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About European Mechanical Installation Monitor

Key takeaways

Profile of the Mechanical installer

Business development

Theme topic – Training needs

Cross-country summary

United Kingdom

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France

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About European Mechanical Installation Monitor

THE GOAL

To check and track the behaviour and trends in the European Mechanical installation market. This is done 4 times per year, by means of around 700 phone interviews (per quarter) with registered HVAC installation companies and plumbers, divided over 6 major European markets.

THE RESEARCH TOPICS

Fixed part: Economic developments of the installation companies in Europe (order book and turnover development)

Quarterly theme topics in 2023:

Q1: Sustainability

Q2: Services in the installation market

Q3: Purchase channels **Q4: Training needs**

Report Q1 Report Q2 Report Q3 Report Q4 May 2023 August 2023 November 2024 February 2024

Background characteristics of the interviewed respondents can be found in the appendix

PROJECT TEAM



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Matija Sinković Senior Research Analyst

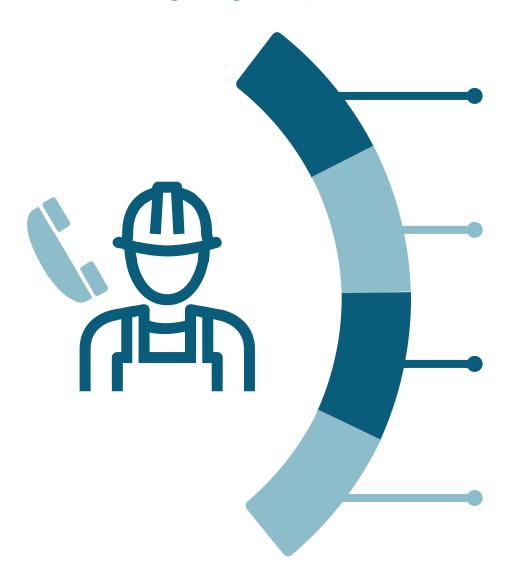
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About target group & methodology



Surveying HVAC installation companies...

Interviewed companies need to provide HVAC installation services, but they may also do other activities in addition (Electrical installation etc.). Most interviews are conducted with owners/ directors or purchasers of these companies.

... selected from a country-representative database

USP possesses an international database of HVAC installation companies, which is constantly updated. Respondents are thus not part of a fixed panel; the sample varies from wave to wave.

... through phone interviews, by native-speaking agents

Phone surveys are the best approach for obtaining a sufficient number of interviews, in order to provide insights which can be relied on. These phone interviews are conducted by fixed fieldwork partners, located in the respective countries.

... weighting the results based on company size groups

Country results are weighted so that all three company size groups* have an equal influence on the total. As typically most interviews are conducted with small companies, we believe it is important to correct in order for large companies to have an equal impact on the 'total' results. This way the results are not heavily influenced by many smaller companies.

^{*} **Group 1**: 1-4 FTE; **Group 2**: 5-14 FTE; **Group 3**: 15+ FTE

About the Q4 theme topic



TRAINING NEEDS in the installation sector...

This chapter will give insight into installers' experiences with training courses in the past year and their training needs for the future. The installation sector is facing a major challenge in the shortage of experienced and knowledgeable labour. One remedy to the shortage is to provide training to installers. It is therefore crucial for manufacturers, who are often a source of training, to understand installers' training needs.

...helps to understand installers' experiences with training courses and their future training needs

To provide the necessary insights, we covered the following topics:

- The way of attending trainings and future expectations
- Training preparations
- Preferred ways of training
- Relevant training topics and preferred settings
- The best timing for trainings
- Certification
- Labour shortage

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Key takeaways



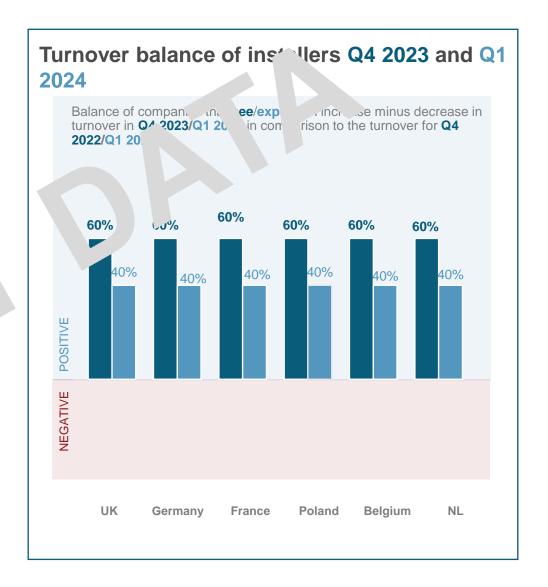
Business Development

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Key takeaways

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Theme: Training needs

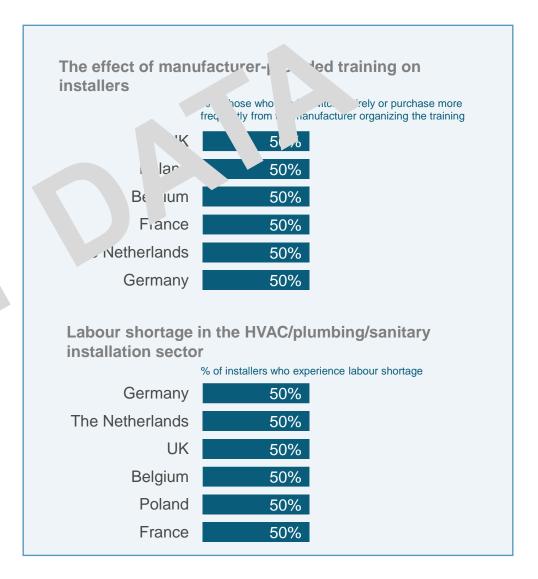
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Core HVAC activities
Which of the following installation activities does your company perform?

	UK	Germany	rance	Poland	Belgium	Netherlands
Sample size	125	125	25	100	100	100
Heating installations	50%	50%	F	50%	50%	50%
Hot & cold water installation	50%	.0%	50%	50%	50%	50%
Heat pumps	%	. %	50%	50%	50%	50%
Installation of sar	50	50%	50%	50%	50%	50%
Ventilai	50%	50%	50%	50%	50%	50%
Air c ditioning c coolir	50%	50%	50%	50%	50%	50%

ther in tallation activities

	UK	Germany	France	Poland	Belgium Ne	etherlands
Sample size	125	125	125	100	100	100
Electrical installation	50%	50%	50%	50%	50%	50%
Solar cell, solar collectors	50%	50%	50%	50%	50%	50%
Home automation installation	50%	50%	50%	50%	50%	50%



		Per company size		
		1-4	5-14	15+
	Core HVAC activities	FTE	FTE	FTE
Heating installations	40%	40%	40%	40%
Hot & cold water installation	40%	40%	40%	40%
Installation of sanitary ware	40%	40%	40%	40%
Heat pumps	40%	40%	40	4 %
Ventilation	40%	40%	`0%	4
Air conditioning and cooling	40%	0,	40	40%

	Per	compan	y size
Other tivi s	1-4 FTE	5-14 FTE	15+ FTE
Electrical instruction 40%	40%	40%	40%
Tome au nation stalltion 40%	40%	40%	40%
Solar cell, solar collectors 40%	40%	40%	40%

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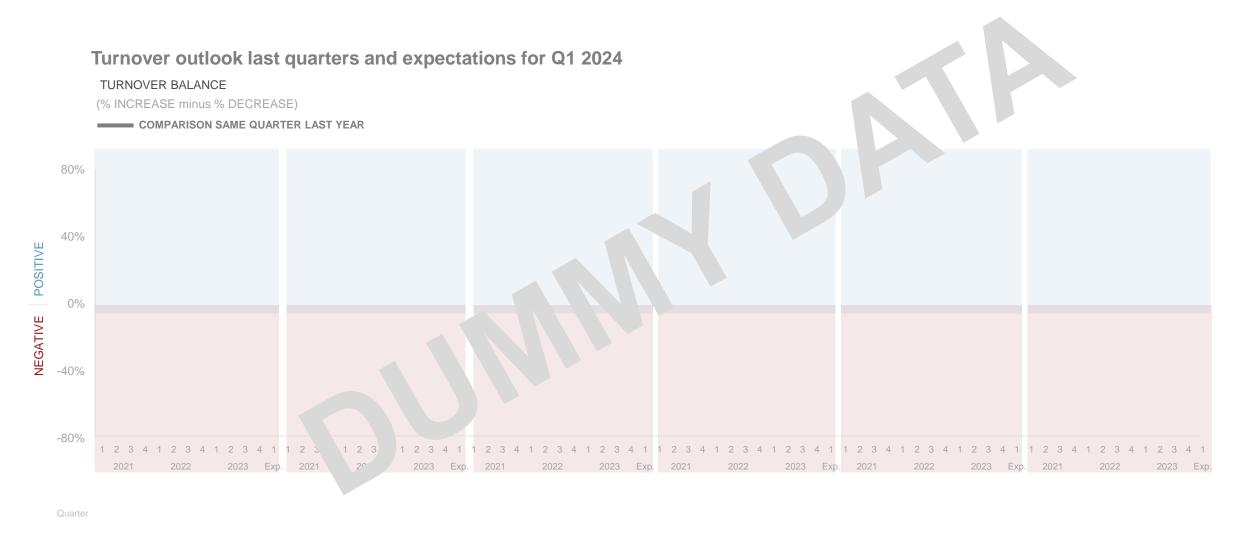
Belgium

The Netherlands

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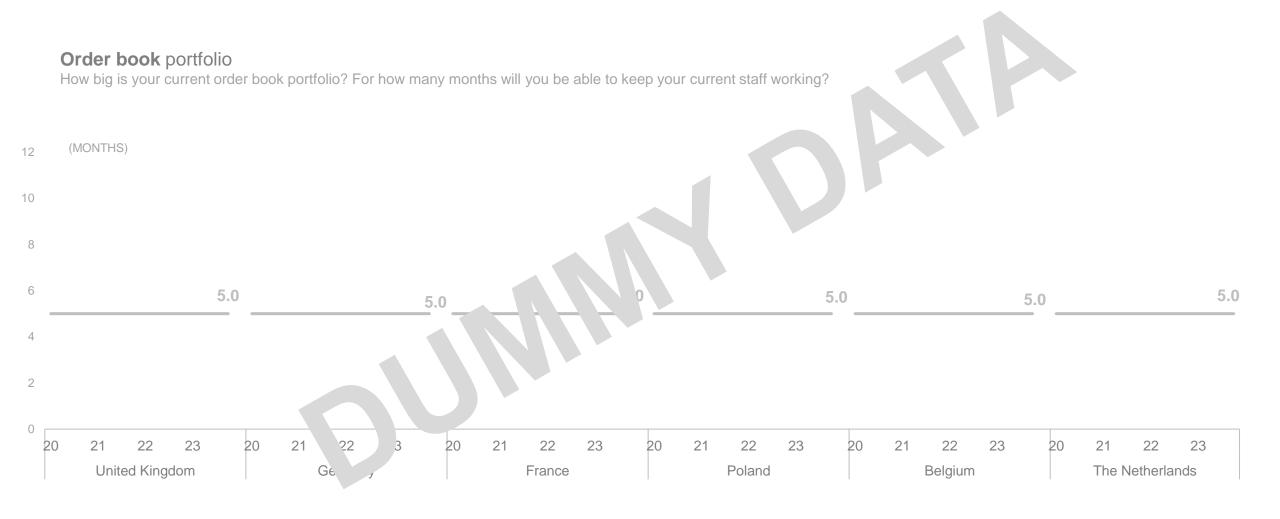






The United Kingdom Germany France Poland Belgium The Netherlands

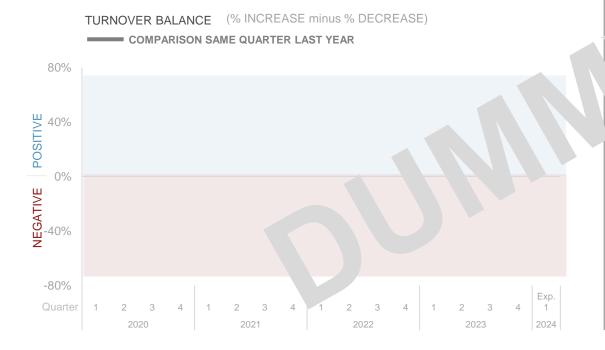


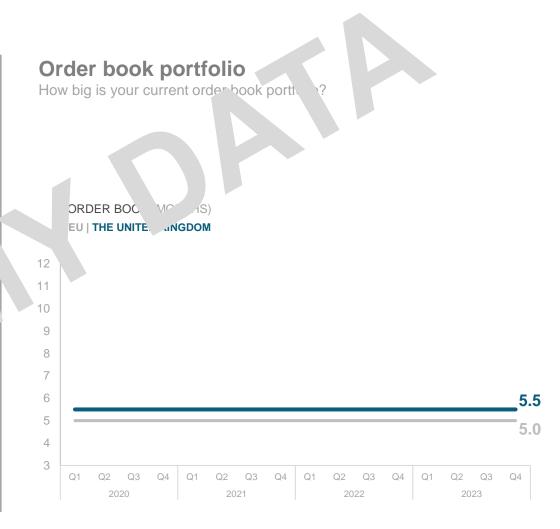




Turnover outlook

If you compare your turnover of Q4-23 to Q4-22, how did your turnover develop? What are your expectations for the development in Q1-24?

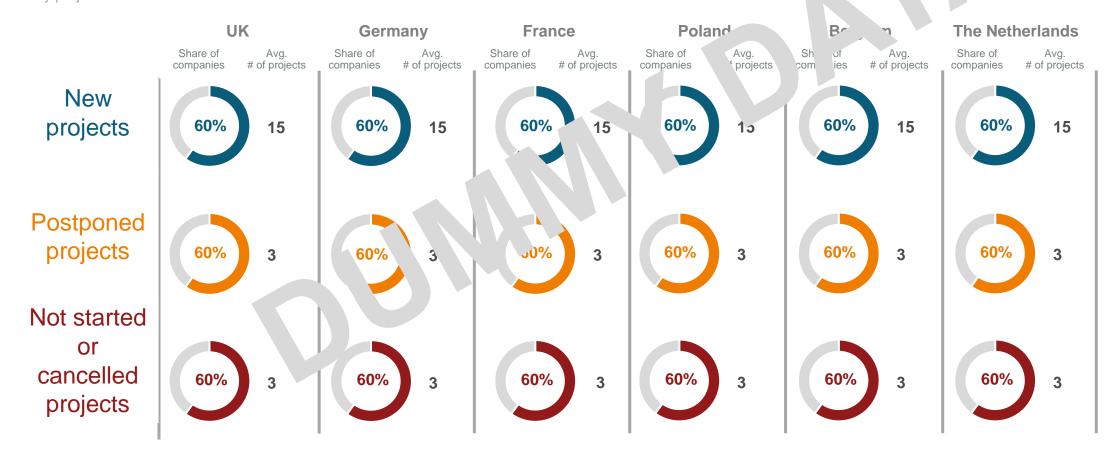






Number of projects in Q4 2023

How many new projects has your company scored/ been commissioned in Q4 2023? How many projects have been postponed in Q4 2 3? In Q2023, how many projects were not started and cancelled?



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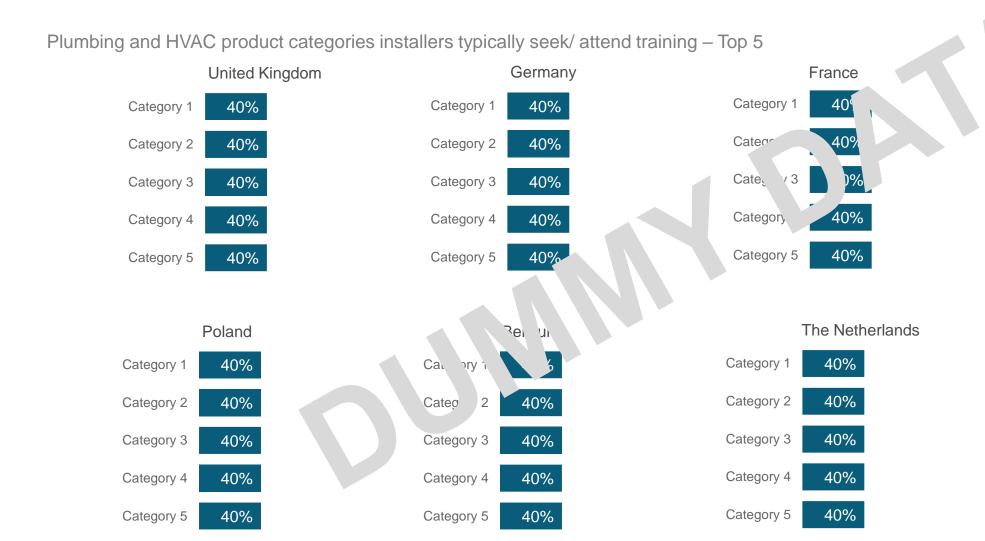
Appendix













Preferences and expected changes regarding training methods

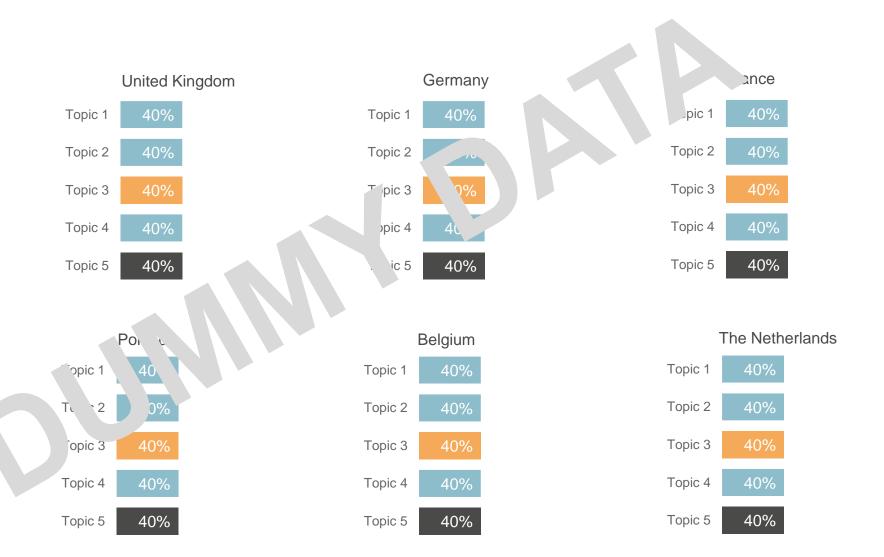




Best topics for trainings – Top 5

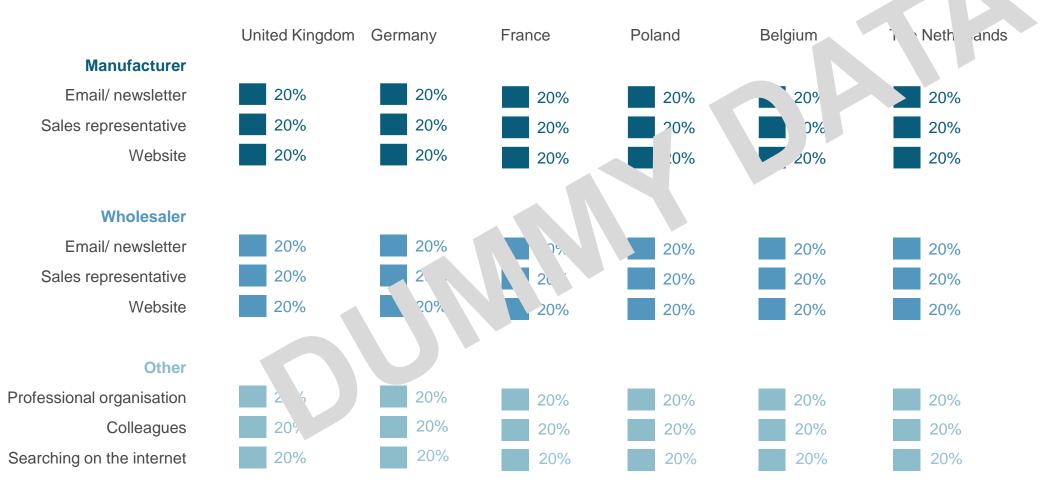
Bar colours legend:

- Training mainly preferred online
- Training mainly preferred face-to-face
- · No preference in the training method





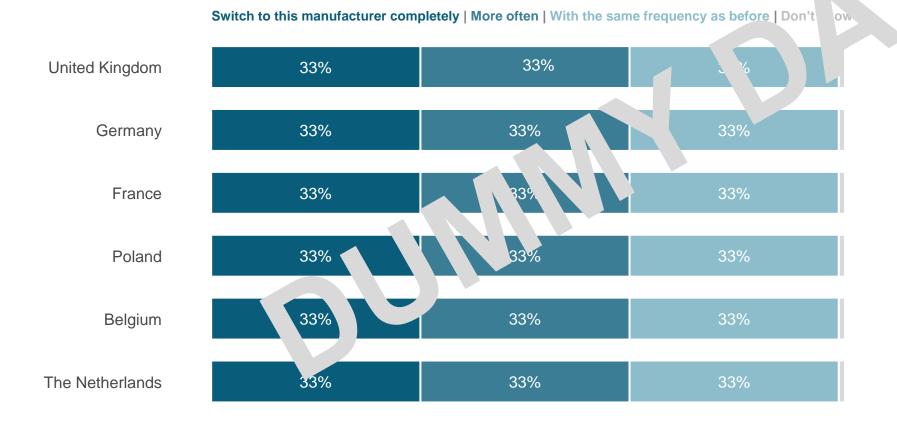
Ways of getting information about trainings



USP

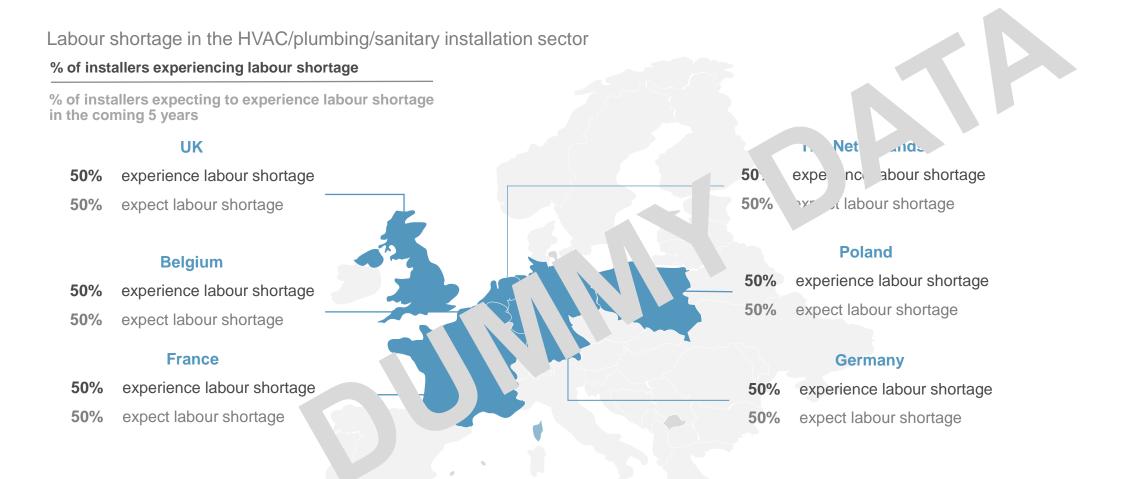
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Change of interest in installing manufacturers' products after attending a manufacturer provided special training

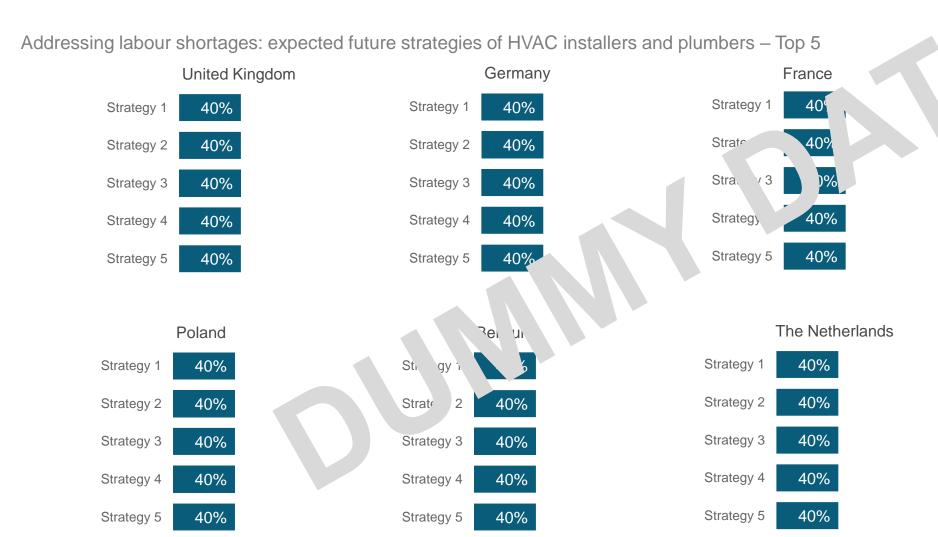












Base: if expecting labour shortage

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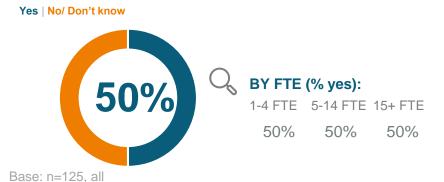
Appendix





Attended training in 2023

% attending training courses in 2023



Training courses in 2023:





Attending training in HVAC product category s - Top 10

For which plumbing and HVAC product cated as d attend training?

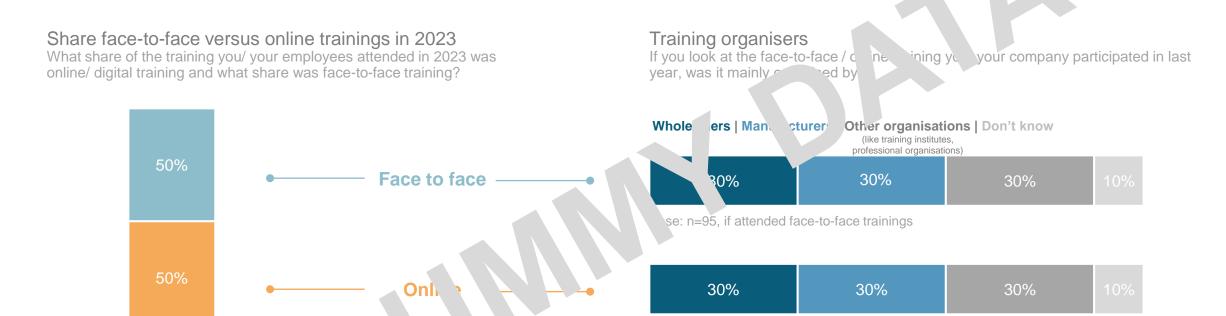
			Per	compan	y size
			1-4 FTE	5-14 FTE	15+ FTE
	ы эrs, wer heaters	50%	50%	50%	50%
	Heat pumps	50%	50%	50%	50%
	Gas/Gas safety	50%	50%	50%	50%
	Air conditioning	50%	50%	50%	50%
	Ventilation	50%	50%	50%	50%
	Plumbing tools	50%	50%	50%	50%
	Pipes and fittings	50%	50%	50%	50%
	Pumps for water circulation	50%	50%	50%	50%
Pumps for pre	essure boosting or waste water	50%	50%	50%	50%
	Radiators	50%	50%	50%	50%

Base: n=98, if attended trainings



29

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Base: n=56, if attended an online training

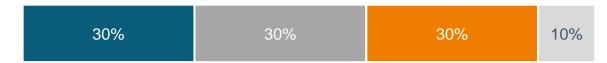
Base: n=98, if attended trainings



Number of trainings in 2023 versus 2022

Looking at 2023 has the number of training courses increased/ decreased or stayed the same compared to 2022?

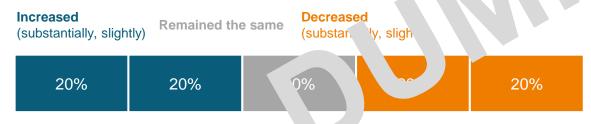
Increased | Remained the same | Decreased | Don't know



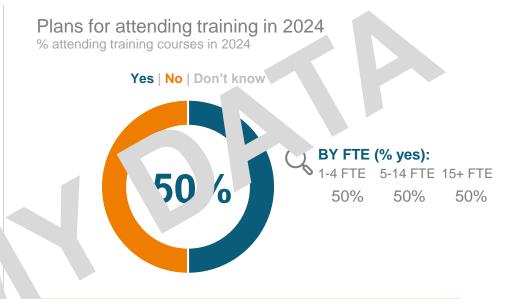
Base: n=125, all

Share of online training in 2023 versus 2022

Has the share of online/digital training you/ your employees attended in 1 decreased, or remained the same in comparison with 2022?



Base: n=56, if attended an online training



The most mentioned reasons for not attending training in 2024:

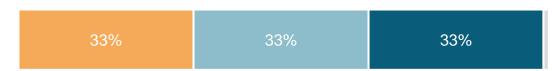
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- (2) Lorem ipsum dolor sit amet



Preferred ways of training – Online vs. face-to-face

Both digital and face-to-face training have their advantages and disadvantages. But does your company have a strong preference for any of these two ways of training?

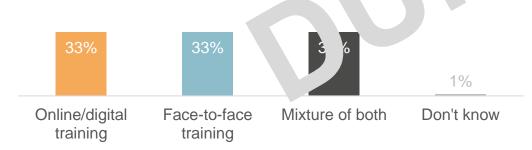
Online | Face-to-face | Both | Don't know



50% of UK installers have heard of mixed learning concepts (a combination of face-to-face and online training).

Expectations of the way to attend training in the future to be ...

More ...



Base: n=125, all

Most preferred ways of training in genera

When it comes to training in general what are more provided ways of	pred ways of training for you?			
	Per c	ompan 5-14	y size	
	FTE	FTE	FTE	
¹⁴anunsturer				
Face-to-fa trainin t m ufacturer premises 50%	50%	50%	50%	
e-to-f e on the job site training 50%	50%	50%	50%	
Face- race training at own premises 50%	50%	50%	50%	
Online training/ webinars 50%	50%	50%	50%	
Wholesaler				

Training at wholesaler by one manufacturer 50% 50% 50% 50% 50% 50% 50%

raining at wholesaler by manapie manadaters	50%	307	0 3070	30 /0
Online training/ webinars by wholesaler	50%	50%	6 50%	50%

Other

Mix of online/ digital and face-to-face training	50%	50%	50%
Tutorials – on demand training	50%	50%	50%

On site training via mobile devices	50%	50
Ü		J

50%	50%	50%	50%
50%	50%	50%	50%

50%

Per company size



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Preferred ways of organising training

How does your company prefer and organise training?

		1-4 FTE	5-14 FTE	15+ FTE
Ad hoc face-to-face training when needed with manufacturer or wholesaler	50%	50%	50%	50%
Structured training programme planned with timeline and training goals	50%	50%	50%	50%
Ad hoc online/ digital training offered to employees when needed with "always on" online training material	50%	50%	50%	50%
Online self-study planned by each employee when they need information	50%	2/6	,C	%

Ways of booking – Top 3

How do you normally book a training?







Base: n=125, all

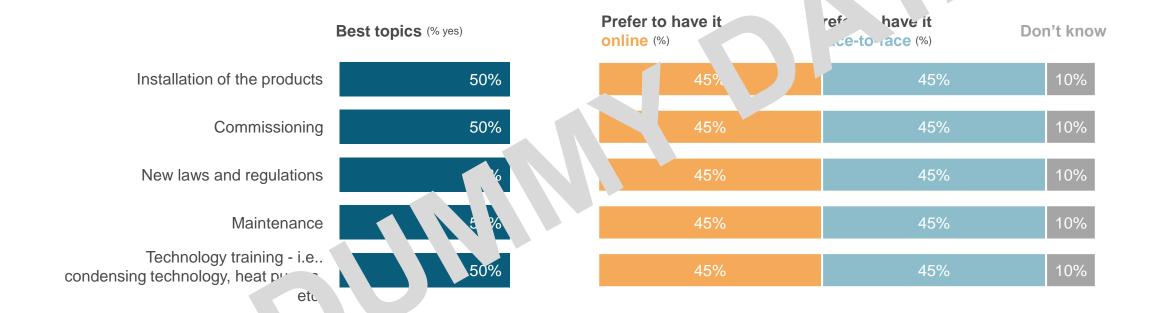
Ways of getting information about the trained How do you normally get the information about aining ?

			Per o	compan 5-14 FTE	y size 15+ FTE
	Vic ep n	50%	50%	50%	50%
	ia email/ wslet manufacturer	50%	50%	50%	50%
	Proressional organisation	50%	50%	50%	50%
	Internet search	50%	50%	50%	50%
	Via the website of the manufacturer	50%	50%	50%	50%
	Via sales rep wholesaler	50%	50%	50%	50%
	Via email/ newsletter wholesaler	50%	50%	50%	50%
	Colleagues	50%	50%	50%	50%
	Via the website of the wholesaler	50%	50%	50%	50%

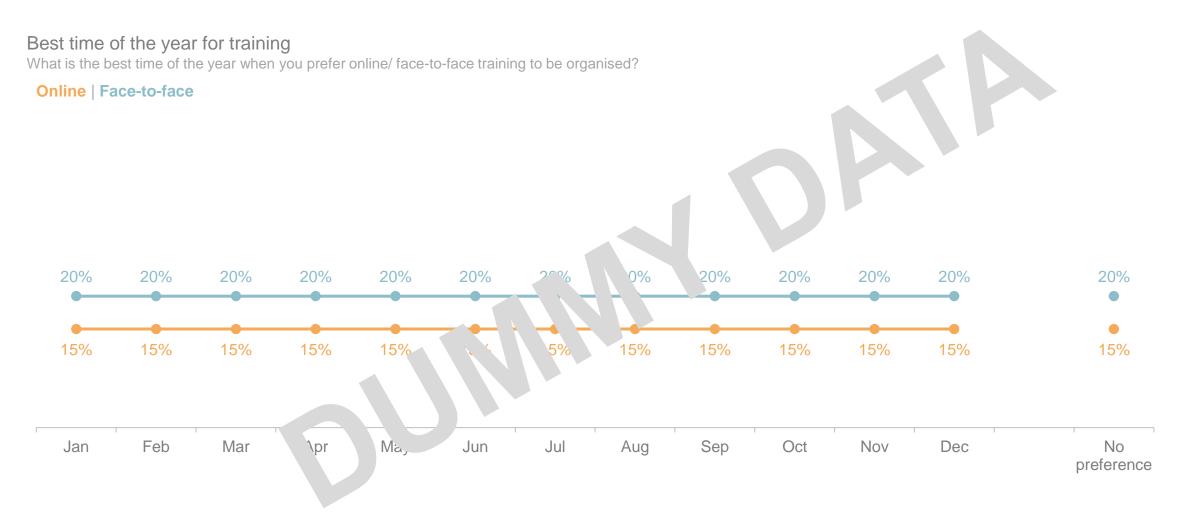


Best topics for training – Top 5

What would be the best topics for training for you and/ or the people in your company to increase the level of knowledge? For which of the people we vour company prefer to have online/ digital training and for which face-to-face training?





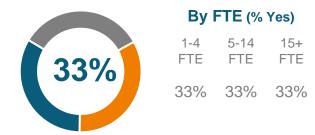




Interest in becoming a certified manufacturer's installer

When a manufacturer is organising the training, would you be interested to become a certified installer of this manufacturer as part of a comprehensive modular training program?

Yes | Depends on the topic | No / don't know



Change of interest in installing manufacturers product

If you attend special training provided by a manufacturer, do uth usually use/install his products in the future...?

Switch to this manufacturer completely \ e ofte Will be say frequency as before | Don't know

30%	30%		30%	10%
-----	-----	--	-----	-----

Willingness to invest 2 training days to go certification

Would you be willing to invest 2 days of training per program in order to get a certification?

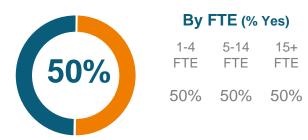




Experience of labour shortage

Does your company experience a shortage of labour (professional HVAC installers or plumbers) in your own work practice?

Yes | No / don't know



50% of UK installation companies pect be shortage in the coming five pars

Dealing with the labour shortage – Top 5

What do you expect HVAC installers and plum is well abour shortage in the coming years?

		Per company size			
		1-4 FTE	5-14 FTE	15+ FTE	
Hire non-qualin staff & lectoate them	50%	50%	50%	50%	
.x for higher prices	50%	50%	50%	50%	
Co-operate with self-employed / independent installers	50%	50%	50%	50%	
More training / education in schools	50%	50%	50%	50%	
Hire installers from other countries	50%	50%	50%	50%	
Subcontract	50%	50%	50%	50%	



Expectations of the labour shortage influence on training needs In your opinion how will the labour shortage influence the training needs of your company? Do you expect the number of training courses you will need to:

Increase | Remain the same | Decrease | Don't know



Manufacturers' and suppliers' involvement in the labour shortage. To what extent do you agree that manufacture and industry should focus more on ...?

Strongly agree | Agree | Disagree | Strongly disagree | Don't know

Trainings instal so their products



plug & play or quick installation solutions for their products

20% 20%	15%	20%	20%	5%
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More installation support for specific tasks



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Respondents' background characteristics

Job title of the interviewed respondents and the company size

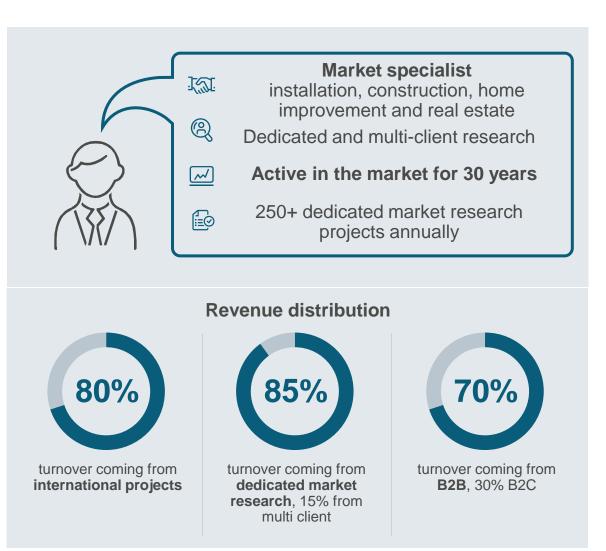
What is your position within the company?
Yourself included, how many full-time employees does your company have in total, in all branches?

	UK	Germany	France	Poland	Belgium	etherla 's
Owner / Director/ Manager	33%	33%	33%	33%	33%	3%
Calculator	33%	33%	33%	33%	33%	33
Project manager	33%	33%	33%	33%	3 1	33%
Plumber/ installer	33%	33%	33%	33	33	33%
Buyer/purchaser	33%	33%	33%	2	33%	33%
Engineer/designer	33%	33%	3304	33%	33%	33%
Senior buyer/ purchaser	33%	33%	3%	33%	33%	33%
Other	33%	33%	3 7	33%	33%	33%
1 - 4 FTE	33%	3%	33%	33%	33%	33%
5 - 14 FTE	33%	33	33%	33%	33%	33%
15+ FTE	33%	33%	33%	33%	33%	33%

Q4 2023 data, unweighted 39

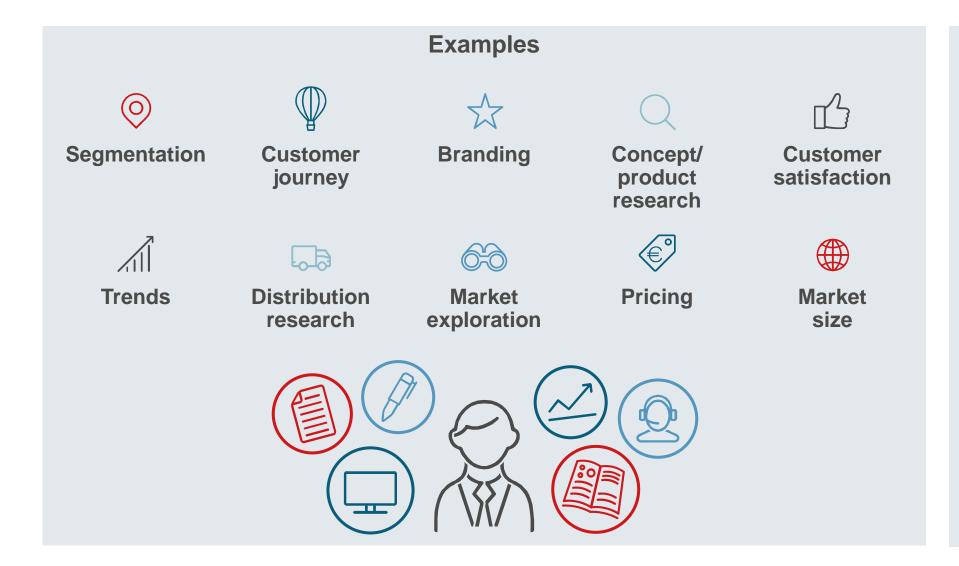
About USP







Single client research



Dedicated market research

- Tailor made
- Driven by your information needs
- Advice & consultancy based on facts and over 25 years of experience in the industry
- Worldwide coverage
- B2B, B2C, qualitative and quantitative research or a combination of both
- Within our market specialism, all types of researches can be conducted
- Targeting the right audience, with the right questions at the right time.

Multi-client research

	European Architectural Barometer	European Contractor Monitor	European Mechanical Installation Monitor	European Electrical Installation Monitor	European Painter Insight Monitor	European Home Improvement Monitor	European Handyman Monitor
Target group	Architects	Building contractors	HVAC installers	Electrical installers	Professional painters	Consumers	Handyman
Methodology	©	Q	Q	Q	©		<u>Q</u>
Annual sample size	3,400 interviews	2,050 interviews	2,600 interviews	3,000 interviews	2,300 interviews	26,400 interviews	3,400 interviews
Country scope	GermanyUnited KingdomFranceNetherlandsBelgiumPolandSpainItaly	GermanyUnited KingdomFranceNetherlandsBelgiumPolandSpainItaly	GermanyUnited KingdomFranceNetherlandsBelgiumPoland	GermanyUnited KingdomFranceNetherlandsBelgiumPolandSpain	 Germany United Kingdom France Netherlands Belgium Poland Spain Italy Denmark Sweden 	 Germany United Kingdom France Netherlands Belgium Poland Spain Italy Denmark Sweden Austria 	GermanyUnited KingdomFranceNetherlandsBelgiumPolandSpainItaly
Way of reporting	Quarterly	Bi-annually	Quarterly	Quarterly	Annually	Quarterly	Annually
2023 Theme topics	Q1: Media orientationQ2: BIMQ3: PrefabQ4: Sustainability	H1: Purchase channelsH2: Sustainability	Q1: SustainabilityQ2: ServicesQ3: Purchase channelsQ4: Training needs	Q1: Media orientationQ2: Training needsQ3: BIMQ4: Purchase channels	Trend trackingBrand funnelsPurchase channels	 Q1: Orientation; sustainability Q2: Purchase Channels; online performance of DIY stores Q3: Branding; private labels Q4: DIY vs DIFM; plans for 2024 	 Segmentation Orientation and media usage



Country coverage



Selection of customers

Construction



































































































(S) ignify



















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