



The Evolution of Training

in the Era of Virtual Reality Combined with Data Analysis

在新時代下數據分析與虛擬實境的結合與應用

Eunice Wong



XR Training &
Learning



Led by Experts

VTM was founded in 2016 by a group of visionaries and led by the Chairperson of Hong Kong Digital Entertainment Association, Mr. Dao Mun Chi as our CTO and Mr. Dao Mun Fun who has more than 30 years of experience in corporate and strategic planning, as our CEO.

Another Level of Learning

VTM's vision is to design cutting edge XR training systems to revolutionize the current approach to learning and training as well as to advocate higher-order thinking.

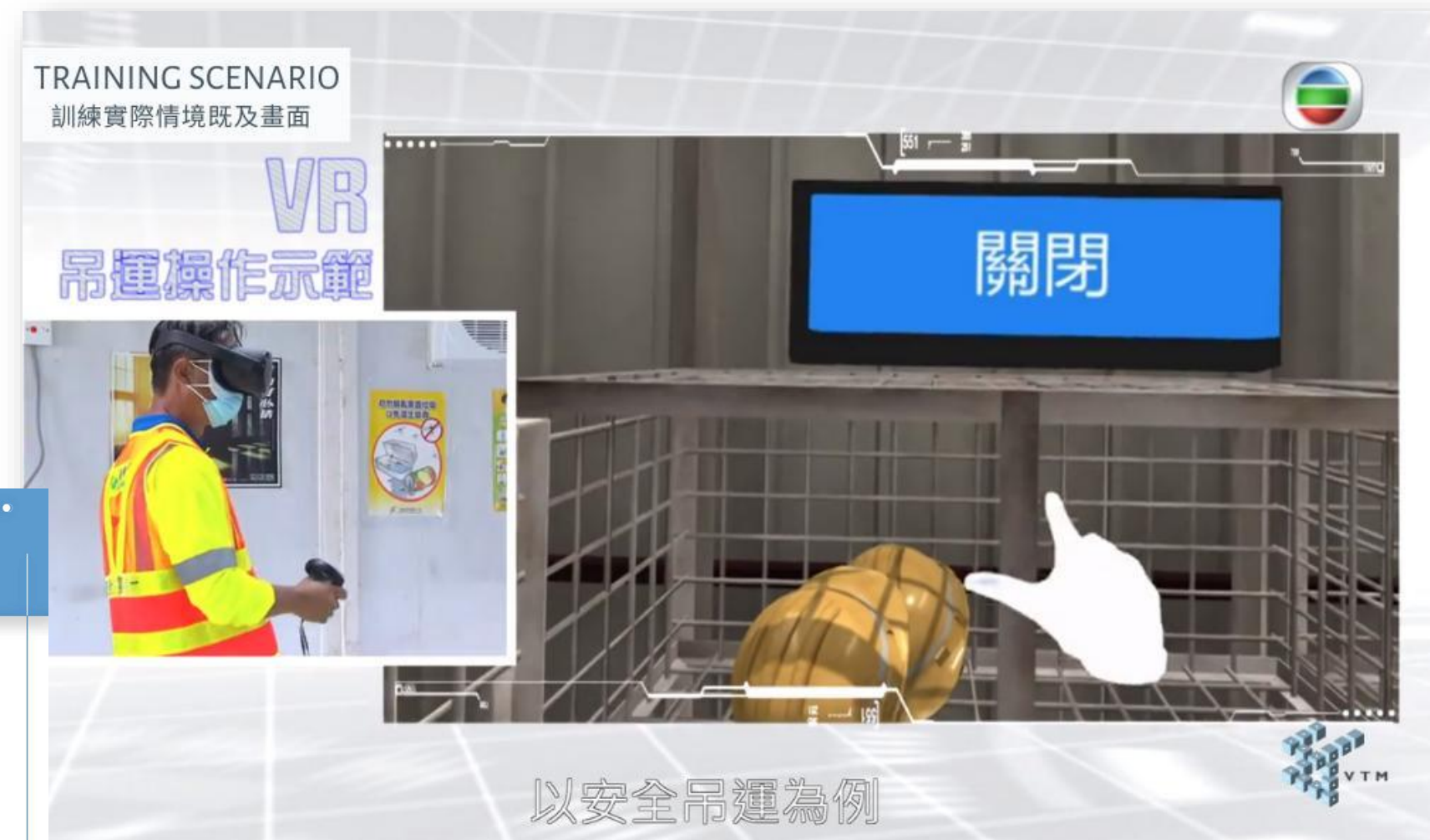
XR Training System

VTM's mission is to accelerate the XR training into an indispensable way of training with higher effectiveness and efficiency than existing methods.



Media Interview

As Hong Kong market leader in XR, VTM has been interviewed by TVB, Hong Kong Economic Times (HKET), Wen Wei Po etc.





100+

Projects Completions

80,000+

Number of Learners

79%

Level of Effectiveness Enhancement



5 Key Areas

VTM's developed over 100+ solutions to our clients with different industry.



Operational Efficiency



Healthcare



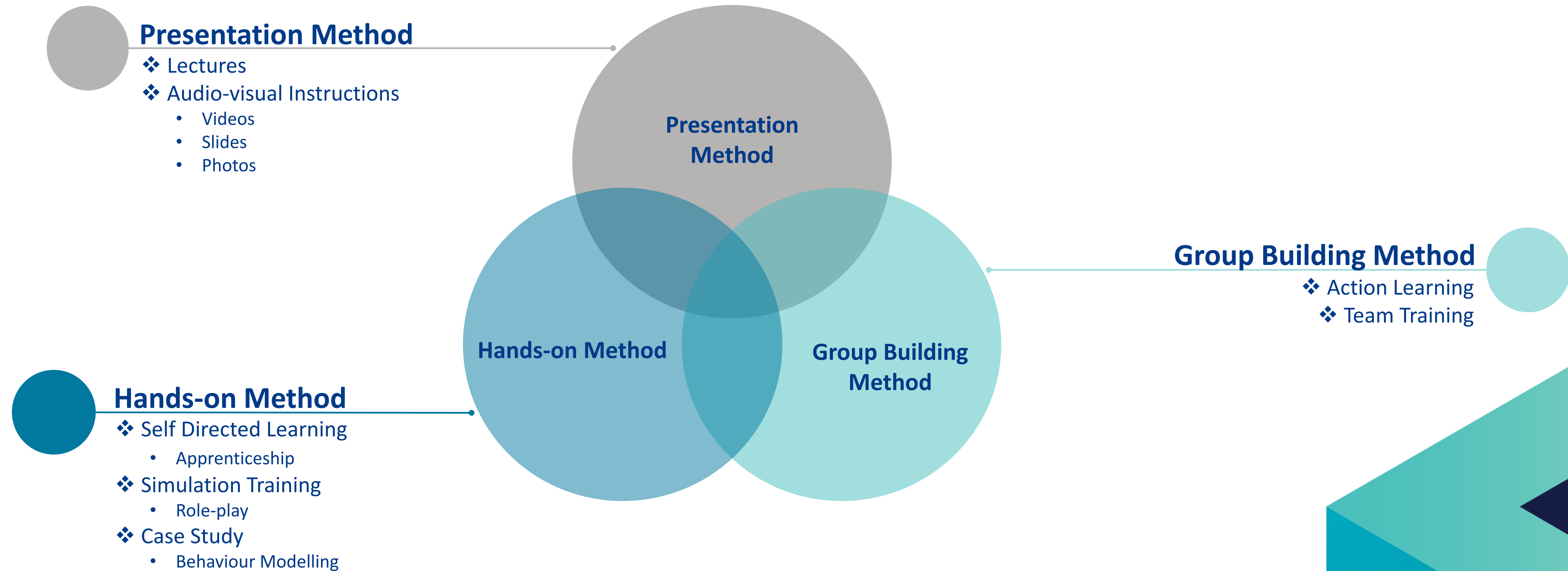
Occupational Health & Safety



Education



Soft Skills



Lecture

Audio-visual
Instructions

Lecturer



Passive Recipient

One-way
Communicationfacts, process and
problem-solving skills

2

Hands-on & Group Building Methods

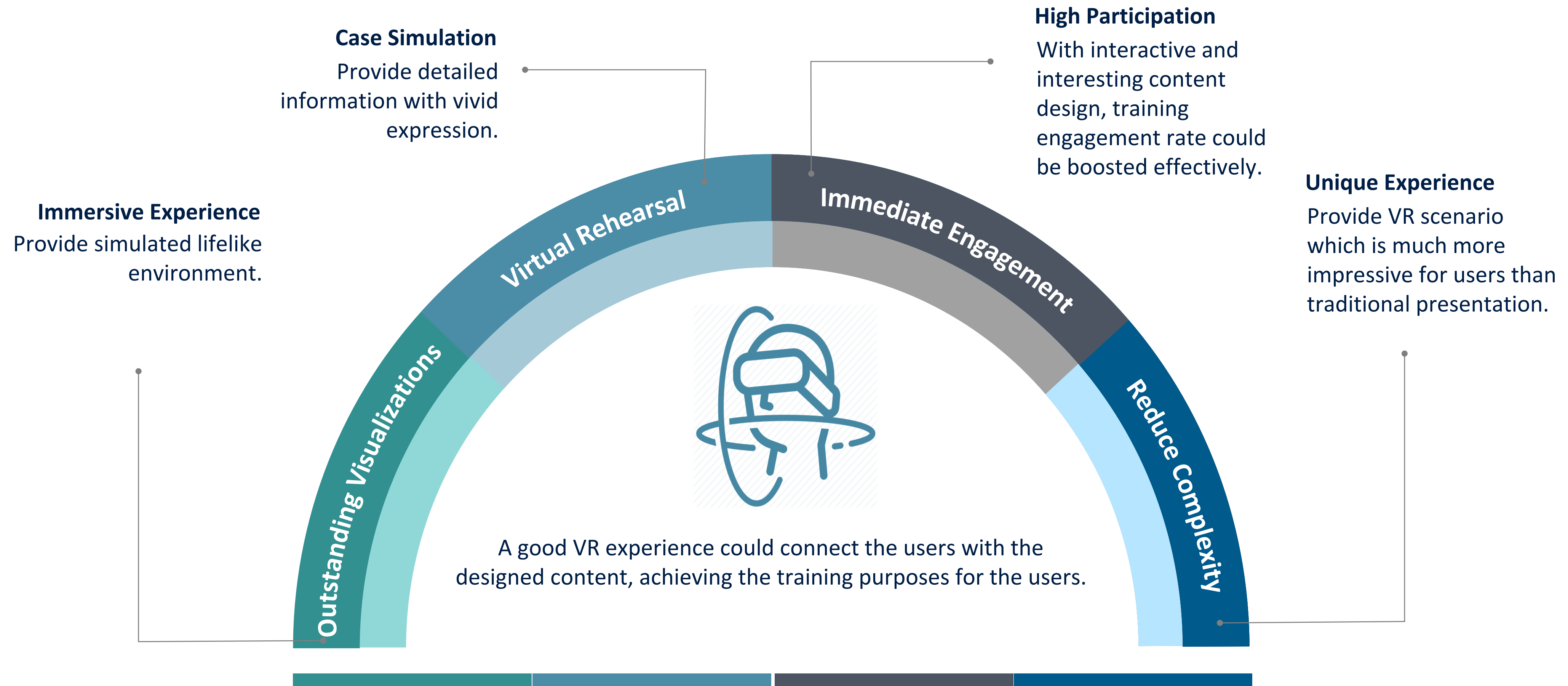


- Expensive
- Time-consuming
- Low Engagement



3

Advantages of Virtual Reality



3

Popularity of Virtual Reality



Growing Popularity in VR

In 2017, there were just 22 million VR users in the U.S., and by 2020 there were 50.2 million users. This number is expected to continue to grow and reach just under 70 million by 2023.

22,000,000

VR Users in 2017

70,000,000

VR Users in 2023



Percentage Increase in VR Popularity
from 2017 to 2020

128%



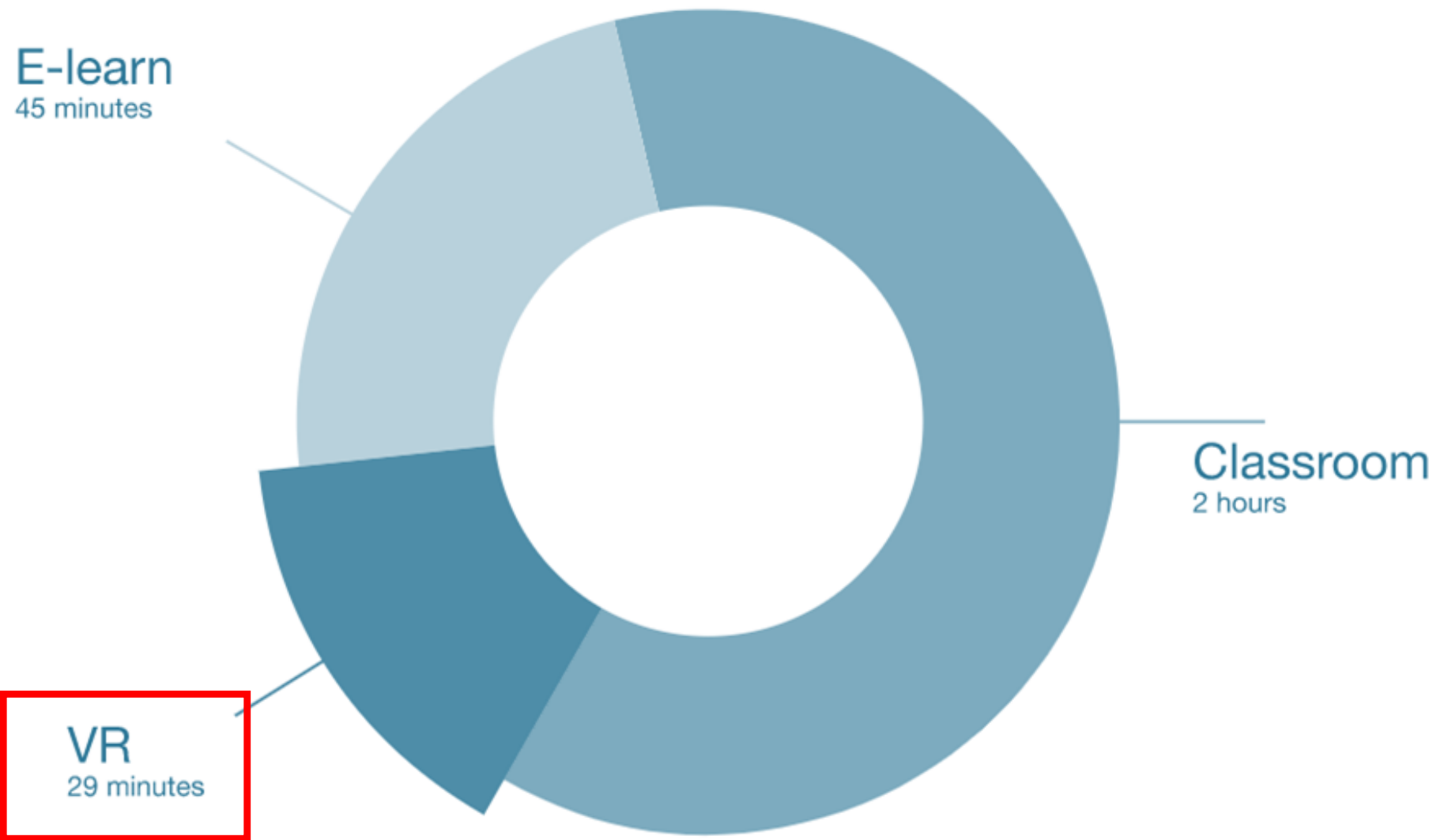
Percentage Increase in VR Popularity
from 2020 to 2023

40%

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Benefits of Using Virtual Reality

Time to complete training



learners were:

4x

faster to train than in the classroom

275%

more confident to apply skills learned after training

3.75x

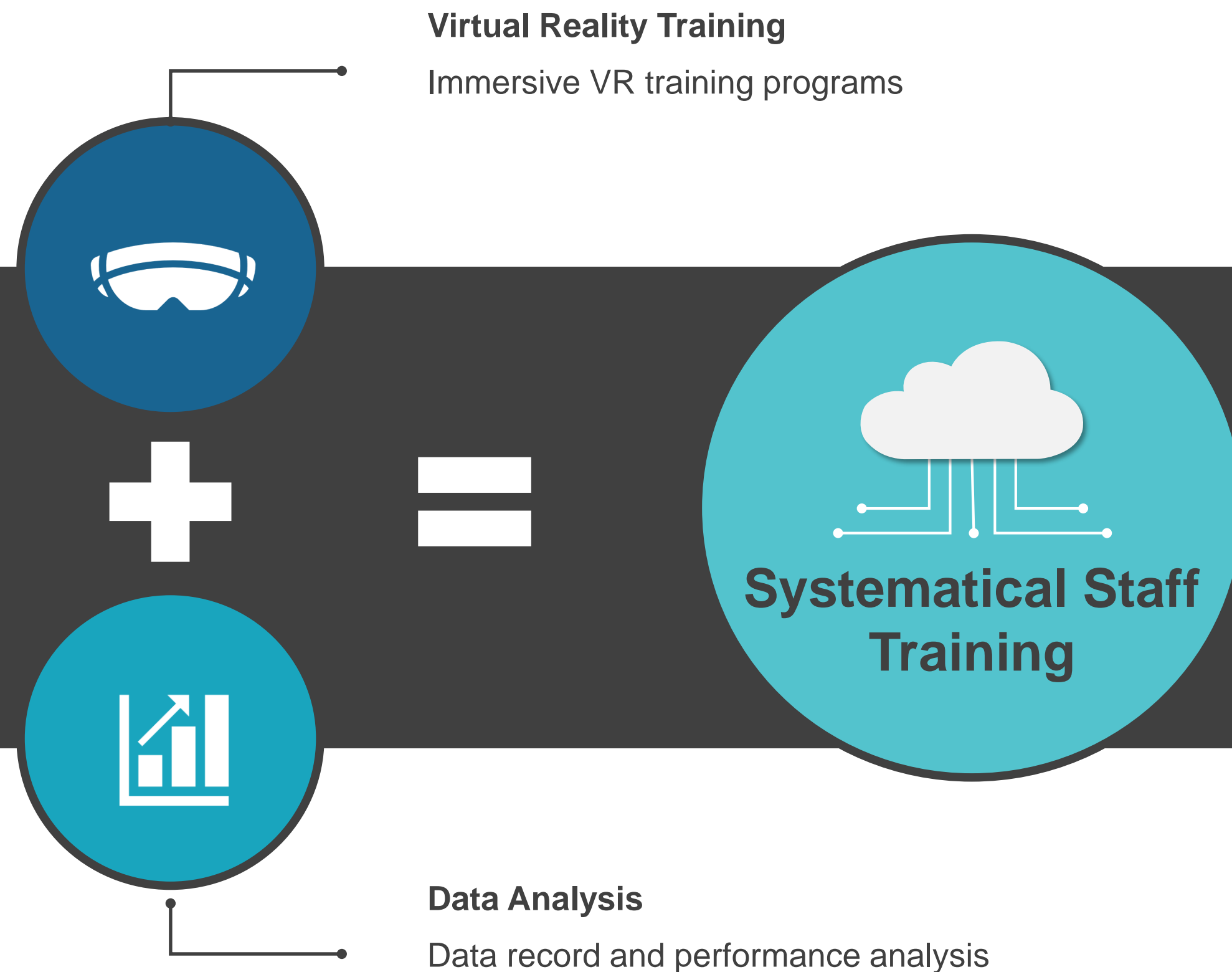
more emotionally connected to content than classroom learners

	Classroom	E-Learn	VR
How many times were you multitasking or distracted during this experience?	0.78	1.93	0.48
How many minutes do you estimate it took to get back on task?	1.00	2.63	0.48



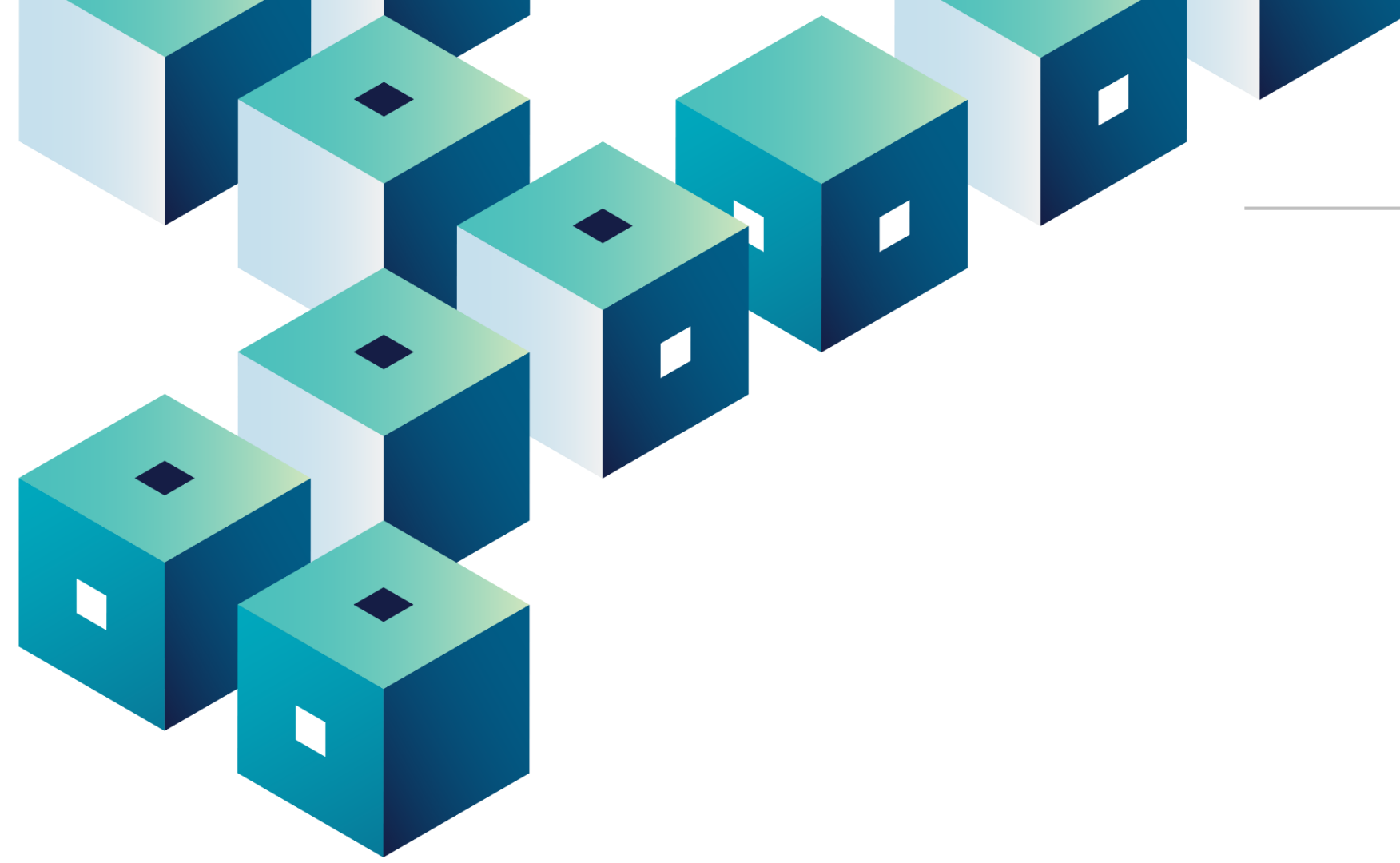
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Virtual Reality Combined with Data System



Systematical Data-driven Staff Training Programs

By recording the training data, trainer could develop training strategies for every staffs to have better training effectiveness and efficiency.

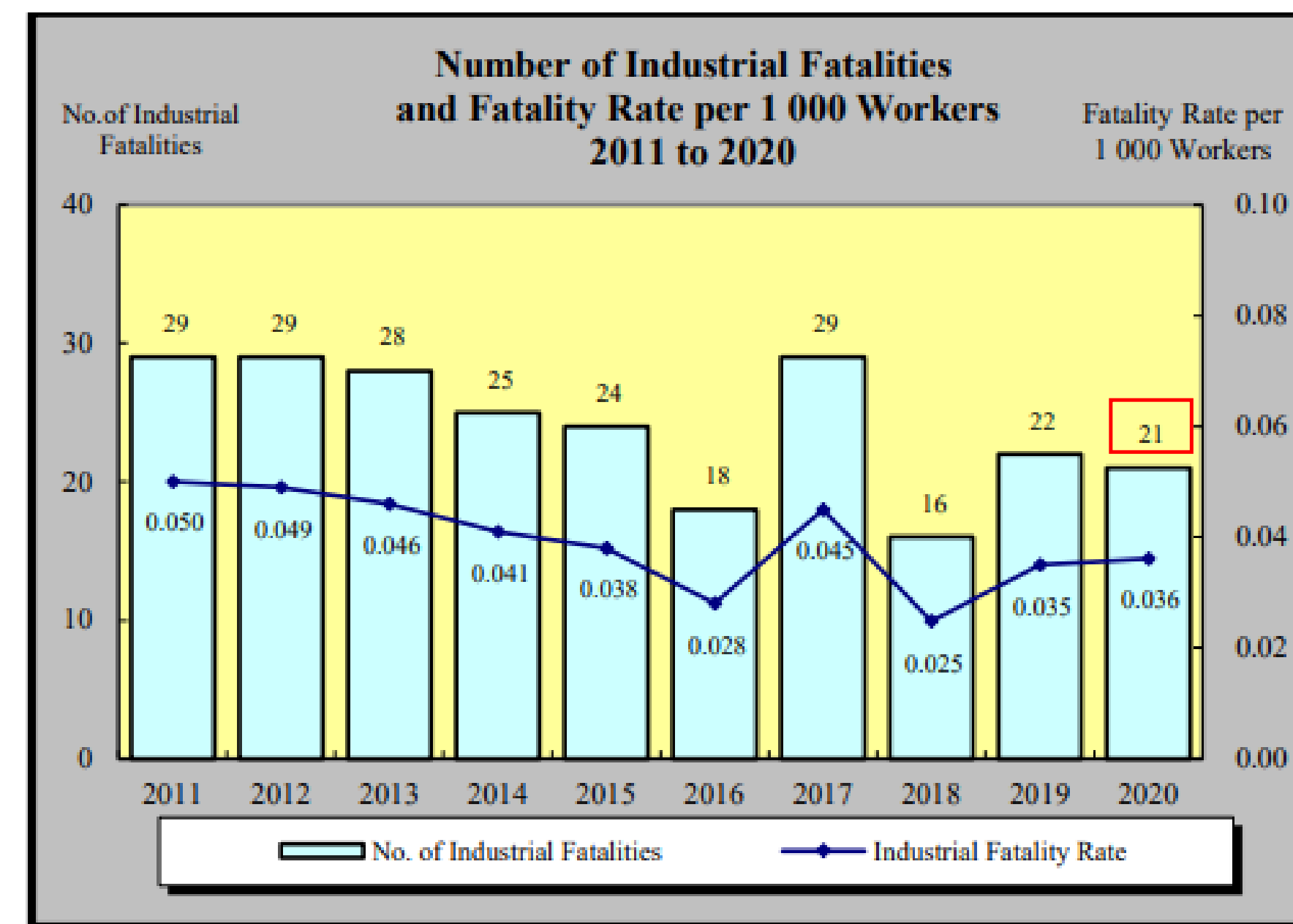
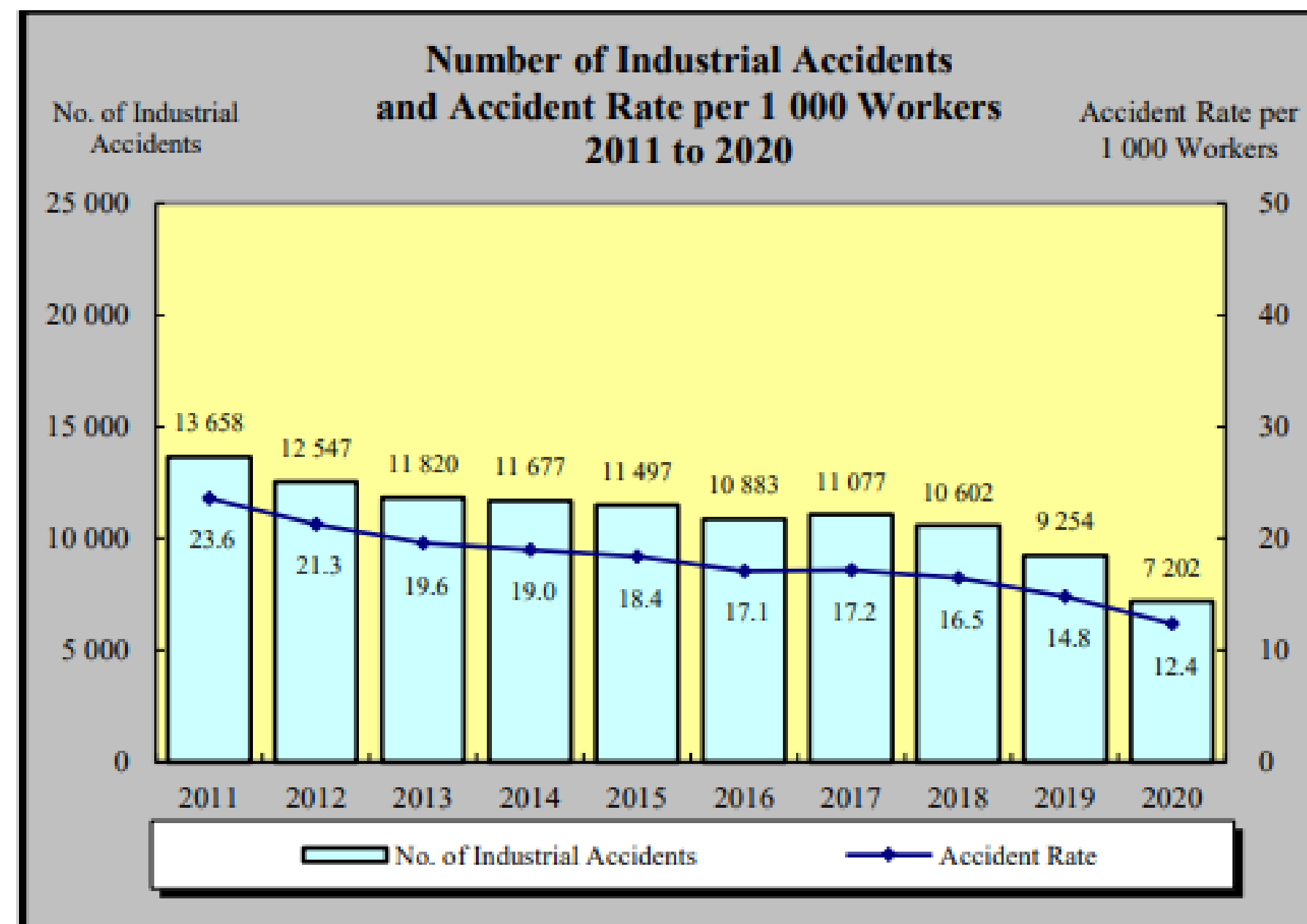


Case Study – Construction Training Platform



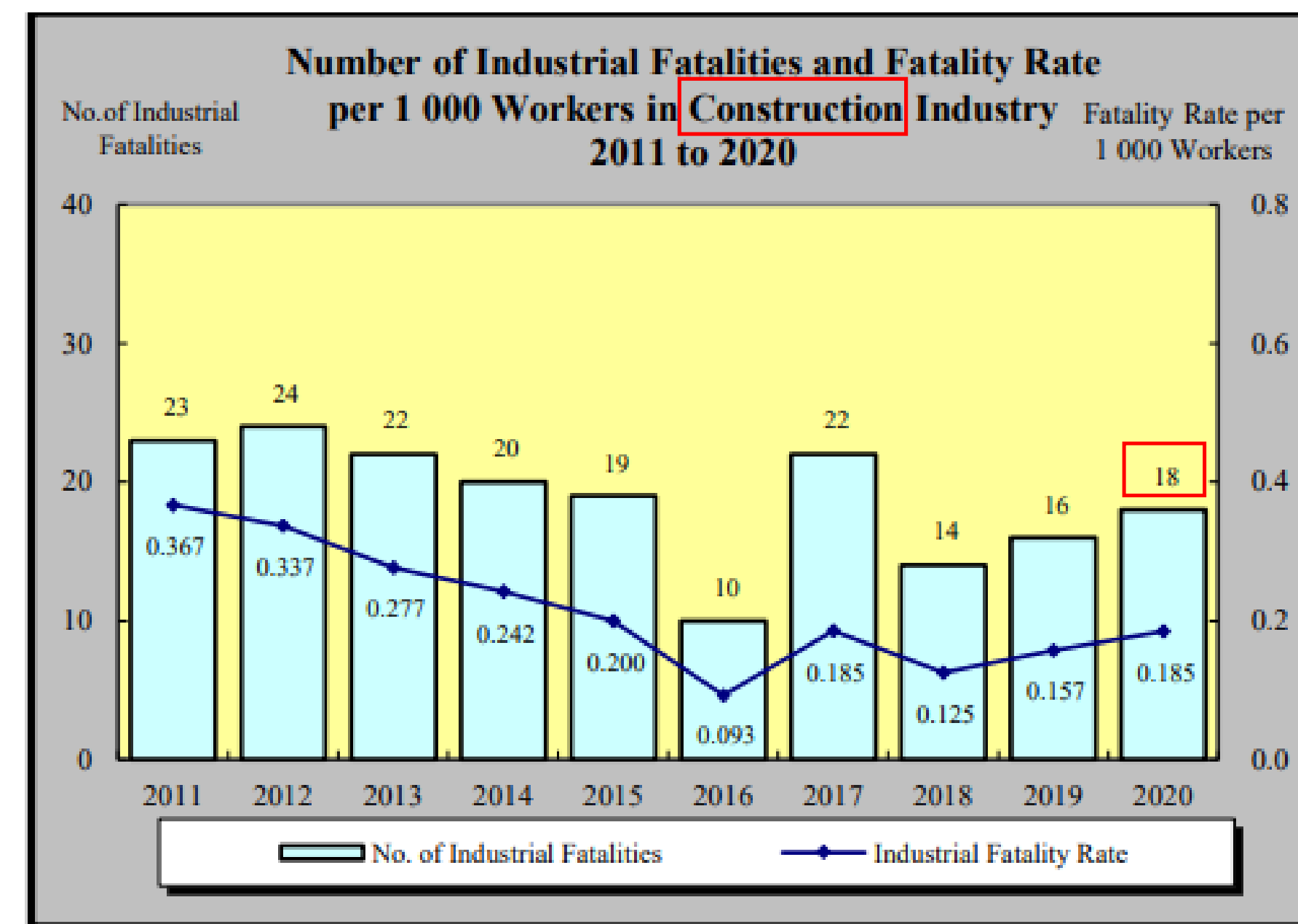
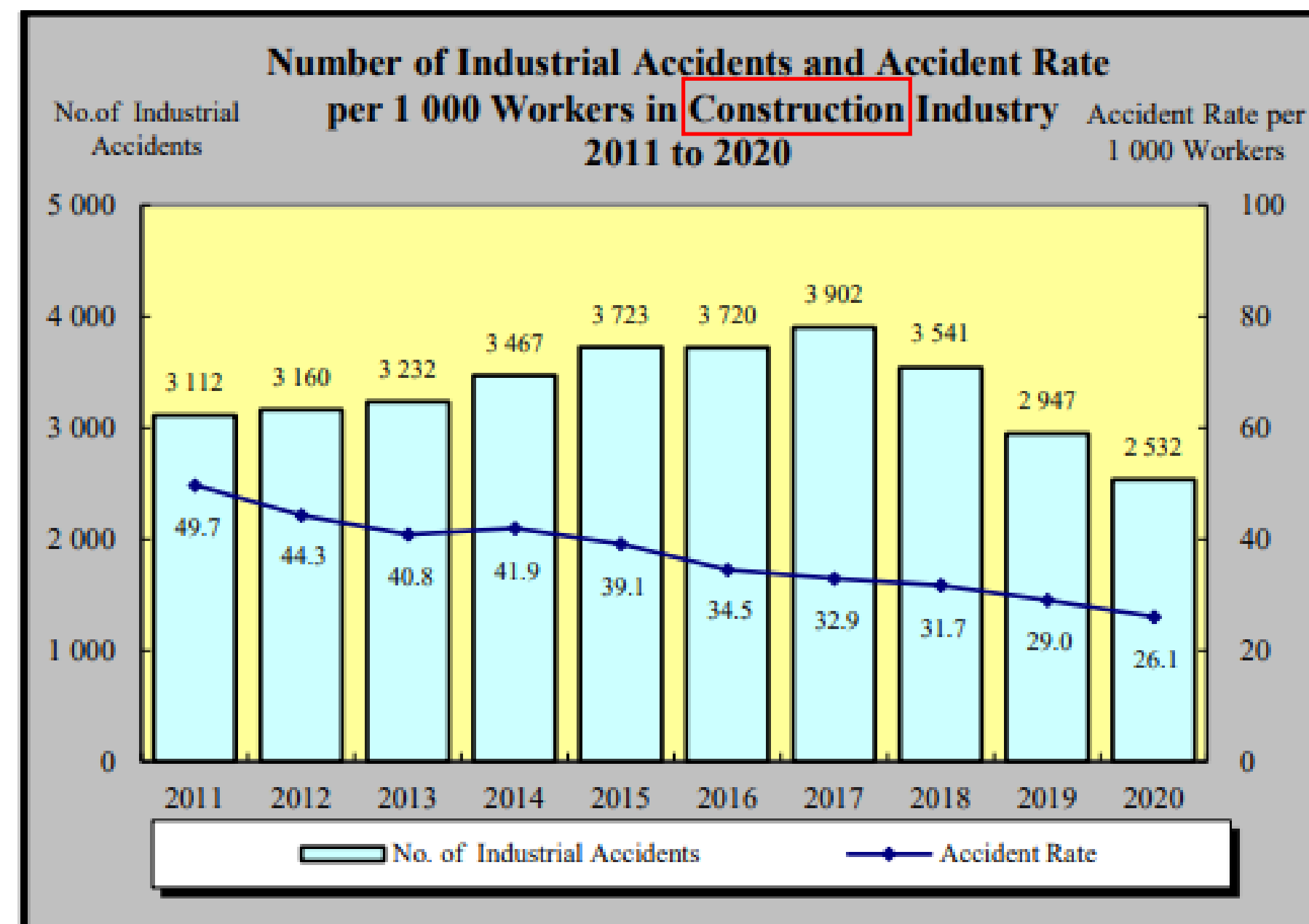
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Case Study – VR Training in Construction Industry



5

Case Study – VR Training in Construction Industry



5

VTM – Construction Training Platform



Construction Training Platform

In Extended Reality

Professionalism

- Industry experts
- Safety consultants

VR Training

- Group of trainees
- Time saving
- Team spirit building

Multi-users

- Tailored according to your needs
- Lower training cost
- High flexibility

High Effectiveness and Efficiency

- Provide real-time performance evaluation
- Encourage two-way communication
- Enhance engagement



5

VTM – Construction Training Platform



Construction Training Platform

In Extended Reality

Our Modules Covered:

1. Confined Space
2. Foundation Work
3. Lifting
4. Work from Height
5. Hot Work
6. Electrical Work
7. Emergency Handling
8. Building Maintenance Unit (BMU)
9. Digging
10. Power-operated Elevating Work Platforms

5

VTM – Construction Training Platform

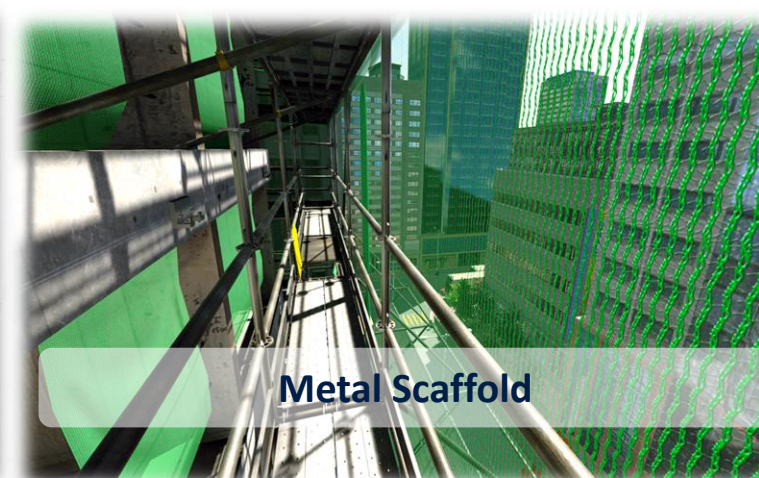


Construction Training Platform

In Extended Reality



Electrical & Mechanical



Metal Scaffold



Manhole for CP



Manhole for CW



Crane



Flame Cutting



Electricity Drills



Formwork

**Above training topics are part of our modules.*



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VTM – Construction Training Platform



Over 60%
Government Project



10,000 +
Learners



Over 90%
Satisfaction

5

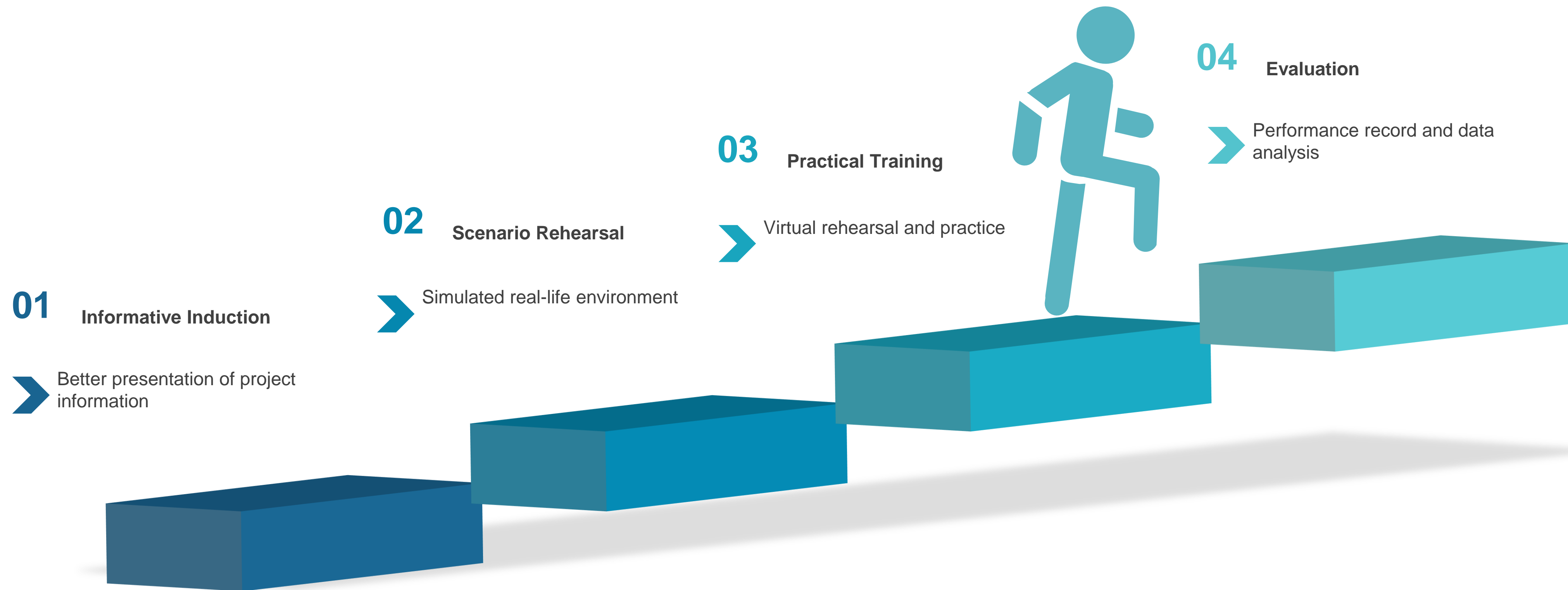
VTM – Construction Training Platform

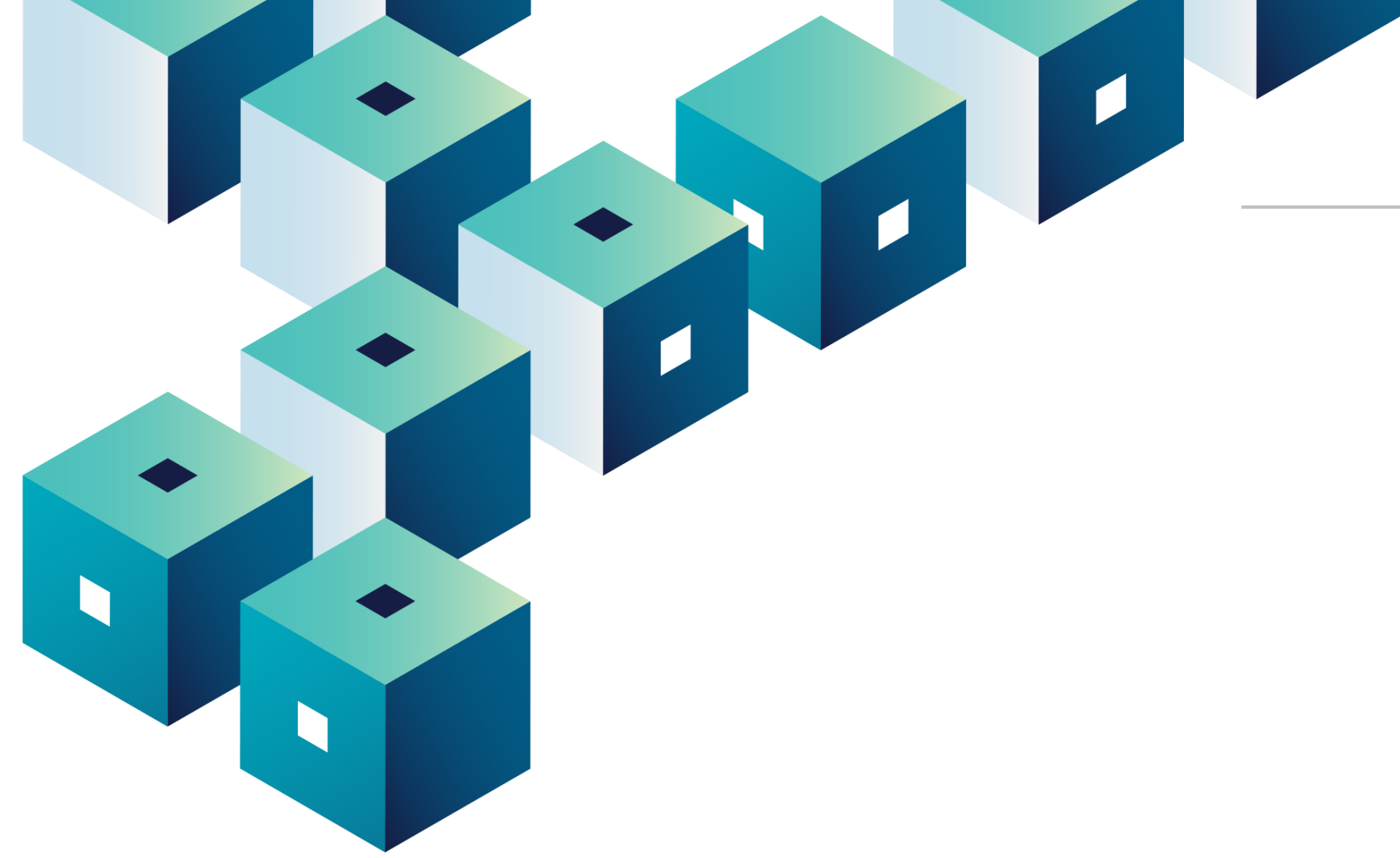


AAHK -香港三跑工程
 ASD -沙田水泉澳小學工程
 CEDD -東涌填海工程
 CEDD -古洞北及粉嶺北發展工程
 CEDD -古洞北新發展區至石湖墟的道路和渠務工程
 CEDD-缸瓦甫警察設施土地平整及基礎建設工程
 CEDD-洪水橋發展工程
 WSD -將軍澳海水化淡廠工程
 DSD -活化翠屏河工程
 DSD -石湖墟淨水設施工程
 DSD -坪輦污水處理廠工程
 DSD -將軍澳污水收集系統工程
 HYD -西貢公路工程
 HA -青衣公屋項目
 HA -屯門公屋項目
 HA -葵涌醫院重建工程
 Private developer -黃竹坑上蓋項目
 Private developer -火炭房屋項目
 Private developer-天榮站上蓋發展項目

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VTM – Construction Training Platform





Case Study – Property Management Training Platform



6

VTM – Property Management Training Platform



Property
Management
Training Platform

Professionalism

- Industry experts
- Safety consultants

VR Training

- Group of trainees
- Time saving
- Team spirit building

Multi-users

- Tailored according to your needs
- Lower training cost
- High flexibility

High Effectiveness and Efficiency

- Provide real-time performance evaluation
- Encourage two-way communication
- Enhance engagement

6

VTM – Property Management Training Platform



Property
Management
Training Platform

Occupational
Health and
Safety

Operational
Efficiency

Soft skills



Security Guard



Maintenance
Worker



Cleaner &
Gardener



Customer Service

6

VTM – Property Management Training Platform

Safe Use, Handling, Storage and Transport of Materials

- Manual Handling and Lifting
- Chemical Spill Handling

Environmental Protection

- 5S application in office

Customer Services

- Emergency handling
- General customer services training

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Utilization of VR Training Data






Thank You !

Start your XR training and learning today !
Please contact us for more details.



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