



Safety at Height;
how MEWPs can
rise to the
occasion.

Tim Whiteman, CEO & Managing Director,
IPAF



Best Practice Guidance for MEWPs
Avoiding Trapping / Crushing Injuries to
People in the Platform



Strategic Forum for Construction
Plant Safety Group



ABOUT US

IPAF is A not-for-profit members' organisation which represents the interests of:
Manufacturers, Distributors, Rental companies, Training Companies, Users



www.ipaf.org

Why Powered Access?



MEWPS are SAFE

MEWPS are PRODUCTIVE

The cost of accidents are high

1.35 million MEWPs in
rental fleets

www.ipaf.org/reports



MEWPs are safe!

MEWPs have very low fatalities

MEWPs involved in only 0.67% of all fatal workplace accidents

Falls from height are **20 - 30%** of all fatal workplace accidents

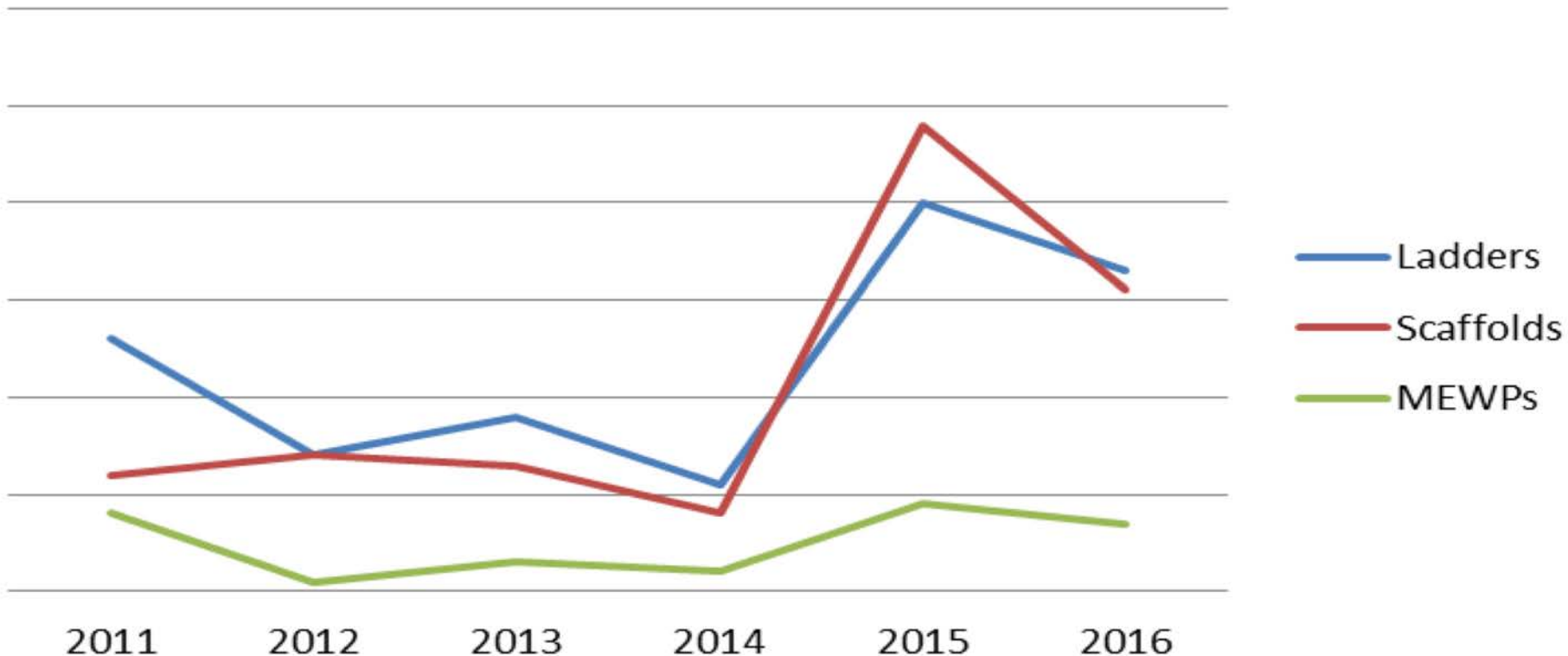


The **top 3** causes of Falls from height are

1. Structures
2. Roof
3. Ladder



Fatal Falls from Height by Access Type



Study of 10 countries reported fatalities. (Austria, Australia, Canada, Germany, Hong Kong, Ireland, Japan, Singapore, UK, USA)

The study uses government published reports since 2000.

MEWPS are Productive!

*The key driven factor for increased adoption of the MEWP is for **boosting of site productivity.***

*“MEWPS such as Scissor lifts and Boom lifts are highly **versatile**”*

Comparison of Plastering

Manpower Productivity increased **6 times**
when using a boom or scissor lift instead of scaffolding

Cost reduced by **5 times** in total cost

Er. Tan Kee Chong
Deputy Director (Engineering Safety)
OSH Specialist Department . Ministry of Manpower



The cost of accidents is high!

Financial



Social



Productivity

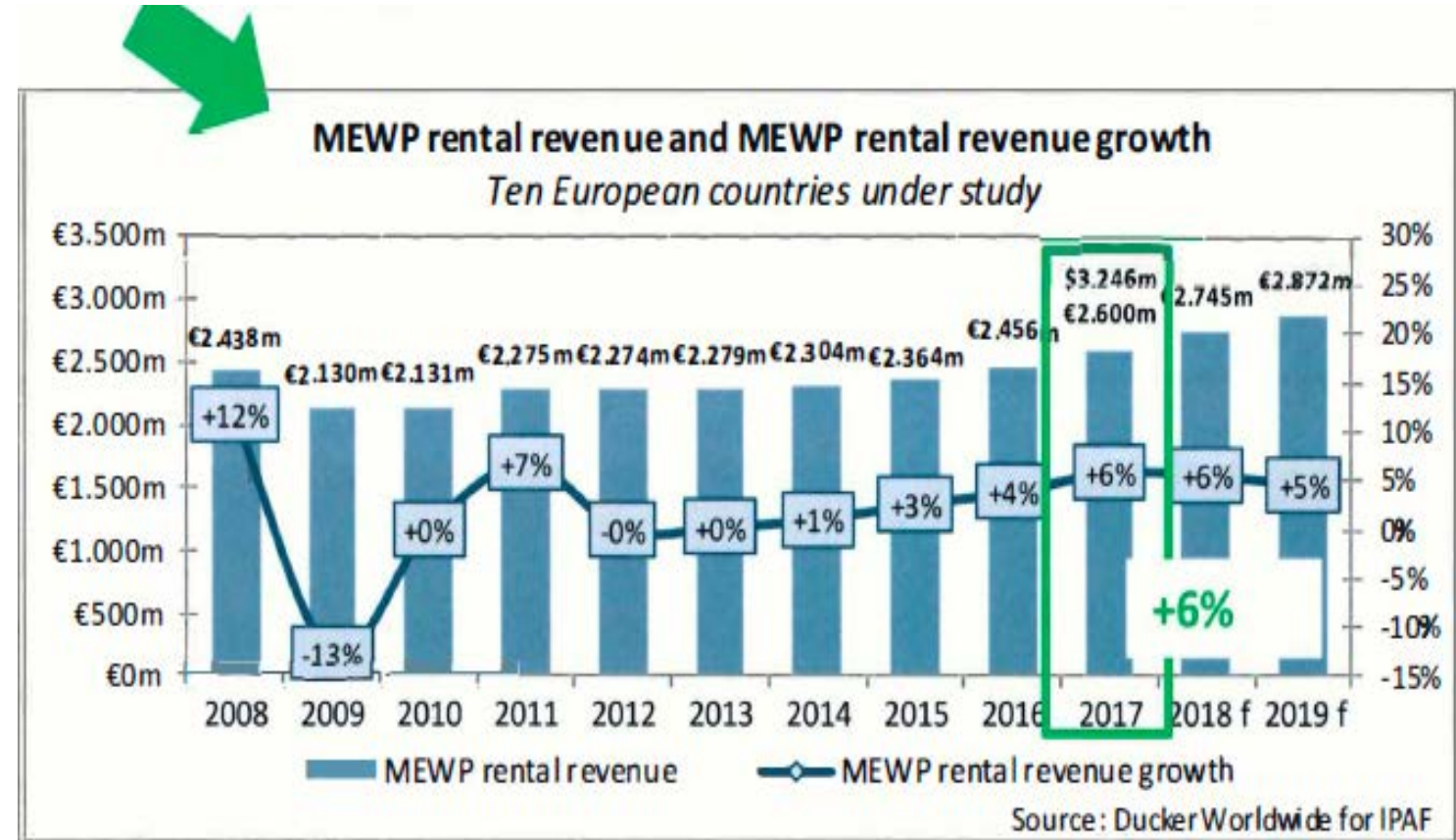


Business focus



*It is possible to have zero accidents
Accident management saves time, money and worry*

The global trend in the elevation of people is upwards; there are opportunities as people are still using the wrong equipment



Global trends are for optional equipment and also towards more training for operators and their managers.

ANSI A92.22 & A92.24

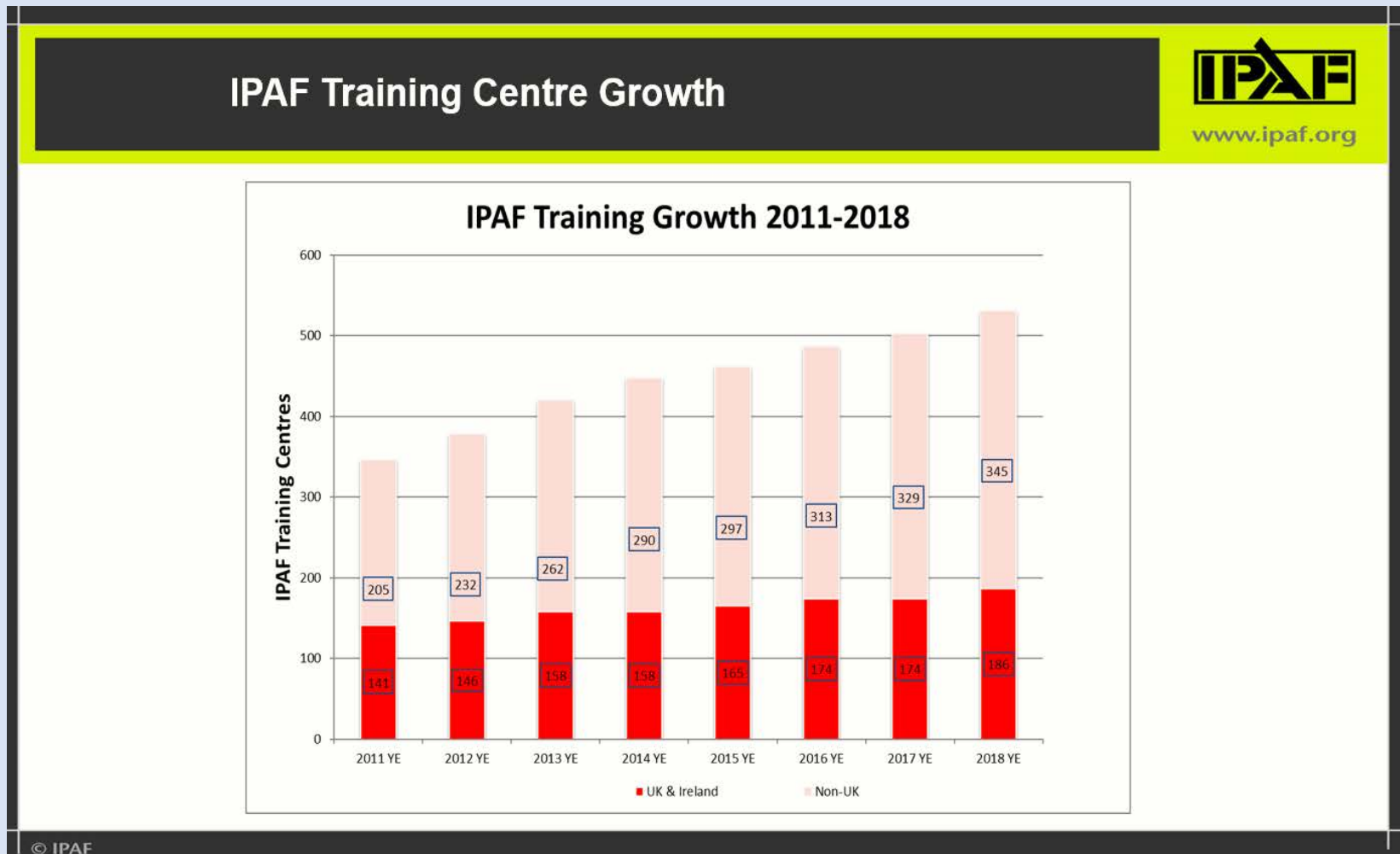


The user shall ensure that after familiarization, the operator operates the MEWP for a **sufficient period of time to achieve proficiency.**

Users shall ensure **personnel that directly supervise** MEWP operators are trained.....

- proper **selection** of the correct MEWP for the work to be performed;
- **potential hazards** associated with use of MEWPs and the means to protect against identified hazards;

IPAF Continues to invest in its operator and manager training which is available at approved training centres.



E-learning

MEWPs for Managers



Site Tour

You now need to tour the site and see where the work is taking place.

Explore the sites and select ALL the hazards that you find along the way.
You can zoom in and out by using the '+' and '-' buttons on the top left of the image.



Augmented Reality MEWP Simulators



ONE POSSIBLE FUTURE

10 years from now, what might be the process for obtaining a PAL Card?



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IPAF SMART PAL CARD



Tim
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CEO &
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