



Chemical
Management
Initiative
CMI 2023
Phase 1 review

Chemical Management
Initiative
CMI 2023

COLLECTIVE ACTION FOR IMPROVEMENT in Chemical Management



Organised by
giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



ACTIVE CREATION CO., LTD

JIU DEH COLOR PACKING CO., LTD

LONG DUC PACKING CO., LTD



VIETNAM CREATIVE SOURCE CO., LTD

QUANG NINH TOP CORONET SHOES CO., LTD

GRAND GAIN FOOTWEAR MANUFACTURING CO. LTD

TUYEN QUANG – VIETNAM CHUNG JYE SHOES
MANUFACTURE CO., LTD

SEES VINA CO., LTD

SUNGJIN INC VINA CO., LTD

VINA PRAUDEN CO., LTD

MSK VINA CO., LTD



BRANCH HCM OF JIN WON VIETNAM CO., LTD

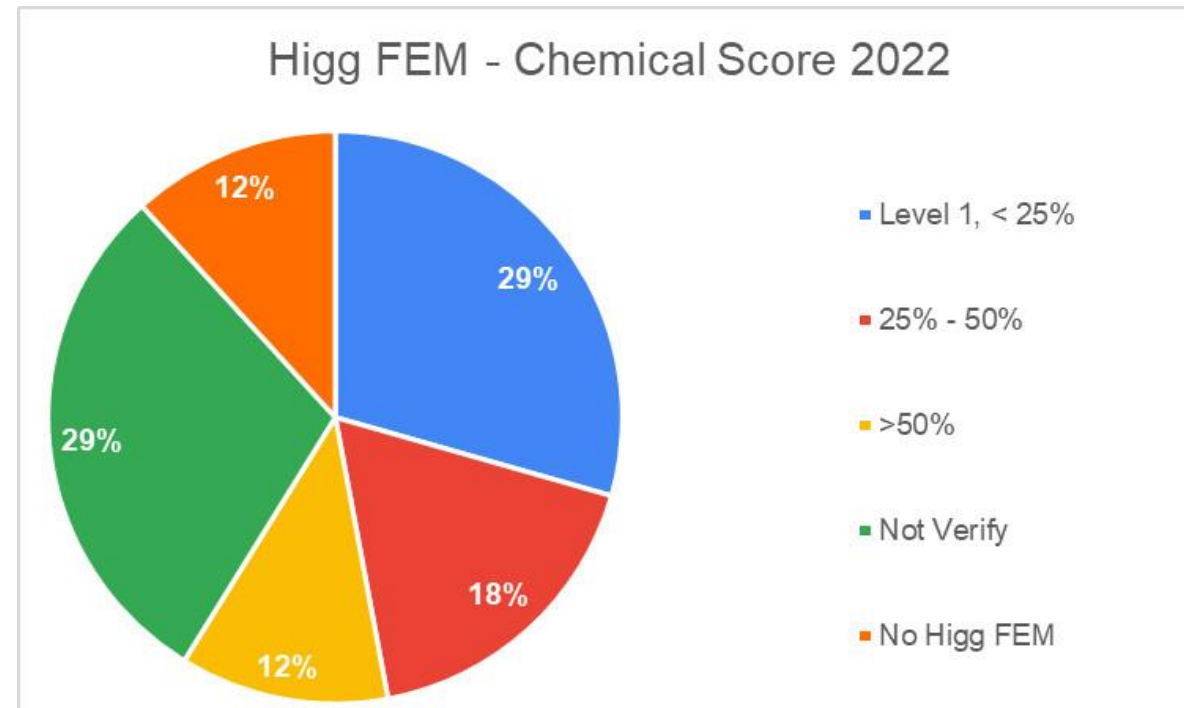
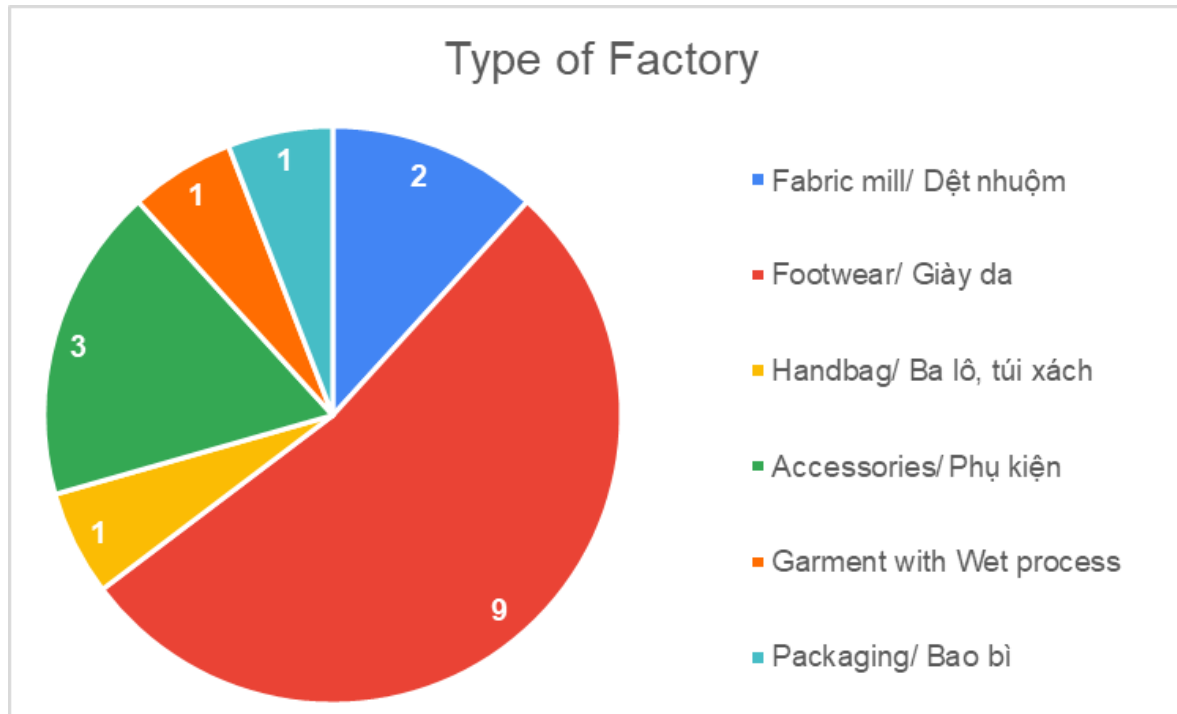
TRY ON RUBBER VIETNAM CO., LTD

SUNRAY/EVER SUN FOOTWEAR CO., LTD –
FULGENTSUN GROUP

Leadership & Sustainability

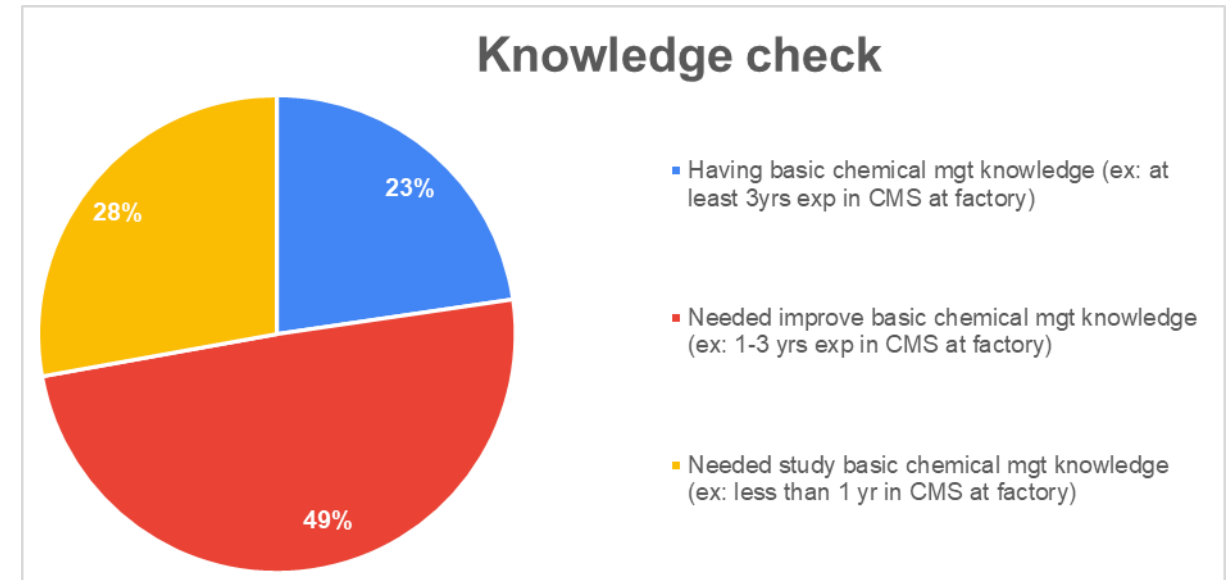
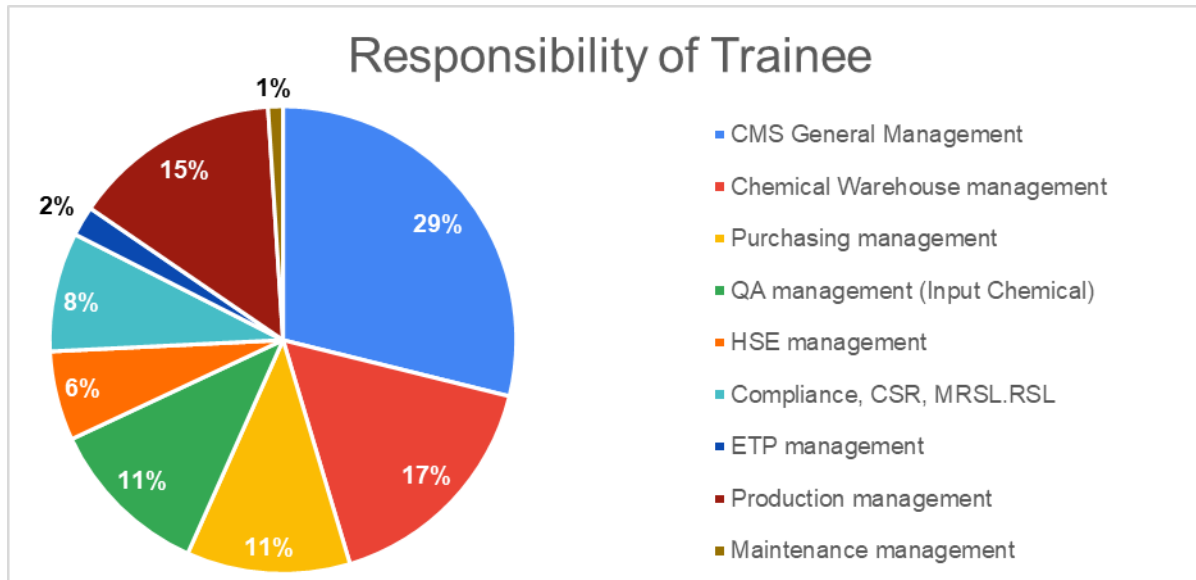
YOUNG IL CO., LRD

CMI 2023. Factories



Total: 17 Factories

CMI 2023. Learners



- Total 98 people:
 - 68% with roles of supervisor, team lead, or management.
 - 32% with staff level. Various department/unit relating to Chemical Management: *compliance/EHS, QA, Purchasing, Maintenance, ETP, Production, Warehouse*
- 4-7 people per factory. **Training the whole factory chemical team, on-need basis.**
- 23%: having 3+ years experience in chemical management

Learning for Taking Action

Phase 1: Training & Advisory: **completed in August 2023**

| | | |
|---|--|--|
| <p><u>Office Hours</u> (8 OH, for all)</p> <ul style="list-style-type: none">• 11 July - 15 August• Examination date: 15th August 2023 | <p>Group Consultation (3-5 sections)</p> <ul style="list-style-type: none">• <i>Chemicals Implementation Plan</i>• Group consultation | <p>At site consultation</p> <ul style="list-style-type: none">• PUMA/VFC factories |
|---|--|--|

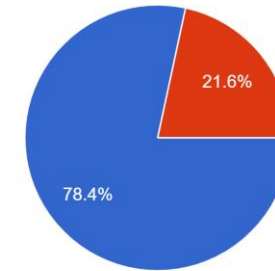
Phase 2: Deep dives & on-line Q&A: merged into To the Finished Line TFL 2023

| | | |
|---|---|---|
| <p>Chemical Risk Management Tool kit</p> <ul style="list-style-type: none">• Chemical risk management toolkit• "Planning chemical emergency response", | <p>ZDHC & Higg FEM 4.0, chemicals cross-cutting</p> <ul style="list-style-type: none">• Webinar | <p>On-line Q&A</p> <ul style="list-style-type: none">• Brand-specific content |
|---|---|---|

78% full study, 22% on relevant topics

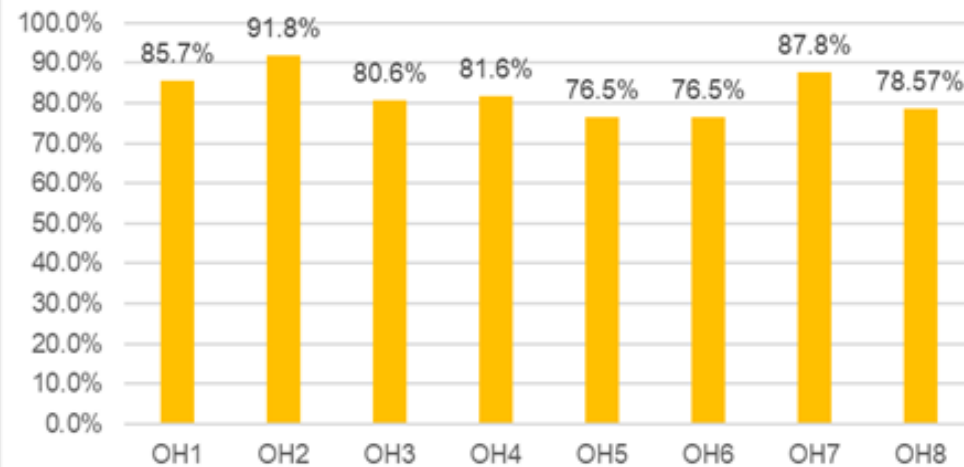
| Office Hour | Date | Time | CMA | Content |
|-------------|-----------------|--------------|-----------|---|
| OH 1 | July 18, 2023 | 9:00 - 11:00 | Bien Vu | Module 1: Introduction to Chemical Management |
| OH 2 | July 20, 2023 | 9:00 - 11:00 | Toan DINH | Module 2: Mapping of chemicals and chemical flows |
| OH 3 | July 25, 2023 | 9:00 - 11:00 | Bien Vu | Module 3: Chemical information sources and traceability |
| OH 4 | July 27, 2023 | 9:00 - 11:00 | Toan DINH | Module 4: Assessing chemical hazards, exposure and risks |
| OH 5 | August 1, 2023 | 9:00 - 11:00 | Toan DINH | Module 5: Identifying and documenting priority chemicals |
| OH 6 | August 3, 2023 | 9:00 - 11:00 | Toan DINH | Module 6: Streamlining chemical purchase practices |
| OH 7 | August 8, 2023 | 9:00 - 11:00 | Toan DINH | Module 8: PPE, storage, chemical incident response drills |
| OH 8 | August 10, 2023 | 9:00 - 11:00 | Toan DINH | Module 9: Managing chemical wastewater and waste |

Thực tế tham gia CMI2023
37 responses

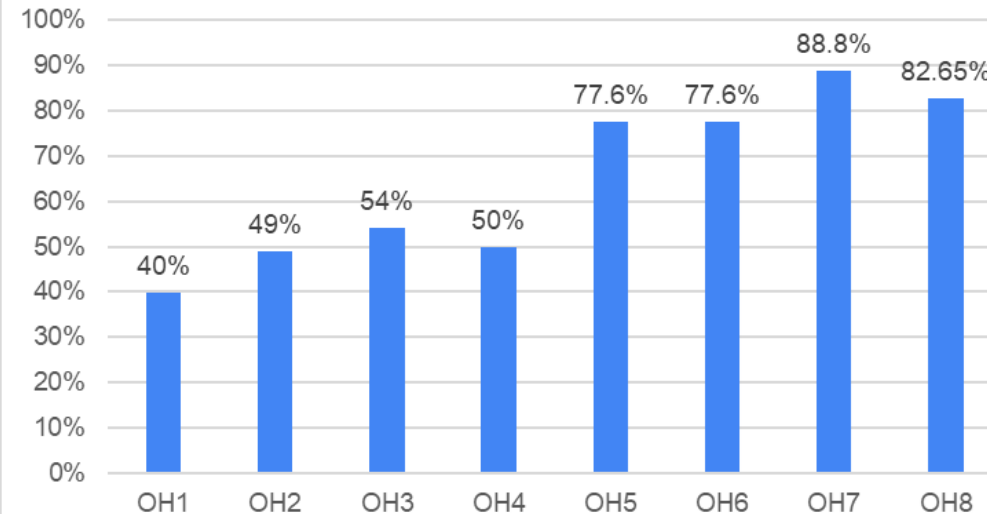


- Tham gia đủ chương trình (Full mode)
- Tham gia một số phần, nội dung cần cho công việc (On-need basis, partially)

Attendance ratio (base on total learner) each Office Hours



Self study ratio each OH



Online group consultation for Chemical Implementation Plan (CIP)

| N | Nhà máy | Phân loại | Nominated by | Group |
|----|---|----------------------|----------------|---------|
| 2 | MSK VINA COMPANY LIMITED | Phụ kiện/Accessories | Columbia Sport | Group 1 |
| 3 | Công ty TNHH Giày da Chung Jye Tuyên Quang - Việt Nam | Giày Da/Footwear | Columbia Sport | Group 1 |
| 6 | Công ty TNHH Sees Vina | Phụ kiện/Accessories | Columbia Sport | Group 1 |
| 11 | CÔNG TY TNHH GIẤY DÉP BÁCH NĂNG QUẢNG NINH | Giày Da/Footwear | Columbia Sport | Group 1 |
| 12 | Công ty TNHH Creative Source Việt Nam | Giày Da/Footwear | Columbia Sport | Group 1 |
| 14 | GRAND GAIN FOOTWARE MANUFACTURING CO., LTD | Giày Da/Footwear | Columbia Sport | Group 1 |

| N | Nhà máy | Phân loại | Nominated by | Group |
|----|-------------------------------------|----------------------|----------------|---------|
| 7 | Ngoc Hung Footwear Co., Ltd | Giày Da/Footwear | VF Corporation | Group 2 |
| 8 | Exported Footwear Manufacturer | Giày Da/Footwear | VF Corporation | Group 2 |
| 9 | Eversun Footwear Co. Ltd | Giày Da/Footwear | VF Corporation | Group 2 |
| 10 | CÔNG TY TNHH TRY ON RUBBER VIỆT NAM | Phụ kiện/Accessories | VF Corporation | Group 2 |
| 15 | ACTIVE CREATION.LTD | Giày Da/Footwear | PUMA | Group 2 |
| 17 | YOUNG IL VIET NAM CO.LTD | Giày Da/Footwear | Nike, Adidas | Group 2 |

| N | Nhà máy | Phân loại | Nominated by | Group |
|----|--|------------------------------|----------------|---------|
| 1 | Công ty TNHH Sungjin Inc Vina | Balo, túi xách | Columbia Sport | Group 3 |
| 4 | CHỊ NHẢNH HỒM - CÔNG TY TNHH JINWON VIỆT NAM | Dệt, nhuộm, in / Fabric Mill | VF Corporation | Group 3 |
| 5 | Công ty TNHH MTV Vina Pruden | Máy mặc, có quá trình ướt | Columbia Sport | Group 3 |
| 13 | Công ty TNHH Bao Bỉ Long Đức | Bao bì/Packaging | PUMA | Group 3 |
| 16 | CÔNG TY TNHH BAO BÌ CỬU ĐỨC | Bao bì/Packaging | PUMA | Group 3 |

Before CMI 2023: 11/15 factories (3 factories under Fulgensun) had Chemical Implementation plan (CIP) with modest quality:

- Incomplete against Higg FEM requirements
- Corrective action is ineffective.

After CMI2023: 15/15 submitted CIP prior to 3 online group consultation. Findings:

- Completeness improved, covering all questions in Higg FEM 3.5
- Accuracy of problem identification (correct yes/no) is not defined through consultation.
- Advisory for corrective action was provided.

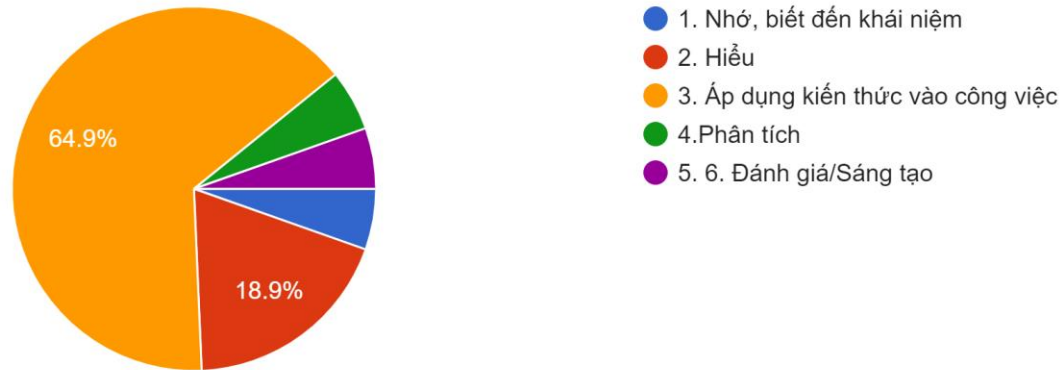
3 top players in CIP

1. Chung Jye Tuyên Quang - Việt Nam (Brand CSC)
2. GRAND GAIN (Brand: CSC)
3. TRY ON RUBBER VN (Brand: VFC)

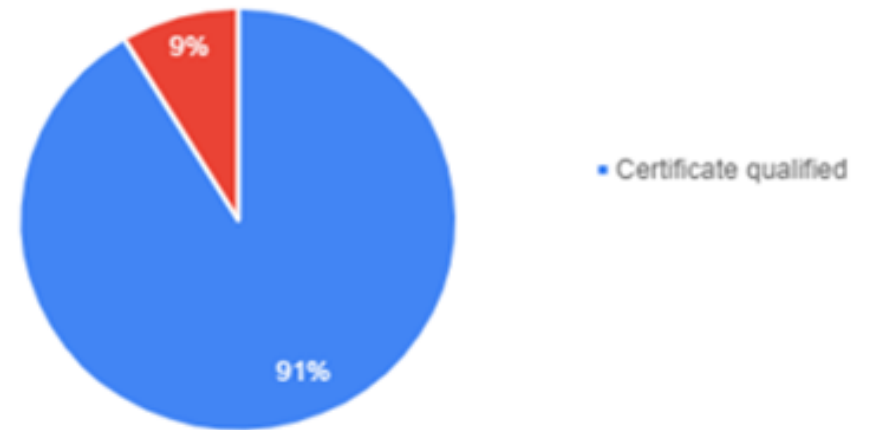
70% at Apply & UP, 91% qualified for certificate

Bạn đạt cấp độ nào về chủ đề Quản lý hóa chất sau khi học CMI 2023 (thang Bloom)

37 responses



Ratio of learners achieving certificate



75% of learners found CMI 2023 provided learning, peer-exchange and consultation to the level of **APPLY, ANALYSE, EVALUATE, CREATE**. The level of 70% is the highest we reached compared to previous CMI or similar program run by GIZ.

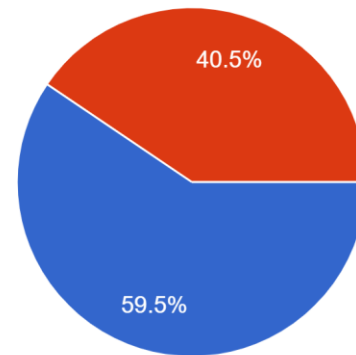
Why?

- CMI 2023 is of small scale: 17 factories compared to 80+; 100+...
- Trainers were gaining experience in delivering training & advisory online

59.5% learners preferred CMI 2023 design over 2-day workshop in HCMC or HN

Với mục tiêu Learning for Taking Action, học tập để hành động trên chủ đề quản lý hóa chất, bạn chọn phương án nào?

37 responses

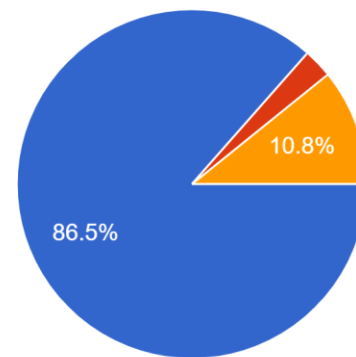


- Tham gia chương trình CMI 2023, học chia nhỏ nội dung, rải đều trong gần 2 tháng
- Học tập trung tại Hà nội hoặc HCMC, khóa học 2 ngày

86.5% find CMI 2023 worth the money, 10.8% find quality beyond the money

Học phí khóa CMI2023 khoảng 1.8 triệu VND / học viên. GIẢ SỬ bạn trả tiền túi, bạn chọn phương án nào?

37 responses

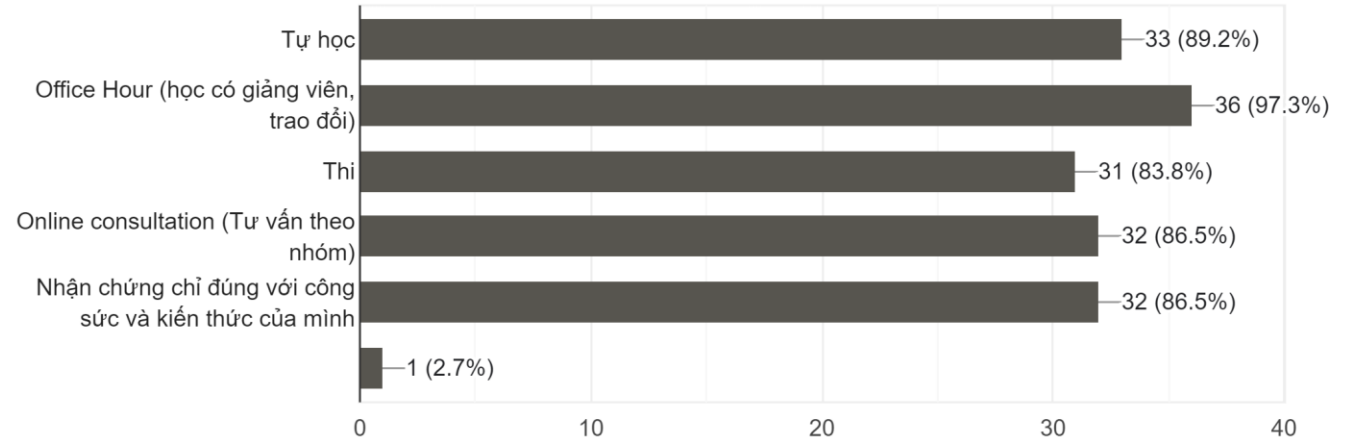


- Tôi trả 1.8 triệu. Chất lượng CMI 2023 đạt
- Tôi trả 1 triệu. Chất lượng còn non
- Tôi trả 2.5 triệu khi so sánh CMI 2023 với các chương trình khác

All modes of CMI2023: self-study, trainer-guided Office Hour, Online consultation, examination are in need as viewed by learners.

Bạn đánh dấu vào TẤT CẢ các hoạt động bạn thấy cần thiết trong CMI 2023

37 responses



Learners expressed their appreciation for “understanding for applying” - [Learning for Taking Action](#)

At site consultation: 4 factories

Factories and Brands engaged in at-site consultation found the activity useful for Quality/Accuracy of CIP:

- CIP submitted (self-assessment) & reality (site visit) at 2 factories: **60% accuracy**
- Brand specialists and consultants spent one day at site sent strong message for Factory management on the concrete actions required for improving chemical management
- Brand specialist now have **'quality' CIP** to follow-up with factory team for implementation

September – Nov 23:

All CMI 2023 factories enrolled into TFL Higg FEM 4.0

CMI 2023, what's next? To be discussed

Chemical Implementation Plan matching Higg FEM 4.0 is available

What's next? (tentative)

1. (Brand) request factory management to motivate the chemical team to complete CIP with top quality
2. Brands share target setting for Chemicals
3. CMI 2023 will provide: *A webinar to share the lesson learnt from 4 site visits. (last week of Nov 23)*
4. **Online consultation one by one**, organized by CMI 23_ (Bien/Toan) and brand specialist participated.

Merged to Chemicals Deep Dive under TFL 2023 (tentative)

1. Chemical Safety Training (Train the Trainer)

CMI 2024

1. Engage brands in Q1/24

Monitoring & Evaluation (June 24)

1. Data (Higg FEM) collection
2. Interview
3. Communication



A global move
towards sustainability &
Social and Environmental
Due Diligence

[FABRIC Asia on YouTube](#)

Organized by Initiative for Global Solidarity (IGS)

Contact:

Chi Phan (she/her)

giz | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH | Tổ chức Hợp tác Quốc tế Đức GIZ

As a federally owned enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development

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