTORS



RISING TO NEW CHALLENGES TO BUILD ON SUCCESS

For the IPAF Communications & Membership team, 2022 saw a continuation of the return to in-person and hybrid events that began in the last months of 2021. IPAF continues tailoring strategy to territories where membership is growing, and towards the end of 2022 confirmed a new addition to the team.

Across the first half of 2022, there was a gradual return to business as usual in terms of physical events, although one or two were postponed until later in the year, including Bauma, which instead of being held in its traditional spring slot was pushed back to October.

The IPAF Summit & IAPAs made a triumphant return in person; having been postponed in 2020, a record number of attendees made the rescheduled event of the Millennium Gloucester Hotel in Kensington, London, UK - a resounding sell-out success. It was great to be back in the room with so many industry colleagues

from around the world, and to be able to announce Berlin, Germany, as the location of the 2023 IPAF Summit & IAPAs.

The enthusiasm with which people greeted IPAF events as they returned in various countries worldwide was truly heartening and evidenced in most cases by record attendances. These included the IPAF Asia Conference & Showcase in Singapore, IPAF ELEVATION Switzerland in Belinzona, Congresso IPAF LatAm - Conosur in Buenos Aires, Argentina, ELEVANDO in Mexico, IPAF Innovate in Chicago, US, and IPAF ANCH'IO in Bologna, Italy.

IPAF also joined several additional contractor and end-user focused events in 2022, including ELECTEX in Cork and Dublin, Ireland, UK Construction Week in London, UK, and the APF International Forest Machinery Exhibition in Warwickshire, UK. At this latter event IPAF was in attendance across the whole three days and launched updated guidance on working with MEWPs to control trees and vegetation - the engagement with end-users was phenomenal and it is certainly an event IPAF is likely to attend again in future.

Vertikal Days in the UK moved back to its traditional May slot, and IPAF selected this event to launch the Women in Powered Access initiative, which aims to recognise and celebrate the contributions of women in powered access, as well as outlining career pathways for women both already in the industry and those looking to enter it.

The initiative was inspired by IPAF President Karin Nars, who became the first woman elected to the role when confirmed at the IPAF AGM in London in March 2022, and IPAF hopes it will encourage more women to bring their knowledge, passion and work ethic to our industry, as well as recognising and sharing the stories of some of the many thousands of women in our industry whose stories have not yet been told.

As well as in-person and hybrid events and meetings, IPAF continued to deliver a comprehensive range of online events, including the PDS programme for instructors and training centres, and also continued to present its series of free industry webinars, including presentations to launch the IPAF Global Safety Report and the Powered Access Rental Market reports, which were made available free of charge to all IPAF manufacturer, dealer/distributor, supplier and rental company members for the first time in 2022. All webinars are made available to view via www.ipaf.org/webinars and on **IPAF's YouTube channel**.

IPAF published its four key magazine publications in Italian, German and English for both UK and North American readers. The IPAF Annual Report continues to be a digital-only publication for reasons of sustainability, and several major technical guidance documents produced during 2022 were not offered in printed format for the same reason.

Sustainability is also at the heart of IPAF's most ambitious digital project to date, the ePAL app for operators of MCWP and MEWP equipment. The app allows training certification to be shared and downloaded, including the first ever digital format IPAF PAL Card. This in turn has allowed IPAF to streamline its processes considerably when issuing plastic cards and paper certification, mailed around the globe. As at the end of 2022, the app was available in seven languages, in most territories around the world, and had been downloaded by almost 280,000 users across more than 160 countries worldwide.

Supporting and communicating with members has never been more important, and IPAF continued to use both its traditional and digital media platforms to good effect, posting news and updates via the www.IPAF.org website in nine languages, issuing more than 100 press releases, equating to around two per week. The regular IPAF eNewsletters were sent out quarterly to more than 12,000 recipients in 12 language and regional versions.

At the end of 2022, IPAF added Matteo Malacarne to the Communications & Membership team, as Digital Marketing Executive to support Regional Development, with him taking up the role from the beginning of January 2023.

The www.IPAF.org website acts as the hub for all of the digital content, and it performed well during 2022. Users were 453.9K (up 1% on the previous year), pageviews were 1.2M (up 1.8%) and downloads were 119.2K (up 14.8%). In terms of social media, across all networks IPAF issued 1.6k posts, achieving 629k impressions and reaching 118k users. Facebook fans were 5.6k (up 5.9%), Twitter followers were 4.6k (up 4.4%) and LinkedIn Followers were 13k (up 26.5%). IPAF's 3,000 LinkedIn posts achieved engagement of 11k (up 75%).

IPAF saw another annual increase in membership, with marketing campaigns to attract new members and retain existing ones, and an improved package of membership benefits being key drivers of this increase. In addition to the popular Safety Professional category of membership launched in 2021, IPAF also saw an increase of Contractor members in 2022, and the way the federation co-ordinated an industry response to a UK HSE safety alert in May also saw an uptick in membership from the MCWP and hoist sector. At the end of 2022 the total membership stood at 1628, 245 more than at the end of 2021.

IPAF added members in new countries - including Bosnia, Greece, Honduras and Panama - giving coverage across 80 territories worldwide. At the end of 2022, total membership was up by more than 245 on the year-end 2021 figure.



2022 IN NUMBERS:

- 1.2 MILLION** Website pageviews increase of 1.8%
- 14.8%** Downloads increased on 2021
- 13K** IPAF LinkedIn Followers reached (up 26.5%)
- 11K** Engagement achieved across IPAF's 3,000 LinkedIn posts (up 75%)
- 1,638** Members across 80 territories worldwide - more than ever
- 100+** Press releases issued
- 4** In-house magazines published, with a readership circa 200,000 worldwide





UPDATED IPAF LOAD/UNLOAD COURSE BEGINS ROLL OUT

IPAF rolls out a major update to its training course on how to load and unload MEWPs and other plant equipment safely from trucks or trailers, pictured below. Analysis of global data gathered by IPAF via www.ipaf.org/accident has shown that most accidents during delivery of MEWPs occur during the loading or unloading process. As a result, IPAF overhauled its Load/Unload course during 2021, with the updated training course rolled out in English, French, German, Italian and Spanish in early 2022. Paul Roddis, IPAF's Training Manager, says: "The accident statistics show that the people most likely to be harmed in a MEWP-related incident are delivery drivers. We believed that there was more IPAF's courses could offer in terms of equipping and protecting operatives loading and unloading MEWPs, and we wanted to do more to help protect them."

It is announced that Jacco de Kluijver, Vice President of Sales & Marketing EMEAR at Terex Aerial Work Platforms (Genie), pictured below, has been seconded to the IPAF Board ahead of federation's AGM in London in March.



IPAF LAUNCHES DON'T FALL FOR IT! SAFETY CAMPAIGN

A campaign emphasising the importance of working safely to avoid falls from the platform when using MEWPs to enable temporary work at height is launched at the IPAF Summit in London, UK, on 10 March 2022 by Brian Parker, pictured below. IPAF's Don't Fall For It! safety campaign offers operators and managers key advice to mitigate the most common risks and avoid accidents of this type. As IPAF's new presidential team is confirmed at the 2022 AGM, with Karin Nars of Dinolift officially invested as the federation's first woman President, following in the footsteps of her late father, Lasse Godenhielm, who held the role from 1999 to 2001. JLG's Karel Huijser is confirmed as Deputy President and Kai Schliephake of Partnerlift is IPAF's new Vice President, all three pictured below, while Jacco De Kluijver is confirmed as a board member.

Following the IPAF AGM comes the sold-out Summit & IAPAs, with more than 400 people in attendance to hear industry experts present and, in the evening, to toast the 2022 IAPAs winners at a glittering gala dinner.

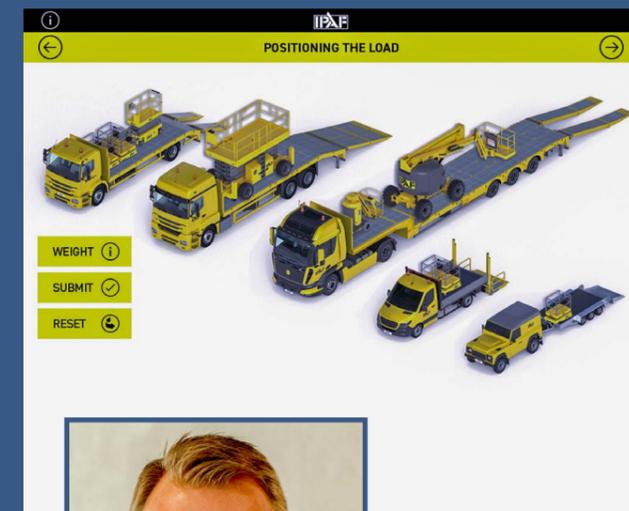


JANUARY

FEBRUARY

MARCH

APRIL



IPAF RENTAL+ IS ALIGNED WITH BUILD UK'S CAS SCHEME

Build UK welcomes IPAF as only the third UK Trade Association member to recognise the Common Assessment Standard as part of its audit scheme. IPAF has incorporated elements of the Common Assessment Standard into its IPAF Rental+ audit, meaning MEWP rental members in the UK that are certified to the Common Assessment Standard will be exempted from answering certain questions, further reducing duplication across the industry. IPAF joins a growing list of more than 20 organisations now using the Common Assessment Standard. Martin Wraith, IPAF's Rental+ Scheme Manager, pictured above, and Richard Whiting, IPAF's UK Market General Manager, have worked to ensure that the key elements of the IPAF Rental+ audit align with it.

After months in development, IPAF launches a new training course aimed at those managing, planning or commissioning the use of MCWPs and construction hoists, pictured above.

IPAF Informa 2022 magazine is published in Italian, for readers in Italy and Switzerland.



RIWAL BECOMES FIRST RENTAL IPAF SUSTAINING MEMBER

Riwal becomes IPAF's latest Sustaining Member, making it the first rental and training company on a list that includes Alimak, AON, APEX and Haulotte. Headquartered in Dordrecht, Netherlands, Riwal was founded in 1968 and has grown into a major rental and training company specialising in work at height machine hire in 16 territories, including the Middle East and India. The Riwal team were recent IAPA winners, pictured above.

IPAF representatives attend ELECTEX in Cork, Ireland, pictured top, the first time the federation has had a standalone presence at a trade show or exhibition in the Republic and the first of several such event appearances across 2022. ELECTEX Cork is aimed at delegates working in electrical contracting and associated trades including fire and security, cabling, tools and testing, heating, lighting, smart technology and electric vehicle charging infrastructure. The 2022 edition of IPAF's Powered Access magazine for readers in the UK and Ireland is published with the CIOB's Construction Manager title, read by more than 35,000.



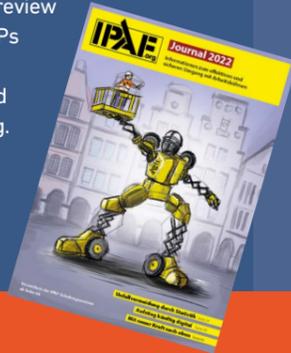


IPAF LAUNCHES WOMEN IN POWERED ACCESS INITIATIVE

IPAF launches the Women in Powered Access initiative at Vertikal Days, the East of England Showground, Peterborough, UK. The initiative recognises and celebrates the contributions of women in powered access, and charts career paths for women both already in the industry and looking to enter it. It's inspired by Karin Nars, IPAF's first woman President pictured below, centre, with engineering apprentices Catherine McCreedy, left, and Megan Campbell. Also on stand is a safety trail highlighting ways to reduce falls from the platform, part of the Don't Fall for It! campaign.

IPAF ANCH'IO is held in Bologna, Italy, pictured below, with a morning programme consisting of the second part of the Italian professional development seminar for IPAF training instructors. The meeting is also the first opportunity to review and discuss the new IPAF Safe Use of MEWPs In Public Areas guidance document. A mini-conference is held in the afternoon, followed by a panel discussion and social networking.

IPAF-Journal German-language magazine is published, with a circulation of up to 40,000.



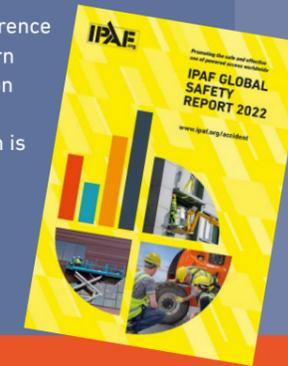
IPAF'S GLOBAL SAFETY REPORT ANALYSES A DECADE OF DATA

Falls from the platform, electrocution and platform overturns are the most common type of incidents leading to serious injury and death, according to the latest Global Safety Report, compiled by Ducker from analysis of anonymised data collected via IPAF's Accident Reporting Portal. The report analyses ten years' worth of data, stretching back to 2012.

Quality MEWP operator training is made available in Kenya, after a six-day visit from IPAF representatives during which Kaileys Consortium becomes the country's first IPAF-certified Training Centre. Operators can also benefit from IPAF MEWP training in Estonia and Latvia, which join Lithuania in being able to offer IPAF courses delivered by Ramirent.

After a two-year hiatus, the IPAF Asia Conference & Showcase event makes a successful return on 28-29 July at the Singapore EXPO & Hilton Orchard Singapore – with more than 250 attendees joining the event in-person, which is also live streamed.

Eagle Platforms becomes the latest IPAF Sustaining Member – the first UK-based rental and training company to do so.



MAY

JUNE

JULY

AUGUST



MEWP RENTAL MARKET IS RECOVERING, REPORT SHOWS

MEWP rental markets continued to recover strongly after the pandemic in both 2021 and early 2022, despite clouds on the horizon caused by geo-political upheavals and increased input costs, driven by inflation and the war in Ukraine, according to the newly published Global Powered Access Rental Market Report 2022, which is launched with a webinar at the beginning of June and offered for free as a benefit to selected categories of members for the first time. Markets in Europe, the US and the Middle East continued to recover strongly, though a resurgence of Covid-19 and accompanying lockdowns and restrictions in China hampered recovery, as well as causing knock-on effects in the supply of Chinese-manufactured MEWPs that were increasingly sought-after during 2021, owing to ongoing supply-chain issues.

Visitors to the JDL Expo in Beaune, France, are invited to join representatives of IPAF "on the beach", to sip mocktails while talking about IPAF's Don't Fall For It! safety campaign, pictured above.



IPAF APPOINTS NEW SPAIN REGIONAL MANAGER

IPAF announces a new representative to assist members in Spain, with Aina Greño, pictured above, named Spain Regional Manager. Based in Bilbao, Aina knows the industry well, having previously worked as a distributor in Spain for both Niftylift and CTE in a career spanning 20 years. IPAF hosts Congreso IPAF LATAM Conosur in Buenos Aires, Argentina, on 8 September. The event comprises conference presentations, networking and culminating with a panel of experts giving their perspective on the rental market.

IPAF representatives also attend M&T Expo 2022, pictured above the most important international trade show in Latin America, which has been held since 1995 and involves construction, mining, conservation and other industries. The show is at the Pavilhão São Paulo Expo in Brazil.

"Can we eradicate falls?" is the provocative coverline of the 2022 edition of Elevating Safety, IPAF's annual industry magazine dedicated to promoting powered access safety in North America, published in print and online.





EUROPLATFORM 2022 HAS 'SUSTAINABLE CHANGE' FOCUS

Understanding and reducing carbon footprints, ensuring social inclusion across the workforce, and reducing and reusing resources as part of the circular economy are key to effecting sustainable change, according to speakers at IPAF's Europlatform conference on 15 September 2022. Around 120 powered access stakeholders attended the conference at the Grand Hotel Palatino, Rome, Italy pictured below, left.

After several years' hiatus owing to the pandemic, IPAF holds an in-person Innovate Workshop in Chicago, US, in conjunction with the Access, Lift & Handlers Conference. The workshop sees industry stakeholders collaborate in small work groups to discuss key challenges and propose novel solutions, pictured below.

Speaking at the ALH Conference, Peter Douglas, CEO of IPAF, pictured below, urges the US powered access industry to "live by" the ANSI A92.22 standards, before OSHA adopts them. "Do we have to wait until they become regulation before we start living by them?" he asks. IPAF attend the Association of Professional Foresters' AFP event in Warwickshire, UK, the perfect place to launch a leaflet on using MEWPs to manage trees and vegetation.



IPAF EPAL APP SURGES PAST 250,000 GLOBAL DOWNLOADS

IPAF's ePAL mobile application for operators of MEWPs and MCWPs, pictured below, has now surpassed the milestone of a quarter of a million first-time downloads worldwide. The ePAL app is also recognised by *Lift & Access* magazine, with a LLEAP Gold Award in the Aftermarket Support Products & Services category.

IPAF ELEVANDO makes a successful return as an in-person event for the first time since the pandemic on November 10-11 in Querétaro, Mexico. The event is hosted by IPAF and covers developments in the powered access industry across all of Latin America.

IPAF representatives showcase MEWP safety guidance, including the importance of quality operator training, correct use of PPE and the Don't Fall For It! safety campaign at OSH India 2022 in Mumbai, pictured below

Tony Groat, IPAF's North America Regional Manager, is the new Chair of the SAI's MEWP Council, replacing Forrest Hester, who steps down after five years in the role.



SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

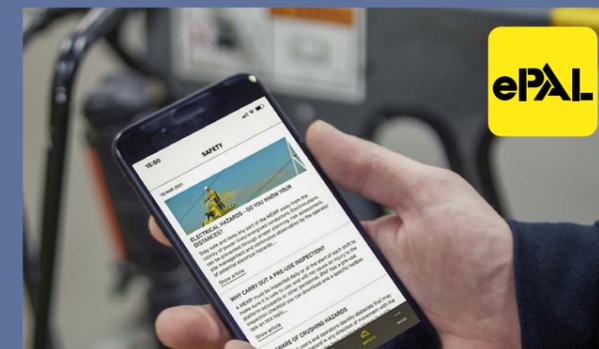
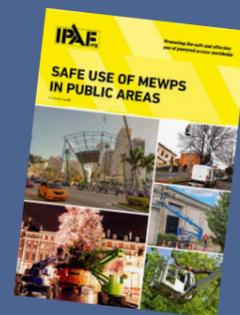


IPAF CHALLENGES BAUMA 2022 VISITORS TO TAKE SAFETY QUIZ

Visitors to the IPAF stand at bauma 2022 in Munich, Germany, are invited to take a short safety quiz testing their knowledge of how to prevent falls from the platform, in line with IPAF's Don't Fall for It! safety campaign, pictured above.

An agreement between IPAF and a chapter of the National Safety Council of India will see the two organisations work together in the state of Kerala to spread awareness about key risks and mitigations when working at height, pictured top. Representatives of IPAF pay tribute to "dear friend" Cliff Goring of Alimak, a Senior IPAF Instructor and CAP assessor, after he passed away following a short illness.

IPAF reiterates guidance to workers and managers using MEWPs to install and remove seasonal decorations and lights, urging them to download the comprehensive Safe Use of MEWPs In Public Areas technical guidance booklet that can help to avoid safety issues and to mitigate the key risks involved.



DEDICATED REPRESENTATIVE FOR BOOMING IRISH REGION

IPAF announces it has appointed a new dedicated representative covering Ireland and Northern Ireland, following a year of rapid growth in membership and training delivery across the region. Damien O'Connor, pictured above, will take up the post in January 2023.

Commenting on a record-breaking year for IPAF across the Nordic and Baltic regions in terms of both membership numbers and training delivery, Kent Boström, IPAF's regional representative pictured above, right, says: "I feel there has certainly been a 'Karin Nars effect', with the Managing Director of Dinolift and our latest IPAF President being key to helping open doors and bring in new members and raise the profile of the federation in the region." Pictured above, Nordic & Baltic members at Europlatform 2022.

IPAF backs to the Access Industry Forum's (AIF) campaign to save UK Work at Height safety regulations, which are set to be repealed as part of a "bonfire of EU laws" by the end of 2023, joining with fellow AIF members in support of the Save the Work at Height Regulations campaign.



LAYING A FIRM FOOTING FOR OUR DIGITAL FUTURE

Surpassing all KPIs, along with record training numbers and strong income from events and sponsorship, saw IPAF able to invest in laying foundations for its digitalisation programme, which is due to bear fruit in 2023. The number of training certifications issued hit a record of 193,174 – 9.6% growth on 2021. In the UK, 9,520 more people completed an IPAF training course than in 2021.

IPAF's turnover in 2022 increased by £931.9k (13.7%) to £7.75m (approximately €8.75m or US\$9.31m) compared with 2021. The increased training income contributed more than 81% to the total income and saw an increase of 14.3% on 2021. Events income saw a significant increase of 267.7% on 2021 as more face-to-face events took place in 2022. Due to increased income from training and events, this meant that IPAF could invest in its digitalisation programme, to set the foundations for what will be released in 2023. There were some unexpected cost increases in 2022, from increased travel costs to the increase in the PAL Card owing to a worldwide shortage of the smart chips, but with cautious cost control in other areas meant that there was an overall year end surplus of £73.8k.

Membership numbers finished at a record high, with a total of 1,638, which was a net increase of 133 (8.8%) on 2021. Each month there was a positive net growth in the numbers, which resulted in a total of 245 new members and only 112 lost members. Within the year, the IPAF footprint extended into nine additional territories – Bosnia & Herzegovina, Croatia, Cuba, Greece, Honduras, Luxembourg, Macau, Panama and Slovakia, finishing the year with members in 80 territories overall. Membership in Europe (including UK and Ireland) increased by 8% versus 11% growth in membership outside Europe, with the Oceania region seeing a 200% growth and Latin America 12%.

The number of new Training Centres joining IPAF in 2022 was 66, compared to only 42 in 2021, leading to a total of 614 IPAF

“The number of IPAF training courses passed rose by 16,892 during 2022, with 193,174 courses successfully completed, an increase of 9.6%. Nine out of 12 were record months for training, with March and November exceeding 19,000 certifications.”

Training Centres across 56 territories, an increase of 7% on 2021. IPAF-accredited programmes continue to generate significant business for members that offer training courses and contributed in excess of 81% of the overall turnover in 2022.

The number of IPAF training courses passed increased by 16,892 during 2022, with 193,174 courses successfully completed, an increase of 9.6% on 2021 (176,282). Nine out of the 12 months were in fact record months for training, with March and November both exceeding 19,000 certifications.

In 2022, the ePAL mobile app for operators of powered access was made available worldwide. Within the year, 58.4% of all applications were issued as digital only, which resulted in savings for the training centres owing to reduced postage and packing costs, and also meant that the end user will have received their licence in a timely manner, and with a reduced carbon footprint overall. The UK and Ireland embraced the change, with 68.5% of their licences being digital but there were some individual regions, such as the Nordic countries, which reached 80% digital licences on average for the year – a fabulous achievement.

The International Powered Access Federation (IPAF) is a registered Society under the UK's Co-operative and Community Benefit Societies Act 2014, regulated by the UK Financial Conduct Authority. The Act came into force on 1 August 2014 and supersedes the Industrial and Provident Societies Act 1965. IPAF operates as a not-for-profit organisation which is obliged to re-invest all surpluses in furthering the aims of the organisation as defined by the members. The accounts are audited by Azets Audit Services and are presented at the Annual General Meeting for approval.



GROWTH IN MEMBERSHIP:

SOUTH KOREA	+83%
IRELAND	+25%
NORDIC REGION	+24%
OVERALL	+8.8%

GROWTH IN TRAINING:

NORDIC REGION	+111%
FRANCE	+92%
BENELUX	+35%
OVERALL	+9.6%

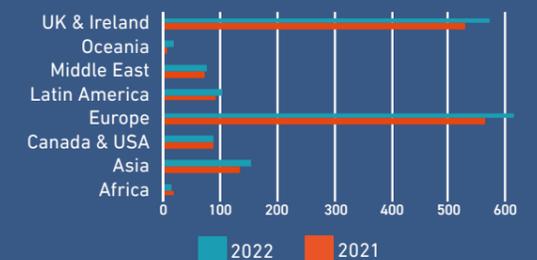
OVERALL BUSINESS GROWTH:

INCREASE IN TURNOVER	+13.7%
TRADING SURPLUS	£73.8K
IPAF COURSES COMPLETED	193,174

INCOME SPLIT 2022



MEMBERSHIP GROWTH 2021-2022



SPOTLIGHT ON IPAF'S FINANCE APPRENTICE

In 2022, IPAF's Finance team introduced their apprentice, in partnership with Kendal College. Freddie Dobson joined the team in August 2022 and has already passed his first exam, as well as his driving test!



What made you want to have a career in finance?

I chose a career in finance as I have always been interested in money and how money is dealt with within different businesses.

Why did you choose an apprenticeship as opposed to doing A-levels/going to university?

I chose an apprenticeship as opposed to A-levels and university because I would much prefer to be gaining work experience as well as getting my qualifications alongside it.

How have you found working for IPAF so far?

Working at IPAF has been great so far. I have enjoyed the diversity that the job has to offer and learning the skills required to be an accountant. I have also enjoyed the fun activities in the office.

Where do you see yourself in five years' time?

In five years' time I aim to have progressed and developed my knowledge and skills and have a wider understanding on the role I am in. I also aim to have progressed through the AAT qualifications and look to gain some more, higher level, qualifications.

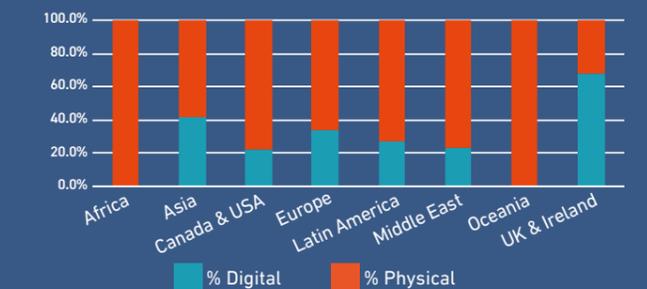
What do you do in your spare time to relax from the world of finance?

In my spare time, I like to ride and race my bike on the roads up and down the UK, racing in national, regional, and local races. I also enjoy watching and playing football with my friends.

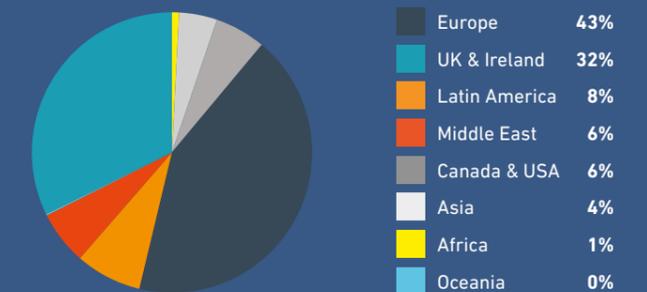
TRAINING APPLICATIONS 2019-2022



2022 PHYSICAL/DIGITAL APPLICATIONS



TRAINING CENTRES 2022



IPAF MEMBERS

All individual IPAF members named as of end of December 2022
See current list at ipaf.org

IPAF MEMBERS

Promoting the safe and effective
use of powered access worldwide

ALGERIA



Renault Algérie Production
www.groupe.renault.com

ARGENTINA



GSA Rental
www.gsarental.com.ar

Haulotte Argentina
www.haulotte.com

IMG Rental
www.imgrental.com.ar

LV STEIGEN
www.lvservicios.com.ar

Renault Argentina
www.group.renault.com

RK ELEVACIONES
www.rkelevaciones.com.ar

Stogue
www.stogue.com.ar

Sullair Argentina
www.sullairargentina.com

AUSTRALIA



Access Engineering Group
www.aeganz.com

Alimak Group Australia
www.alimak.com.au

Buildcorp
www.buildcorp.com.au

Craig Kime

Equipment Safety Systems
www.eqss.com.au

EWP Training Solutions
www.ewpts.com.au

EWPA
www.ewpa.com.au

Genie Australia
www.genielift.com

Haulotte Australia
www.haulotte.com.au

Mine Tech Australia
www.minetech.net.au

Protective
www.protectiveinnovations.com.au

Scotia Access Systems (NSW)
www.scotiaaccess.com.au

TVH Australasia
www.tvh.com.au

AUSTRIA



Bildungszentrum Regional e.U. Mohr Bernhard

www.bildungszentrum-regional.at

Boels Maschinenverleih Österreich

www.boelstraining.at

Dorn Lift
www.dornlift.com

Felbermayr Transport und Hebetchnik & Co
www.felbermayr.cc

FLOTT Arbeitsbühnen
www.flott.cc

Griehser
www.griehser.at

HKL Baumaschinen Austria
www.hkl-baumaschinen.at

Holz Klade
www.klade-group.com

Irdeto
www.irdeto.com

Kögl
www.koegl.at

Lorenz Lift
www.lorenzlift.at

Mayer & Schöftner Arbeitsbühnen
www.mayer-schoeftner.at

W Reitinger, Arbeitsbühnen & Mobilkrane
www.w-reitinger.at

BAHRAIN



AGORA Training Services
www.agoratrainingservices.ae

Dayim Equipment Rental
www.dayimrentals.com

Modern, Mechanical, Electrical & Transport (MMETC)
www.mmetc.com

Rapid Access Bahrain
www.rapidaccess-gulf.com

Sarens Nass Middle East
www.sarensnass.com

Snorkel Middle East

UNI Training Center
www.uni.bh

BELGIUM



Alimak Group Benelux
www.alimak.nl

Allift Michielsens
www.allift.be

GemOne
www.gemone.com

Guy Bastijns

HDW Belgium
www.hdwbelux.com

Huurland
www.huurland.be

LODAX – Pads & Mats
www.lodax.eu

Loxam (DK Rental)
www.dkrental.be

Loxam, Belgium
www.loxam.be

Marchandise
www.marchandise.be

TVH Parts Holding
www.tvh.com

Vertimac
www.vertimac.com

Wim Verhuur
www.wimverhuur.be

BOSNIA AND HERZEGOWINA



Global Metal Construction (GMC)
gmcgroup.ba

BRAZIL



3A Piracicaba Escoramentos E Máquinas Para Construção
www.andaimspiracicaba.com.br

Alcance Locação e Comercio de Maquinas
www.alcancebr.com.br

Alexandre De Oliveira Celestino

Alimak Hek do Brasil
www.alimak.com.br

ARMAC LOCAÇÃO LOGÍSTICA E SERVIÇOS
www.armac.com.br

ASL Equipamentos
www.aslequipamentos.com.br

Aura Brasil Máquinas e Equipamentos
www.aurabrasil.com.br

BRASRENTAL LOCAÇÕES DE EQUIPAMENTOS EIRELI
www.brasrental.com

Cesario's Treinamento & Consultoria
www.cesariostreinamentos.com.br

Degraus Andaimes Maquinas e Quip. p/ Construção Civil
www.degraus.com.br

Eleva Brasil soluções em elevação
www.elevabr.com.br

ESTAF EQUIPAMENTOS
www.estaf.com.br

Força 1 Locações de Maquinas e Equipamentos
www.forca1locacoes.com.br

Haulotte Do Brasil
www.haulotte.com.br

HOLAN10 – LOCAÇÕES DE EQUIPAMENTOS
www.holan10.com

JCB Do Brasil
www.jcb.com

JLG Latino Americana
www.jlg.com

L C Monteli – Corretora De Seguros
www.monteliseguros.com.br

LASS Máquinas e Equipamentos
www.lass.com.br

LOCAR GUINDASTES E TRANSPORTES
www.locar.com.br

MACROMAQ EQUIPAMENTOS
www.macromaq.com.br

Manitou Brasil Manipulação de Cargas
www.manitou-group.com

Maxrental Locadora De Equipamentos
www.maxrental.com.br

MILLS
www.mills.com.br

MOTORMAC – Distribuidora Meridional de Motores Cummins
www.motormac.com.br

ORGUEL LOCAÇÃO DE EQUIPAMENTOS
www.grupoorguel.com.br

Palfinger
www.palfinger.com

PTA – COMÉRCIO E LOCAÇÃO DE EQUIPAMENTOS
www.ptarental.com.br

RCB Locações de Equipamentos e Máquinas
www.rcbplataformas.com.br

Renault – Curitiba Plant
www.group.renault.com

Rental Master
www.rentalmaster.com.br

RENTALSUL LOCAÇÕES
www.rentalsul.com.br

Retifica São Jose
www.retificasaojose.com.br

Rodrigues Barbosa & Barbosa

Roland Robert Colombari

Rosa Plataformas
www.rosaplataformas.com.br

Rubens Jose Santos

Skyjack Brasil
www.skyjack.com

Socage do Brasil
www.socage.com.br

SOLUTIONS RENTAL
www.solutionsrental.com.br

TECNOGERA - SOLUÇÕES EM SEGURANÇA ENERGÉTICA
www.tecnogera.com.br

Terex Latin America
www.terex.com.br

TRIMAK ENGENHARIA E COMÉRCIO
www.trimak.com.br

TVH do Brasil
www.tvh.com.br

W RENT C – LOCAÇÃO DE MÁQUINAS
www.wrent.com.br

W Rental Locadora de Equipamentos
www.wrental.com.br

ZOOMLION BRASIL INDÚSTRIA E COMÉRCIO DE MÁQUINAS
br.zoomlion.com

BULGARIA



Mateco Bulgaria
www.mateco.bg

STROYRENT
www.stroyrent.bg

CANADA



Bart Krzysztofek

Brad Boehler

Discover Battery
www.discoverbattery.com

Hydro Mobile – Division of BrandSafeway Access
www.hydro-mobile.com

Larry J Farquhar, All Lift Truck Training

Leavitt Machinery
www.leavittmachinery.com

PALFINGER Platforms North America
www.palfinger-northamerica.com

QUALITYOPCENTER ENTERPRISES
www.qualityopcenter.ca

Rolls Battery Engineering
www.rollsbattery.com

Serious Labs
www.seriouslabs.com

Skyjack
www.skyjack.com

SOS Location
www.soslocation.ca

Sylme Consultant
www.sylmeconsultant.com

TVH Canada
www.tvh.com

Utility Training Group
www.utilitytraininggroup.com

ZTR Control Systems
www.ztr.com

CHILE



Actitud Chile Formación Limitada
www.actitudlearning.com

ALO Training (Alo Group)
www.alotraining.com

Equipos y Maquinarias Man Lift
www.manlift.cl

EQUIPOS Y SERVICIOS TREX
www.equipoxtrex.com

Haulotte Chile
www.haulotte-chile.com

MATECO CHILE
www.mateco-chile.cl

MOTORMAN
www.motorman.cl

O&V Rental
www.oyrental.cl

Renault Chile
www.group.renault.com

SK RENTAL
www.skrental.cl

CHINA



Alimak Group Vertical Access Equipment
www.alimak.cn

Beijing Teamdrive Sensor,
www.teamdrive.com.cn

Beijing Xiangyuncheng Building Decoration Engineering
www.zlxy.com

CEC • CANPLUS DRIVE & CONTROL CENTRE
www.canplus.cn

CHENLIFT (SUZHOU) MACHINERY
www.chinaliftplatform.com

Curtis Instruments (China) Company, Limited
www.curtisinstruments.com

Dongfeng Renault Automotive Company (DRAC)
www.group.renault.com

Eay Power Electronic Technology
www.eaypower.com

EXMILE Special Tyre
www.exmiletyre.com

Fronteq (Changzhou) Machinery
www.eurocrane.com.cn

Global Machinery Hub
www.gmhlift.com

Green Power Design Astri
www.gpowerdesign.com

Guangzhou Hyetone industrial Technology
www.hyetone.com

HANGZHOU HANGCHA AERIAL PLATFORM EQUIPMENT
www.hmme.cc

Haulotte Trading (Shanghai)
www.haulotte.com

Hefei Tianyu Booen Technology
www.tianyubooen.cn

Henan Jianghe Special Vehicle Technologies
www.hnjhsv.com

HERED (Shandong) Intelligent Technology
www.heredit.com

Hong Kong QUIMO Power Company Limited
quimobattery.com

Hongqi (Shanghai) Machinery Technology
www.hongqitech.com

Intradin (Shanghai) Machinery
www.intradin.com

Jiangsu Giantpower Rubber & Plastic Technology
www.kobura.com.cn

Jiangsu Liugong Machinery
www.liugong.com

JIANGSU RAINBOW INDUSTRIAL EQUIPMENT
rhm.rainbowco.com.cn

JIANGSU SAIMEITRE MACHINERY
www.cnsolidtyre.com

Jiangsu Tianxin Industrial Rubber Co
www.jstxsxt.com

JIANGSU TOPOWER TYRE
www.topowerwheel.com

Jinda Heavy Industry (Tianjin) Company Limited

JLG Industries Shanghai Branch
www.jlg.com

Lingong Heavy Machinery
www.lgmg.com.cn

Manitou China
www.manitou.com

Mantall Heavy Industry
www.mantall.com

Nanjing Simba Machinery Equipment
www.xinbajx.com

Noblelift Intelligent Equipment
www.noblelift.com

North Valley Research
www.nvr-china.com

Precede Machinery & Equipment (Beijing)
www.upright-china.com

Rocher Intelligent Technology (Shanghai)
www.rocher-tech.com

Shandong Qiyun Group
qiyunlift.en.alibaba.com

Shanghai Horizon Equipment & Engineering
www.horizon-equipment.com

Shanghai Safe Equipment
www.safe-equipment.com

Shanghai Suide Mechanical Engineering
www.shsuidex.cn

Shanghai Yacontee Industrial
www.yacontee.com

SHENZHEN TOPBAND

Sinoboom (Hunan Sinoboom Intelligent Equipment)
www.sinoboom.com

Sunward Intelligent Equipment
www.sunward.com.cn

Terex (Changzhou) Machinery
www.geniechina.com

Tonguan Machinery
www.tgzi-china.com

Trojan Battery Company, China
www.trojanbattery.com

TVH TRADING (XIAMEN)
www.tvhchina.com

Wong Heng Man

XCMG Fire-fighting Safety Equipment
www.xzxx.com.cn

XIAMEN HIGHFLYER RENTAL
highflyer-industrial.com

Xiamen Lanli Composite
www.xmgather.com

Xian Rong Feng Software Technology
www.3swin.cn

Zhejiang Dingli Machinery
www.cdningli.com

Zhongneng United Digital Technology
www.znhzl.com

Zoomlion Intelligent Access Machinery
www.zoomlion.com

COLOMBIA



AeroRental a
www.aerorental.com.co

CGB – Comercializadora Gomez Botero SAS
www.cgbssas.com

Partnerlift
www.partnerlift.com

Paszko Wienczyslaw
www.cramer-arbeitsbuehnen.de

Paul Becker
www.becker.eu

PB Liftechnik
www.pbgmbh.de

Peter Cramer
www.cramer-arbeitsbuehnen.de

Peter Seemann

Pfalz-Hub Arbeitsbuehnen
www.pfalz-hub.de

PwC Strategy & (Germany)
www.strategyand.pwc.com

QualifizierungsCENTRUM der Wirtschaft
www.qcw.de

Radicke Lift
www.radickelift.de

Richard Schalk

Riwal Deutschland
www.riwal.com

Roggenland Arbeitsbuehnen und Staplervermietung
www.roggenland-arbeitsbuehnen.de

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www.miniDaT.de

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www.rothlehner.de

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www.rothlehner-k.de

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SAHA LIFT
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Sanders
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www.szb-schulung.de

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www.schwenk-sicherheit.de

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www.sielke-arbeitsbuehnen.de

Silvio Becker

Simon Pulch

SpanSet
www.spanset.de

Stefan Koller

Stefan Liebler

Stephan Lützenkirchen

Stjepan Dumancic

Terex Genie Germany
www.genielift.de

Teupen Maschinenbau
www.teupen.com

Theo Jäckering
www.industriemodellbau.de

Theo-S
www.theo-s.de

Thomas Hensel
www.gutachter-baumaschinen.de

Thomas Zimmer

Tractel Greifzug
www.greifzug.de

TVH Deutschland
www.tvh.com

Uwe Stroot, Schöne & Bruns

Vertikal EVENTS
www.platformers-days.de

Vladimir Weber

Wagert Arbeitsbuehnen-Vermietung
www.wagert.de

Weidler Arbeitsbuehnenvermietung
www.weidler-arbeitsbuehnen.de

WEMO-tec
www.wemo-tec.com

Wilfried Wiegand

Willenbrock Concept
www.mewp.de

Wolfgang Klein
XCMG European Sales and Service
www.xcmg-europe.de

Zeppelin Rental
www.zeppelin-rental.de

GREECE

Hirer/Rental Mateco Hellas
www.mateco.gr

HONDURAS

REIMSA
www.reimsahn.com

HONG KONG SAR

Alimak Group Hong Kong Limited
www.alimakgroup.hongkong.com

Chim Kee Machinery
www.chimkeegroup.com.hk

Feng Yuan (China)
www.fengyuan.com.hk

Galaxy Machinery Trading
www.galaxymt.com

Gammon Construction
www.gammonconstruction.com

Go Bright Rental

Honor Us Equipment (HK) Limited
www.honorus.hk

JLG Equipment Services
www.jlg.com

Lam Yau Hing (Peter Lam)

Link Attempt
www.linkattempt.com

Modern (International)
Access & Scaffolding
www.modern-access.com

Proficiency Industrial Products
www.pipl.com.hk

Shing Fung Engineering & Equipment
www.hkshingfung.com

HUNGARY

Mateco-Hungária
www.gepber.hu

INDIA

Alimak Group India Pvt.
www.alimak.in

CRANE BRAINZ CONSULTANTS PVT
www.cranebrainz.com

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www.haulotte.in

iRise India Private Limited
www.iriseindia.com

JLG Industries India
www.jlg.com

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www.manliftgroup.com

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www.group.renault.com

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www.sudhirpower.com

Sunny Peter Vaz

Trident International Private Limited,
Service Department
www.trident-intl.com

TVH India Private
www.tvh.com

INDONESIA

PT Superkrane Mitra Utama
www.superkrane.com

IRAN

Renault Pars
www.group.renault.com

IRAQ

Al Khudairi Rentals Company
www.alkhudairentals.com

IRELAND

Access & Forklift Services
www.aafs.ie

Advanced National Training Services (ANTS)
www.ants.ie

Aerial Platform Hire
www.aerialplatform.ie

Alan Franzoni (Global Training Solutions)
www.globaltrainingsolutions.ie

Amber Safety Limited
www.ambersafety.ie

Anderlift Safety Services Limited
www.anderlift.ie

Anthony Lane

ASA Safety Group
www.asasafetygroup.ie

Astlecraft (OK Tool Hire)
www.oktoolhire.ie

Ayrton Group
www.ayrton.ie

Blulift
www.blulift.ie

Charteville Hire and Platform (CPH)
www.cphireland.ie

Christian Muraru

Claremorris Safety Training Centre
www.cstc.ie

Cohort Recruitment & Training
www.cohort.ie

Conor Hunt

Corlurgan Training Centre
www.thinksafety.ie

Andrea Boldrini
www.xgroupsrl.com

Damien James O'Connor

Damien O'Reilly

DG Training Academy
www.dgtrainingacademy.com

Drogheda Hire & Sales
www.droghedahire.com

Dromad Hire
www.dromadhire.com

Euro Access
www.euroaccess.ie

Frank Thornton Health & Safety
www.fthealthservices.com

Height for Hire
www.heightforhire.com

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www.heightplatforms.ie

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HSS Training Ireland
www.hss.com

IPS Ireland
www.ipsireland.ie

ISM Training
www.ismtraining.ie

John Ball
www.velocityrentalsolutions.com

John Morrissey

John Power Plant Sales Limited
(Power Plant Hire)
www.powerplant.ie

Laos Hire
laoishire.com

Lift Hire Ireland
www.lifhireireland.com

Loxam
www.loxam.ie

Michael Haslam

Michael McPhillips

National Construction Training & Safety (NCTS)
www.nctstld.ie

National Training Solutions
www.nationaltrainingsolutions.ie

O'Dwyer Safety Services (OSS)
www.odwyersafety.com

O'Reilly MEWP Services
www.mewpservices.com

Patrick Lawlor, PML Safety

Richard Sherlock

Salus Training Services
www.salustrainingservices.com

Scannell Safety Services Limited
www.scannellsafety.com

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www.safety.ie

Stafford Training Services
www.staffordtraining.ie

Stephen Kelly

Stephen Ryan

Steven Slater

Timothy McCann

Tom Callanan

Trade Safety
www.tradesafety.ie

Versalift (Ireland)
www.versalift.ie

Wicklow Hire & Sales
www.wicklowhire.ie

William Hayes

William Keague

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ISLE OF MAN

Hoistline
www.hoistline.com

ITALY

Aerotecnica
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www.aias-sicurezza.it

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www.airo.com

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www.alimak.com/italy

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www.almac-italia.com

Andrea Boldrini
www.xgroupsrl.com

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ANFIA, Gruppo Costruttori e
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www.anfia.it

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AVAL
www.asimovsrl.it

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www.gromet.it

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BERTI Piattaforme Aeree
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Carlo Marcatelli

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Filippo Sabonati

Gefran
www.gefran.com

Giancarlo Norcia
www.tecnolevea.com

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Lext Consulting S.a.S. di Lorenzo Perino
www.lext.it

Lift Level, Noleggiatore
www.liftlevel.com

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M.G.A di Scarsi Maurizio
www.mgacarrellielevatori.com

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www.magniti.com

Marco Novindi

Massimiliano Santi

MASSUCCO T
www.massuccot.com

Mauro Potrich

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www.mediapointsrl.it

Molto
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www.pagliero.com

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www.omec.it

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www.palazzani.it

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www.palfingerplatformsitaly.it

Paolo Ernesto Rossi

Parmiani noleggi
www.parmianinoleggi.it

Piattaforme Aeree Formazione
SAS di Cantamessa Ezio
www.paltraining.com

Platform Basket
www.platformbasket.com

PM Oil & Steel
www.oilsteel.it

Rental Consulting
www.rentalconsulting.it

RIMA
www.rimaspa.com

Roberto Geromin

RUTHMANN ITALIA
www.ruthmann.it

S&T Petrelli, Insurance
www.assicurazioniellevamenti.it

SA.MA
www.samagroupe.com

Sara Trabucchi

Savis Service
www.savisservice.com

SETIF
www.setif-tecnologia.com

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www.tecnocarsrl.it

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www.tecnolevea.com

TECNORENT di Marinoni Pierangelo,
Officina Assistenza e Noleggio

Terex Italia
www.terexitalia.com

TVH ITALIA
www.tvh.com

VG

Werent
www.werentgroup.com

JAPAN

Aichi Corporation
www.aichi-corp.jp

Fuji Kenki Lease Company Limited
www.fj-kenki.co.jp

Hokuetsu Industries
www.airman.co.jp

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www.lift-climber.jp

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www.nagano-ijp

KAZAKHSTAN

APEC Training Center
www.apec.edu.kz

Riwal Equipment Services
www.riwal.kz

KENYA

KAILEYS CONSORTIUM
www.kailaysconsortium.com

KOREA, SOUTH

Alimak Group Korea
www.alimak.kr

Coas,Ltd.
www.coassd.com

GEUM JU LEE

HA EUN

In You Kim

Korea Crane Association
www.koreacranes.or.kr

Korea Rental Corporation
www.korearental.co.kr

One Kyu Chung

Renault Samsung Motors
www.group.renault.com

TAE HWAN KIM

Woolim International
www.wooliminternational.com

KUWAIT

DAYIM EQUIPMENT RENTAL
www.hertzequip.com.sa

Gulf Group, Rental Department
www.gulfgroupco.com

Rapid Access Kuwait
www.rapidaccess-gulf.com

LATVIA

Manitou Nordics
www.manitou.com

Ramirent Baltic Rigas filiāle
www.ramirent.lv

LITHUANIA

Cramo UAB
www.cramo.lt

Ramirent Baltic Vilniaus filialas
www.ramirent.lt

Verslo Aljansas
www.versloaljansas.lt

LUXEMBOURG

Mateco
www.mateco.de

MACAU

MING LEUK WONG

MALAYSIA

Aerial Global
www.aerialglobal.com.my

Alimak Group Malaysia
www.alimak.my

Aver Asia Rental
www.averasia.com

BES Industry & Trading
www.besindustry.com.my

Eastway Engineering
www.eastwaygroup.com

Elevated Resources

Equipinc AWP

Keng Guan Skylift
www.kengguan.com

Manitou Malaysia MH Sdn. Bhd.
www.manitou.com

Nishio Rent All
www.nishio.com.my

Schmetterling Rental
www.thesmtl.com

Superb Access Solutions
www.superb-access.com.my

TH Tong Heng Machinery
www.thtongheng.com.my

TVH Malaysia
www.tvh.com

MEXICO

Aerial Depot S.A. de C.V.

AMMEC Comercial S.A. de C.V.
www.ammec.com.mx

Crane's Engineering & Operator México SA DE CV
www.ceomexico.net

Edelmira Duven

EXPDC3 SAS DE CV
www.xpdc3.com

GRUAS MOVER
www.gruasmover.com

Haulotte Mexico
www.haulotte.com.mx

HEMOECO RENTA
www.hemoeco.com

Identificación, Análisis y Administración
de Riesgos (IAAR)
www.iaar.com.mx

ISI Rentas – Asesoría y Servicios Industriales
www.isirentas.com

Manlift Servicios
www.manliftservicios.com

Maquinas Diesel – MADISA
www.madisa.com

MATECO MEXICO
www.mateco-holding.com

Promotora De Maquinaria De Altamira (PMA)
www.pmatamira.mx

PROSIC, Promotora de Servicios Integrales
para la Construcción
www.prosic.net

Prospac
www.prospac.com

Ramón Padrón Rojas

SEGAMAC
www.segamac.com

T MAQUINARIA
www.tmaq.mx

TVH Parts Mexico
www.tvhamericas.com

Verónica Cruz

MOROCCO

Adam Industries
www.adamindustrie.com

Loxam MAROC
www.loxam.ma

Renault Tanger Méditerranée
www.group.renault.com

MOZAMBIQUE

Mainport Training and Inspection
www.mainportmozambique.com

MYANMAR

Aver Asia (Myanmar)
www.averasia.com

NETHERLANDS

Ab Velhorst

Acaleph Opleiding
www.acaleph.nl

Access Equipment
www.accessequipment.nl

Advanced Mobility Services
www.advancedmobilityservices.com

Alimak Group Benelux
www.alimak.nl

BAC Hoogwerker Verhuur
www.bachogwerkers.nl

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www.beequip.nl

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www.blomopleidingen.nl

Boels Verhuur
www.boelstraining.com

Bogdan Poienar

Bosman TSE
www.bosmantse.nl

Botechnic
www.bt-opleidingen.eu

Brand Energy & Infrastructure Services
www.brandsafway.com

BV Industrial Promotions International
www.ipi-bv.nl

Collé Safety & Training
www.colle.eu

Dek Opleidingen
www.dek.nl

Doornbos Equipment
www.doornbosequipment.com

Engbert Kleine

Eric Klink

Eurosupply Hoogwerksystemen
www.eurosupply.net

Felix van Dijk

Fontexx Cranes & Access
www.fontexx.com

Gerken Hoogwerker Verhuur
www.gerken-hoogwerkers.nl

Gjaltema Verhuur
www.gjaltema.eu

Hans van Gameren

Haulotte Netherlands
www.haulotte.nl

HDW Nederland
www.hdwnl.com

Height Safety Expert
heightsafetyexpert.com

Hendrikse Verhuur
www.hendrikseverhuur.nl

Henrie Schuurmans

HOC Opleiding & Training
www.hoctraining.nl

HOCAP
www.hocap.nl

Holland Huurt
www.hollandhuurt.nl

Holland Lift International
www.hollandlift.com

Hoogwerker Centrum Nederland
www.hoogwerkercentrum.nl

Hoogwerker Verhuur Jeroen
www.hjeroen.nl

Hoogwerker Verzekeren
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Hoogwerkservice
www.hoogwerkservice.nl

HOOGWERKT
www.hoogwerkt.nl

Hugo Nijenhuis

Huurmaat
www.huurmaat.nl

HWS Verhuur
www.hws.nl

IVE International
www.ive-international.com

JLG EMEA
www.jlg.com

Jonkman Opleidingen
www.jonkmanopleidingen.nl

Joop Lems

Junior Verhuur
www.juniorverhuur.nl

Kamphuis Hoogwerkers
www.hoogwerken.nl

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Kok Verhuur www.kokverhuur.nl
Kornelis Koster
Kors Hoogwerksystemen www.kors-hoogwerksystemen.nl
KTS Kraan- en Truck Service www.kraantruckservice.nl
KWAK Hoogwerker Centrum www.kwak.nl
LGMG Europe www.lgmgeurope.com
Loxam www.loxam.nl
Mammoet Academy academy.mammoet.com
Marcel van der Vlist
Mark de Jong
Martin Janmaat
mateco www.mateco.nl
Maurice Jassies
Mehmet Eski
Mennens Rotterdam www.mennens.nl
Michael Renka
NIHO www.nihop.nl
NOLIM Kunststof Rij- en Stempelplaten www.nolim.nl
Nooteboom Trailers www.nooteboom.com
Özel Opleidingen & Advies www.ozelopleidingen.nl
Paulus Landsbergen
Peinemann Hoogwerk Systemen www.peinemann.nl
Peter Meijboom
Peter van der Veen
Pfeifer Rentals www.pfeiferrentals.com
Piet Huibregtse
PJH Verhuur www.pjhverhuur.nl
Pol Hoogwerkers www.pol-hoogwerkers.nl
PortLinq www.portlinq.nl
Rhinox www.rhinox-lift.com
Richard van den Broek
Rijnmond Opleidingen & Cursussen www.rijmondopleidingen.nl
Riwal www.riwal.com
RIXAX Verhuur www.rifax.nl
Rob van Vliet
Samba Tevette
SCE-Academy www.sce-academy.nl
Siesling Hoogwerker Verhuur www.siesling.nl
Sinoboom www.sinoboom.com
Smart Platform Solutions www.sps-bv.nl
STOOF Service & Onderhoud Hefwerkhuizen www.stoof.nu
The Knowledge Opleidingscentrum www.theknowledge.nl
Ton Hilderink
Totaallift www.totaallift.nl
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Van Asten Rescue Trainings www.vanasten-trainingen.nl
Vereniging Van Steiger-, Hoogwerk- En Betonbekistingsbedrijven (VSB) www.vsbnetwerk.nl
VSVK Verhuur www.vsvk.nl
V-Tas www.v-tas.nl

NEW ZEALAND 
Accessman www.accessman.co.nz
TVH New Zealand (Auckland Branch) www.tvh.com
TVH New Zealand (Christchurch Branch) www.tvh.com
NORWAY 
Alimak Group Norway A/S www.alimak.no
DigiQuip www.digiquip.com
Drammen Liftutleie www.drammenlift.no
GANTIC www.gantic.no
Instant Norge www.instant.no
Loxam, Norway www.loxam.no
Naboen Utleie www.naboen.no
Renta www.renta.no
OMAN 
Al Sarooj Safety Services www.alsaroojs.com
Integrated SafetyInternational Services www.isafety.co
Muscat Overseas Engineering Services www.muscatoverseas.com
Oman E learning www.omanelearning.com
Rapid Access Oman www.rapidaccess-gulf.com
PAKISTAN 
Meraj Limited www.merajlimited.com
PANAMA 
MATECO PANAMA www.mateco.pa
PERU 
Hirer/Rental Alo Group Perú www.alogroup.pe
Hirer/Rental FAST Engenharia e Montagens www.fastengenharia.pe
Hirer/Rental UNIMAQ www.unimaq.com.pe
PHILIPPINES 
Earthworx Development Corporation earthworxrental.com
POLAND 
Haulotte Polska www.haulotte.pl
HDW Poland www.hdw-int.com
Mateco Podesty Ruchome www.mateco.pl
Ramirent Poland www.ramirent.pl
Renta Poland www.renta.pl
Riwal Poland SP www.riwal.com
TVH Polska www.tvh.com
PORTUGAL 
CIFESP, Lda www.cifesp.com
Elevek by Ciclo Papril www.elevek.com
Going Up Portugal, Aluguer de Plataformas Elevatórias www.going-up-portugal.pt
Gonçalo Pereira

Jorge Lozano – Trabalhos Em Altura – Form/Serv Unipessoal www.jorgelozano.pt
Luis Manuel Lucas Leitão Augusto
Machrent SA www.machrent.pt
Manitou Portugal www.pt.manitou.com
Mário Santos
Palfinger Comércio e Aluguer de Máquinas
Petrica Editores, Revista Seguranca www.revistaseguranca.com
Renault, Portugal www.group.renault.com
Rúben Santos
Soluções Outdoor www.solucoesoutdoor.com
Transgrua – Transportes, Representações e Aluguer de Equipamentos www.transgrua.pt
Transporel – Sociedade Unipessoal www.transporel.pt
Triformis- Formação E Consultoria Tecnica www.triformistecnica.pt
TVH Portugal www.tvh.com
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Vitor Manuel Santos Ribeiro
QATAR 
Dayim Equipment Rental www.hertzequip.qa
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Branch of Korea Rental Corporation
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SINGAPORE 
Alimak Group Singapore www.alimak.sg
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Institute For Aerial Lift Safety
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www.mecAWP.com

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www.nlt.com

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acim.nidec.com

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IPAF ADDS TWO NEW SUSTAINING MEMBERS

During 2022 IPAF was pleased to be able to welcome two new companies to its Sustaining Membership category. With headquarters in Dordrecht, Netherlands, Riwal was founded in 1968 and has grown into a major rental and training company specialising in working safely and efficiently at height in 16 territories, including the Middle East and India under the Manlift brand. In March, Riwal became IPAF's first rental and training Sustaining Member.

And in July, Eagle Platforms became IPAF's first UK-headquartered rental and training Sustaining Member.



With headquarters in Anston, Sheffield, South Yorkshire, Eagle Platforms provides powered access machine hire and quality training. The company is accredited to IPAF Rental+ Standard, and becomes the sixth IPAF member worldwide to become a Sustaining Member – a category of membership designed to recognise and sustain IPAF's strategic initiatives and contribution to improving safety and productivity in powered access



worldwide. IPAF's other sustaining members are: Alimak Group, APEX, AON (formerly Henderson Insurance Brokers), and Haulotte.

Peter Douglas, CEO & MD of IPAF, says: "IPAF exists to support our members, and we couldn't progress our objectives without them – whether that's improving global incident reporting, developing our training programme, building up the profile of the IPAF Rental+ quality assurance scheme with tier-one contractors, or offering safety campaigns and technical guidance in response to what global accident trends are telling us. We are very grateful to all our Sustaining Members."

WITH SPECIAL THANKS TO OUR SUSTAINING MEMBERS



THANK YOU TO THE FOLLOWING COMPANIES WHO SPONSORED IPAF EVENTS, WEBINARS, AND WORKSHOPS DURING 2022:





Promoting the safe and effective use of powered access worldwide

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