



Smart home and building solutions.
Global. Secure. Connected.

KNX TRAINING CENTRES
KNX NEXTGEN
KNX PARTNERSHIP
KNX PARTNER RANKING

Ufuk Unal
Certification Manager





KNX Certified Training centres



What is a KNX certified training centre?

- A KNX training centre is a school/company/training institute authorized by KNX Association to offer certified KNX courses to their students.
 - Minimum course to be offered = Basic course (→ KNX Partnership)
- Students gain globally recognized qualifications and skills.
- All training centres offer the same standardized course.
- Students succeeding in the concluding exam receive a KNX Certificate.
- Students succeeding in the concluding exam could receive ETS/App discount vouchers.
- Certified KNX training centers serve as our global ambassadors, representing KNX across various nations. As such, they hold paramount significance for the KNX Association.





Becoming a KNX certified training centre - Requirements

1. Tutor qualification

- KNX Tutor may be internal or external person (free-lance)
- Theoretical as well as practical part of Basic course shall be organized by KNX certified tutor
- Where?
 - At KNX++ certified training centres. The complete list of KNX++ certified training centres can be found [here](#).





Becoming a certified training centre - Requirements

2. KNX Hardware (fixed or mobile)

- Switch actuator
- Dimming actuator
- Shutter actuator
- Line coupler
- Push button
- KNX Power supply
- 1 KNX RF S-Mode sensor and 1 TP/RF media coupler (only if 868 MHz frequency is allowed in that country)



IMPORTANT: one secure sensor and one secure actuator as of Q4/2025

Becoming a certified training centre - Requirements

3. Facilities:

- Large image projection (e.g. beamer)





Becoming a certified training centre - Requirements

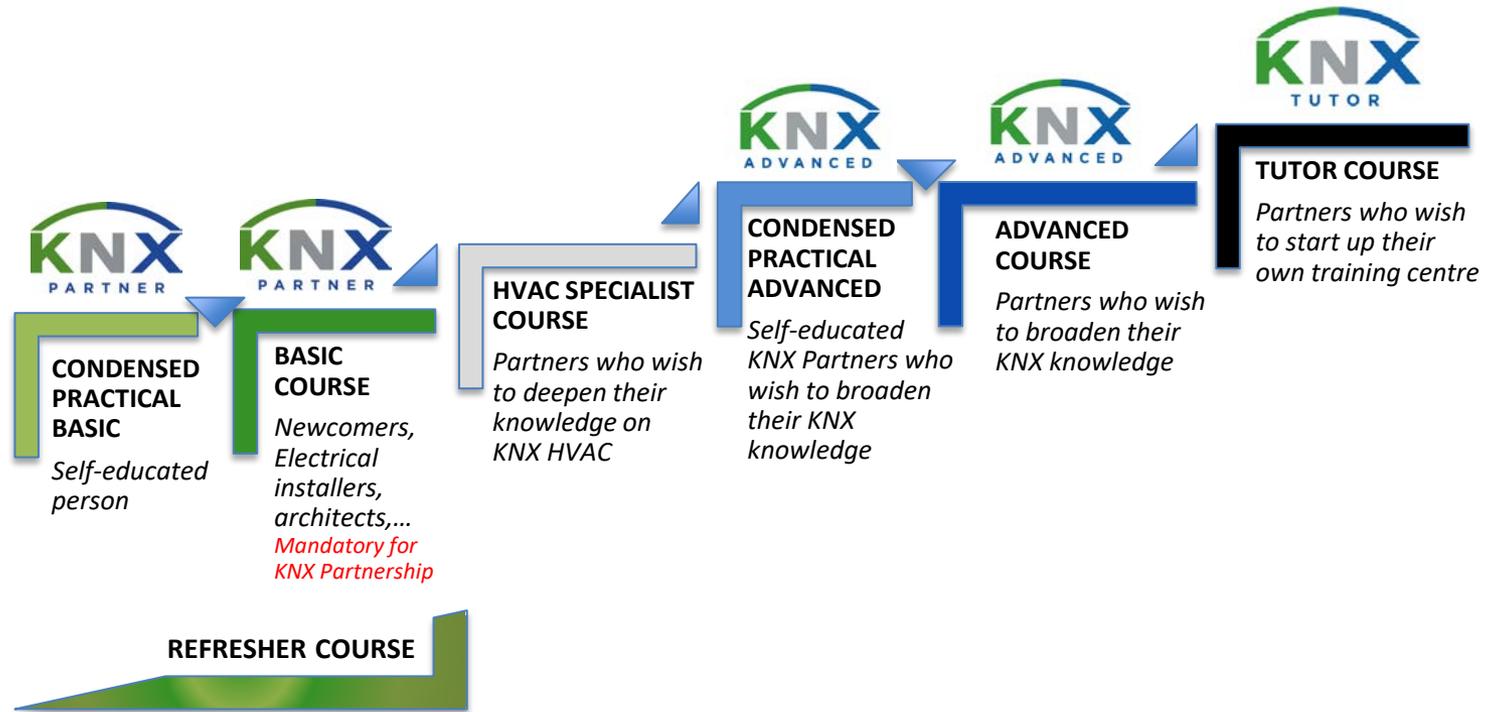
4. KNX software :

- ETS6 Professional or ETS6 Lite for each registered training rig
 - ETS6 Professional per KNX tutor → MUST
 - 250€ or 333€ per license
 - ETS6 Lite Licenses for the students
 - If students will bring own laptop:
 - » Personal cloud ETS Lite license of student can be used
 - If PC = property of training centre:
 - » Personal cloud ETS Lite license of student can be used
 - » TC can receive ETS6 Lite licenses free of charge
 - Maximum two students can be trained at the same time on 1 training rig
 - » E.g. training 10 students = 5 training rigs

Note: it's important to know that the combined total of ETS Professional and ETS Lite licenses issued is strictly limited to the number of approved training rigs.



Types of courses





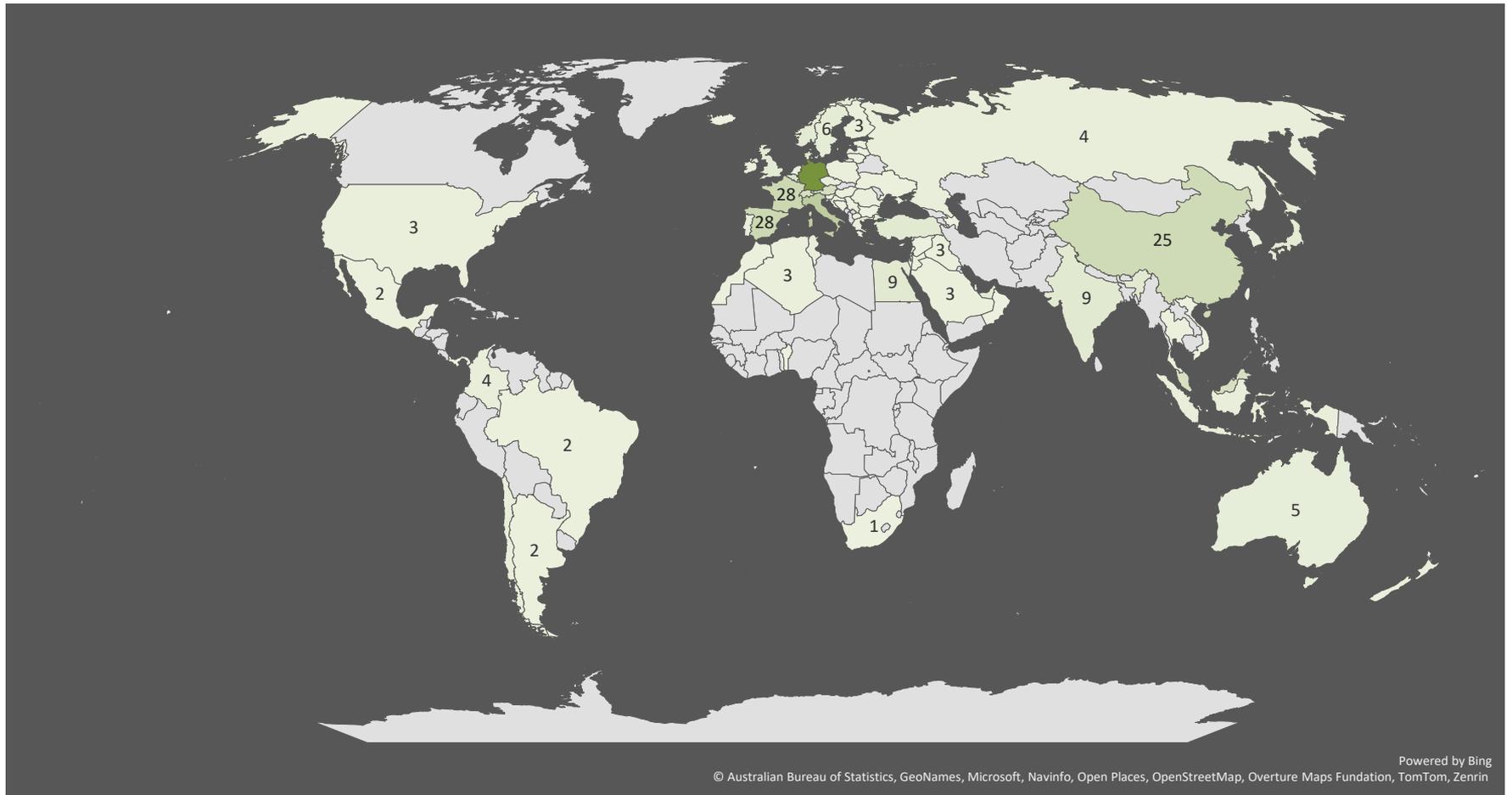
Advantages of becoming a KNX certified training centre



- Certified training centres:
 - Ensure that there are skilled integrators on the market.
 - Can hand out official KNX certificates to students after successful exam.
 - Get discounts on ETS licenses used in KNX certified courses.
 - Have free access to constantly updated KNX training documentation in several languages.
 - Have access to the KNX Training logo that can be used on letter headed paper, business cards, website etc.
 - Can promote upcoming KNX courses on the KNX website.
 - Get free publicity in the KNX digital Journal (reader audience >100.000).
 - Have the right to participate in the annual KNX training centre conference.
 - Offering KNX courses can generate an income for them (business opportunity).
 - Establish the course fees themselves.
 - Only pay a yearly symbolic fee of 500€.



Global reach of KNX certified training centres





Evolution of KNX training centres over the past five years

- 57 new training centres in 2024.
- More than double new training centre applications compared to last year.





New training centres in 2024





KNX Training centres in Germany

- Currently, 100 certified training centres in Germany
 - 49 training centres are ISO 9001 certified
 - 51 training centres non-ISO 9001
- Training centres accredited for:
 - Basic course: 100
 - Condensed Practical Basic: 48
 - Advanced course: 31
 - HVAC Specialist: 16
 - Refresher course: 28
 - Tutor course: 8



Conclusion

- It is important that students attend a KNX certified course given by KNX certified training centres.
- Minimum practical, hands-on training.
- KNX courses organized by KNX tutors who have the minimum level of qualification.
- Internationally recognized certification.
- Listing of partners on the KNX website.



KNX NextGen



What is KNX NextGen?

- KNX NextGen stands for KNX NextGeneration
 - NextGen signifies KNX Association's aim to "KNX-educate" the following group of people:
 - Apprentices going to a vocational/technical schools. These schools provide practical, job-focused training in fields like Electricity, Mechanics or Electromechanics (**aged 15-18**).
 - Students going to high schools or universities (**aged 18+**).
 - Students enrolled in government-funded programs designed to ignite their interest in topics like "Technology", "Programming", "Electronics" (**aged 12-18**).
 - Unemployed jobseekers.
 - The NextGeneration (NextGen) program **runs alongside** the existing successful KNX certified training program.
 - The NextGeneration program **does not compete** with the KNX Certified Training Centre program. **A student today is a client tomorrow.**
- We want that students are acquainted with KNX at an early stage of their life!**



Certification scheme for KNX Generation 2 Requirements

1. ~~Tutor Certificate~~ Partner certificate

– Can only be obtained by attending the following courses:

- KNX Basic course (= KNX Partnership)

~~• KNX Advanced course~~

~~• KNX Tutor course~~

2. KNX Hardware (fixed or mobile) ~~on a training rig~~

- (Switch + Dimming + Shutter) actuator
- Pushbutton
- Power supply

= ~~KNX coupler~~ **KNX coupler for students**

- 1 KNX RF S-Mode sensor and 1 KNX TP/RF media coupler

3. KNX Software

- Min. 1 (~~payable~~) ETS6 Professional and ETS6 Lite for each training rig

4. Use of KNX standardized training documentation & exam **with mandatory minimum content.**

5. ~~Annual fee of 500€~~ **Annual fee of 250€**



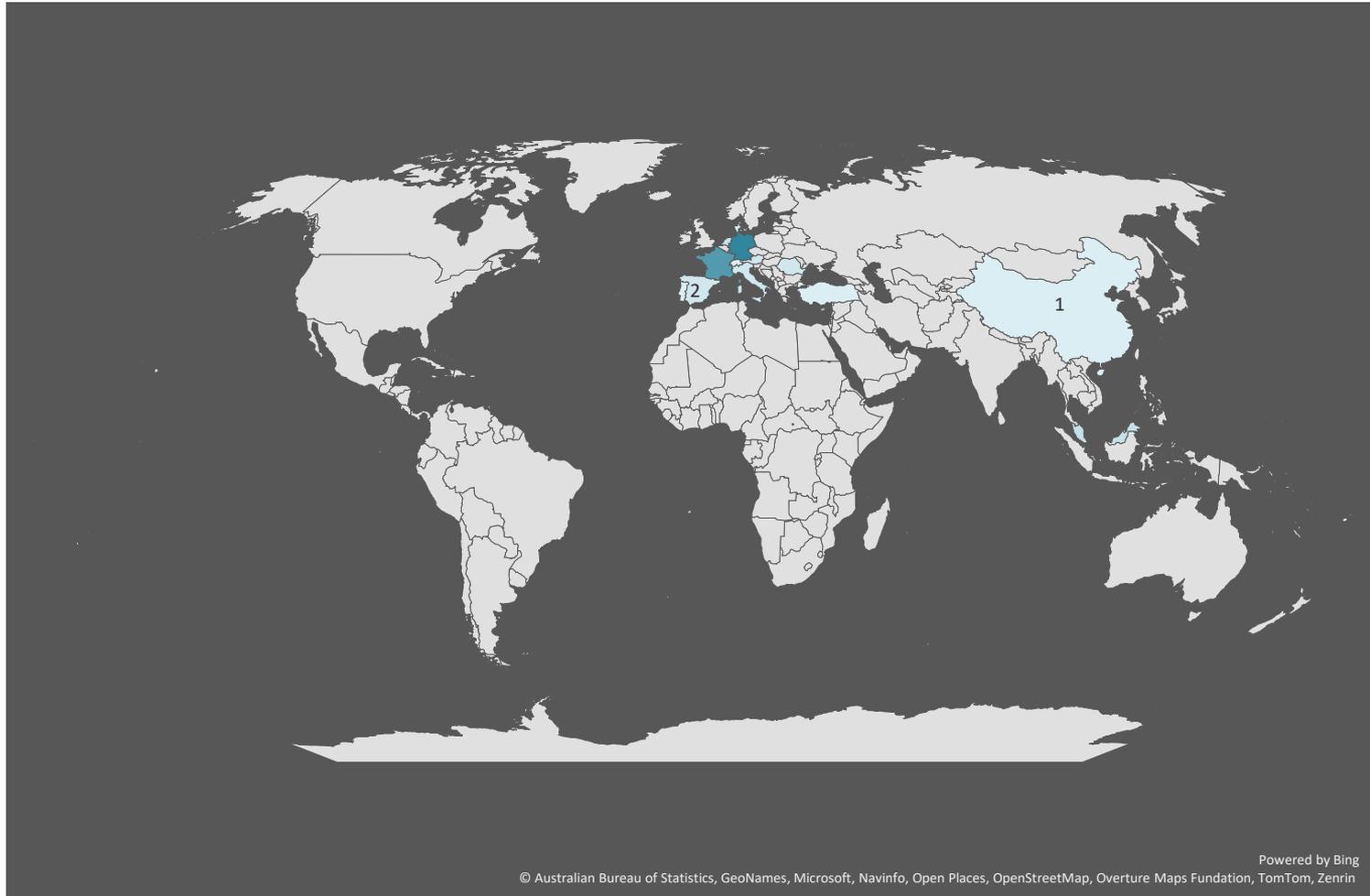


KNX NextGeneration - Requirements

6. NextGen ONLY offers “NextGen” courses.
 - NextGen courses **are not shown** on the KNX website. Only accessible via a special **Course Identification Number**.
7. **Non-commercial:** Course fees may under no circumstances be requested from the apprentice!
8. Duration course: Min. 30 hours
 - Training can be organized over several weeks or months
9. Exam: Minimum pass score = 50%
 - Short theoretical exam (30 min.): 25 theory True/False exam statements
 - Short practical exam (30 min.): Switching/Dimming a light
10. Validity NexGen certification: NextGen certificate of institute is **valid for 3 years:**
 - If extension required, NextGen shall simply update the NextGen Profile in MyKNX. **No additional fees.**



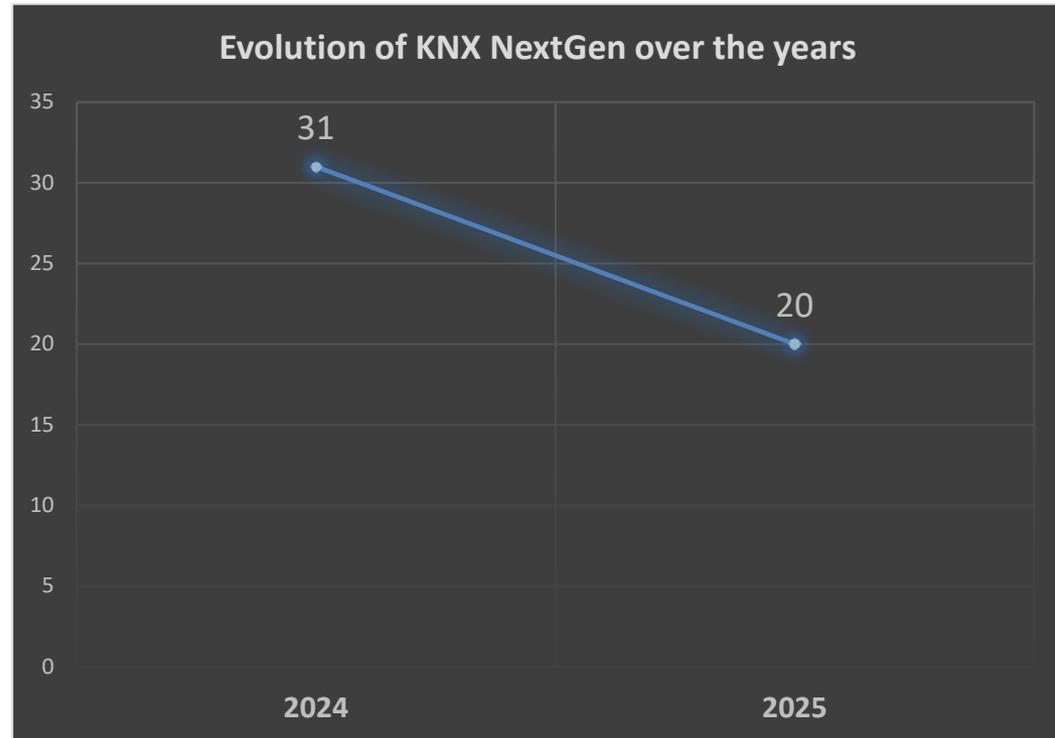
Global reach of KNX NextGeneration schools





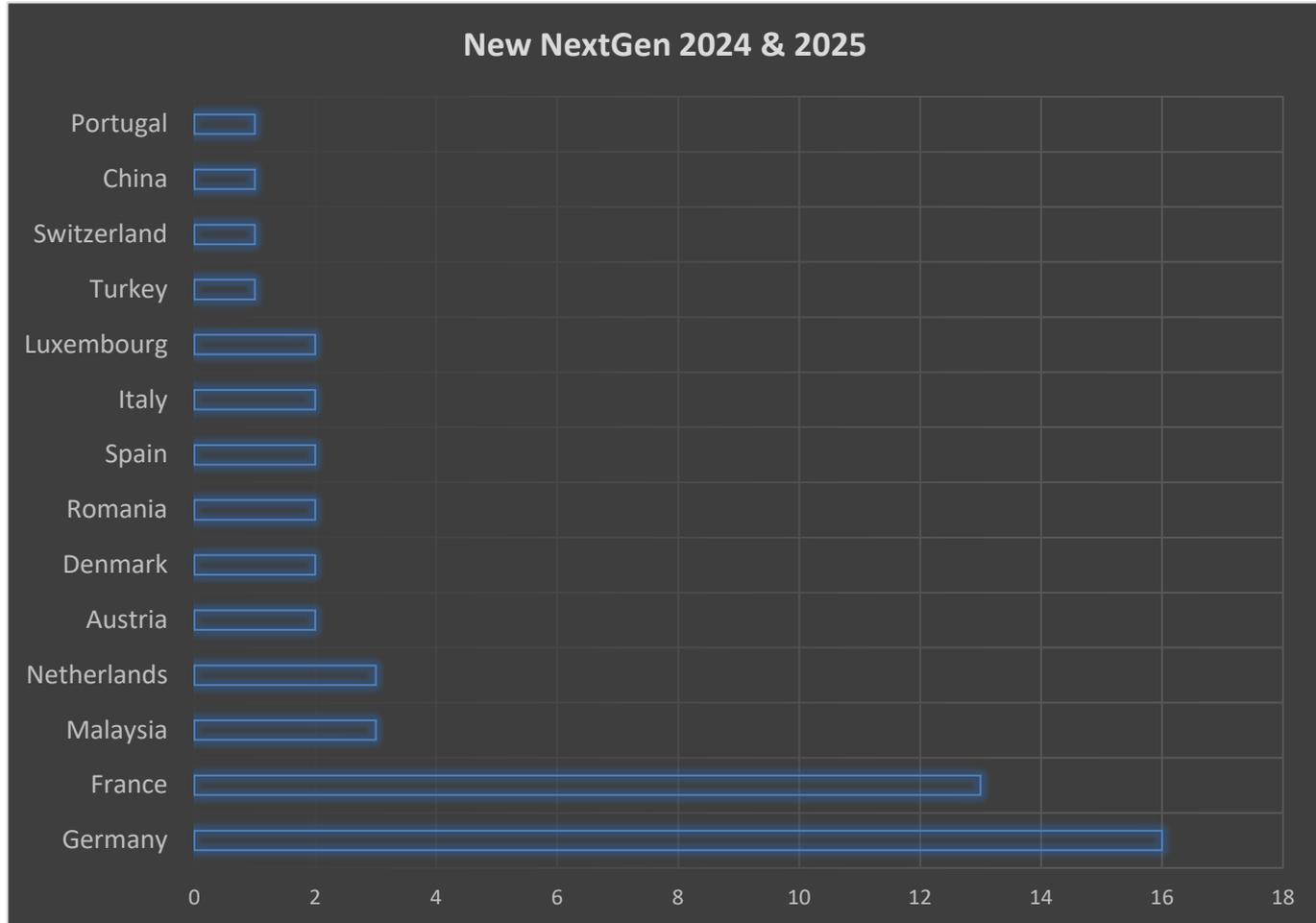
Evolution of KNX NextGeneration

- 51 NextGeneration schools in total.
- 31 new NextGen in 2024
- 20 new NextGen until 04/2025





New NextGen in 2024 & 2025





NextGen in Germany

NextGen	city	country
BSZ Bietigheim	Bietigheim Bissingen	Germany
Johann-Philipp-Reis-Schule	Friedberg	Germany
University of Applied Science Mannheim	Mannheim	Germany
Handwerkskammer Trier	Trier	Germany
Berufskolleg Nord der Städteregion Aachen	Alsdorf	Germany
Berufskolleg Olsberg	Olsberg	Germany
Heinrich-Hertz-Europakolleg	Bonn	Germany
Netze ODR	Ellwangen	Germany
Gewerblich-Technische Schule Offenburg Friedrich-August Haselwander Schule	Offenburg	Germany
Technische Universität Dortmund	Dortmund	Germany
Carl-Miele-Berufskolleg für Technik des Kreises Gütersloh	Gütersloh	Germany
Staatliche Berufsbildende Schule Technik Gera	Gera	Germany
Westnetz GmbH	Trier	Germany
Hans-Böckler-Berufskolleg	Münster	Germany
BBZ am Nord-Ostsee-Kanal AÖR	Rendsburg	Germany
BBS Andernach	Andernach	Germany



KNX Partners



Who is a KNX Partner?

- A professional certified by KNX certified training centres after completing official Basic course
- Global recognition
- Worldwide searchable listing

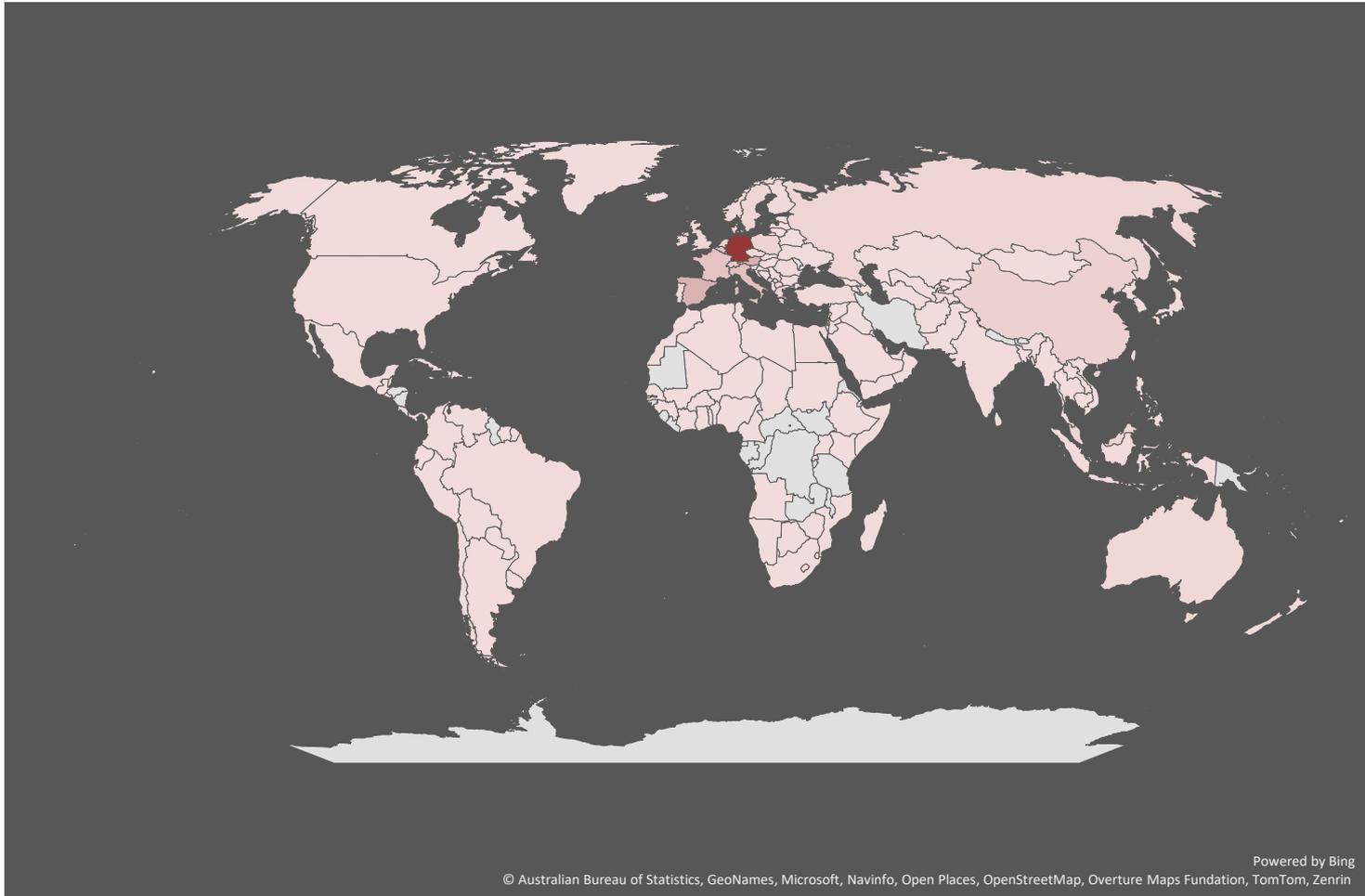


Benefits of becoming a KNX Partner

- International recognition
- Access to partner marketing tools
- Partner certificate and use of KNX logo
- Discounted ETS licenses and resources



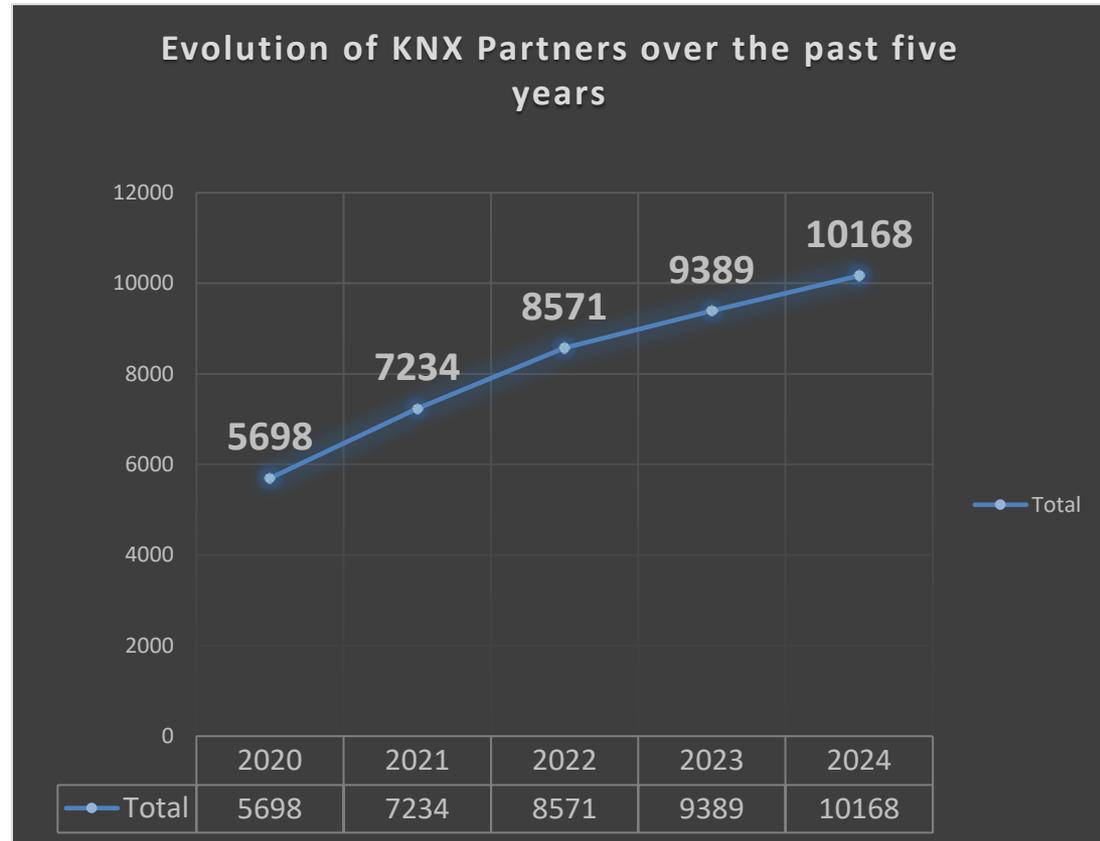
Global reach of KNX Partners





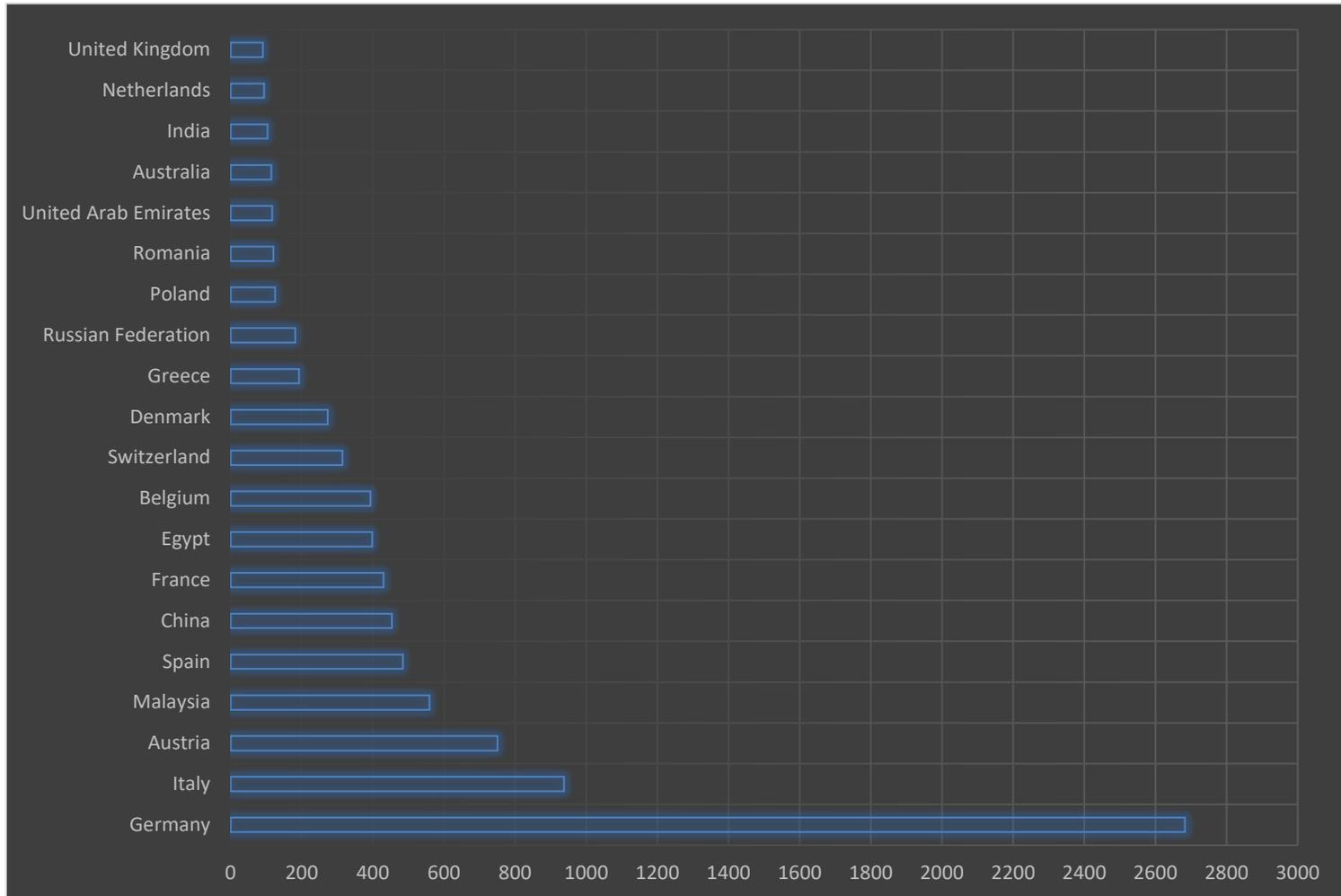
Evolution of KNX Partners over the past five years

- 10,168 new Partners in 2024.
- Nearly 800 KNX Partners more than 2023.
- 2025 = Already 3500 KNX Partners



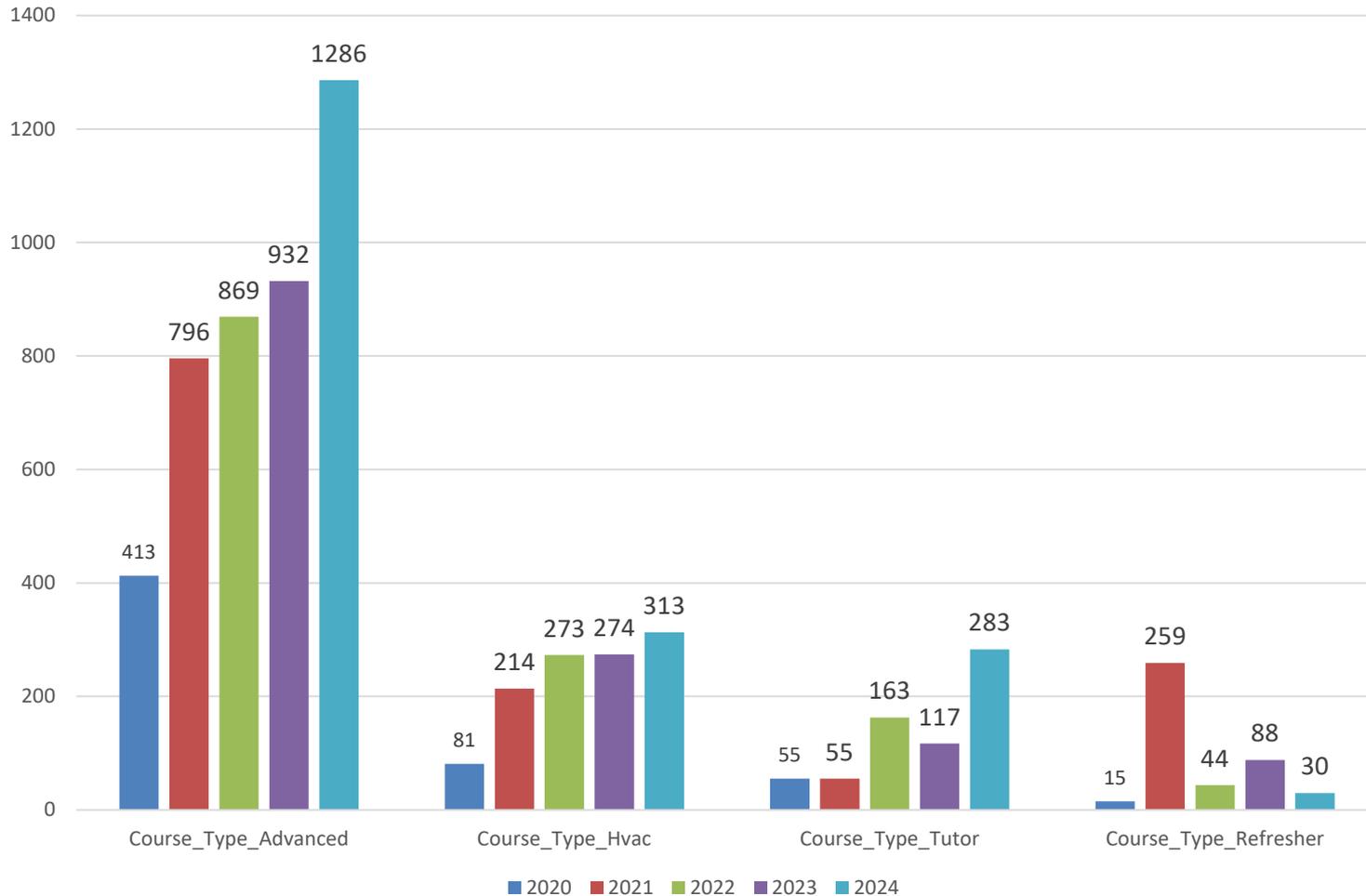


New KNX Partners in 2024 (top 20)





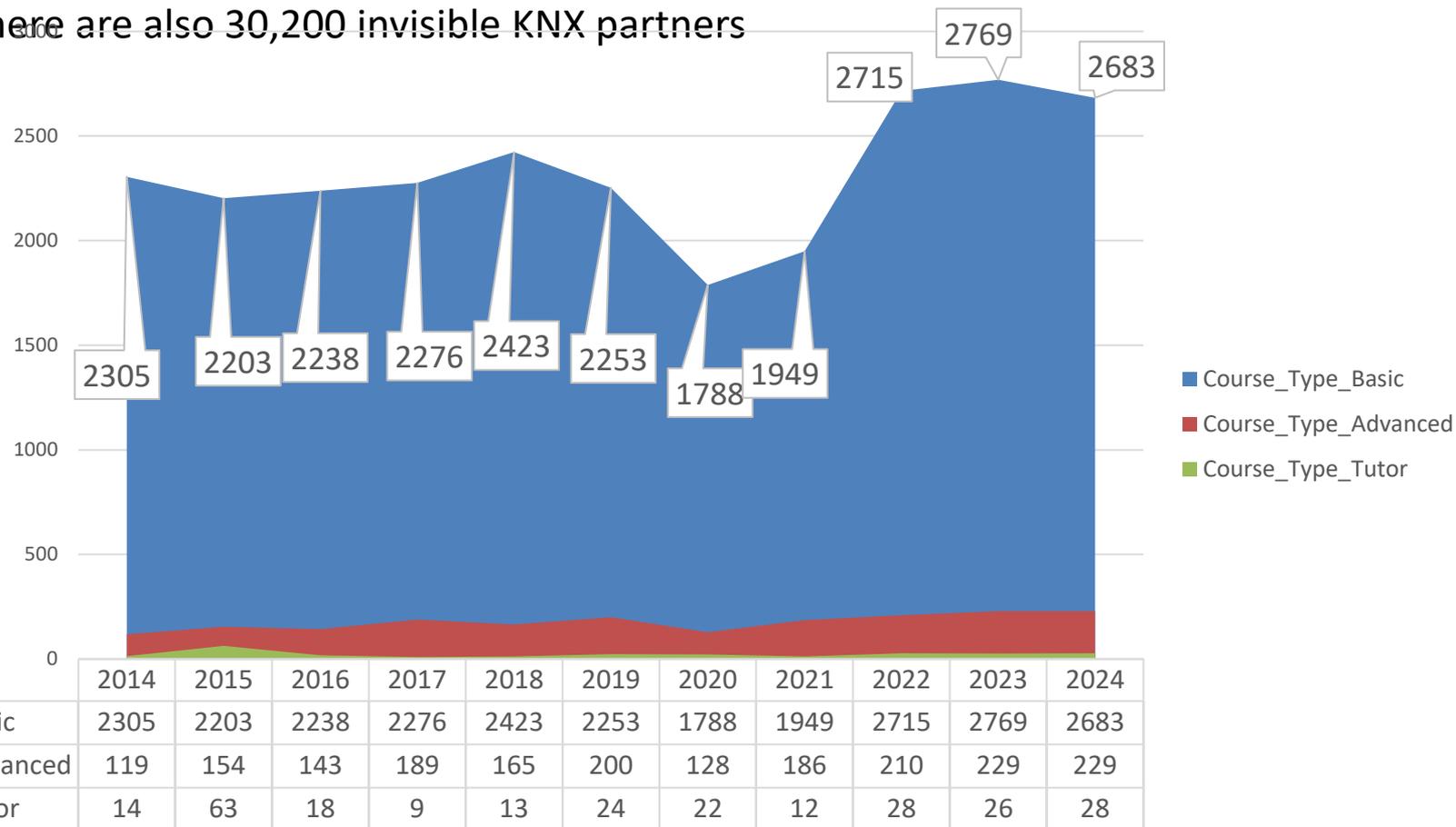
Evolution of extra courses attended by KNX Partners over the past five years





KNX Partners in Germany

- Currently 13,660 **visible** KNX Partners in Germany
 - There are also 30,200 invisible KNX partners





KNX Partner ranking



What is the KNX Partner Ranking System?

- The KNX Partner Ranking is a rating system especially designed for KNX partners whereby KNX partners are displayed on the KNX partner website based on their strengths.
- These strengths are represented through 5 categories:
 - Knowledge
 - Tools
 - Engagement
 - Realized KNX Projects
 - Customer Feedback

Company	City	Qualification (total)
IoT Domotica Solutions	Lier	★★★★★
Dimotechnology	Beigem	★★★★★
Posilabo	Lige	★★★★★
Doe	Aalst	★★★★★
The Wizard Of Dreams Bvba	Aalter	★★★★★

Company	City	Qualification (total)
IoT Domotica Solutions	Lier	★★★★★
Kurt Vermeylen		★★★★★ Knowledge
	Website: iot-domotica.solutions	★★★★★ Tools
Hillaarseik 1 bus 10		★★★★★ Engagement
2500 Lier	E-Mail	★★★★★ Projects
Belgium		★★★★★ Feedback
	Link to map	★★★★★ Total
phone: +32.32845592		



Goal of the KNX Partner Ranking.

The main objectives of the KNX Partner Ranking system are to:

- **Help the end customers** find reliable, active, and experienced KNX partners.
- **Promote quality and active engagement** among KNX certified Partners.



Requirements for participating in KNX Partner Ranking

The requirements are:

- Only for **official KNX Partners** who have successfully passed the KNX Basic course.
- **Official partner account:** Your regular account cannot be used.
- **Visibility as KNX partner:** the partner ranking is only displayed if the KNX Partner sets his/her partner account as “visible on the KNX website”

The screenshot shows the 'Profile' page of a user on the KNX website. The page is divided into several sections: 'Your Personal Information', 'Products', 'Orders / Invoices', 'Signatures', 'Applications', 'Trainings', 'Vouchers', and 'Marketing Content'. A red box highlights the 'Account' menu in the top right corner, which contains the option 'Profile: View and edit your profile information'. A red arrow points from this menu to the 'Visible on KNX website' checkbox, which is also highlighted with a red box. The checkbox is checked, indicating that the user's profile is visible on the KNX website. A red circle with the number '1' is located in the top right corner, and a red circle with the number '2' is located in the bottom right corner.



How the KNX Partner Ranking is calculated?

The ranking is based on a **credit points system**, where KNX Partners earn points by engaging in specific KNX-related activities.

- KNX partner can gain until **100 credits resp. 5 stars** per each category. The exact number of credits for each category can also be viewed in the MyKNX account (profile - click on your partner number).
- The complete partner ranking list is displayed on the KNX website. Only the stars of the partners are shown.
- KNX partner can gain in **total 500 credits resp. 5 stars**. The stars for the category '**Total**' are calculated as follows:

Credits	Stars
1-100	*
101-200	**
201-300	***
301-400	****
401-500	*****



How to gain credits in different categories?

1. Category “Knowledge”:

- KNX Partner can gain credits in this category by visiting different courses types.

Courses/Webinars	Credits	Explanation
Basic course	40	
Condensed Practical Basic	30	
Advanced course	20	
Condensed Practical Advanced	15	
HVAC Specialist course	15	
Tutor course	10	
KNX Refresher course	10	10 credits can be gained when attending the one-day “KNX refresher course”. 2 credits are lost every year. If you attend a second refresher course within 5 years, you simply top up your credits to 10.
KNX Webinars	3-9	3 credits per webinar (Max. 9 credits). 3 credits will expire every year.
eCampus	2	

Star rating:

Credits	Stars
1-35	**
36-55	***
56-75	****
76-100	*****



How to gain credits in different categories?

2. Category “Tools”:

- KNX Partner can gain credits in this category by purchasing ETS licenses and KNX ETS apps.

Star rating:

Software (1)	Credits	Comments
ETS Lite	10	ETS5 Lite or ETS6 Lite
KNX ETS App	2-20	Two credits per KNX ETS App . Max. 20 credits to gain. Member Apps are not taken into account.
ETS Home	20	
ETS x Professional	30	ETS4 Professional, ETS5 Professional or ETS6 Professional
Always the latest professional software generation	30	This means that if the KNX partner has an ETS6 Professional license, he/she gains 60 credits instead of 30 credits (30+30).

Credits	Stars
1-10	*
11-20	**
21-50	***
51-90	****
91-100	*****

Note (1): one license per account is counted, except for KNX ETS Apps



How to gain credits in different categories?

3. Category “Engagement”:

- KNX Partner can gain credits in this category by showing his/her commitment and by participating in different events and fairs.

	Credits	Comments
Visiting KNX fair	5-15	Only when fair voucher is used, credits are gained. 5 credits per used voucher (Max. 15 credits). 5 credits will expire every year. Whether fair vouchers will be distributed during a KNX fair, is communicated by KNX Association.
Visiting a National Group event	5-15	Only when event voucher is used, credits are gained. 5 credits per used voucher (Max. 15 credits). 5 credits will expire every year. Whether event vouchers will be distributed during a National Group event, is communicated by the National Group.
Survey KNX partners	5	Participation in random surveys sent by KNX Association International (not the satisfaction survey sent right after each KNX certified course)
Newsletter	3-20	3 credits per selected newsletter in the MyKNX account (Max. 20 credits)
Update your partner profile	20	Only via your MyKNX account (menu: Account - Update your partner profile)
Partner in National Group or Userclub	50	If the KNX partner is also a partner (*) of a KNX National group or Userclub of his country, then he/she can gain an additional 50 credits. Contact your National Group or Userclub and make sure that the responsible person adds you to their National Group or Userclub.

Star rating:

Credits	Stars
1-10	*
11-20	**
21-40	***
41-50	****
51-100	*****



How to gain credits in different categories?

4. Category “Realized KNX projects”:

- A KNX partner can promote their KNX projects to potential customers by uploading them to the [KNX project platform](https://projects.knx.org), which will be featured on the [partner website](#).

https://projects.knx.org	Credits	Comments	Star rating:	
Upload KNX project	10 to 40	10 credits per uploaded KNX project. Upload as many projects as you like, but only 4 uploaded projects will give you credits. This means that if you upload 4 projects, you will be assigned the maximum amount of possible credits, in this case 40	Credits	Stars
Quality of your best KNX project selected in your MyKNX 'Update Partner profile' page	10 or 30	30 credits are assigned if the KNX project exceeds the minimum qualification threshold set by KNX (this threshold is internal and not communicated).	1-10	*
Nominee for the KNX Awards (as of 2010)	10	10 credits are assigned if you state that your project was also handed in for the KNX awards, and you become a nominee. Your projects will be judged on the following elements (click here).	11-20	**
Award winner (as of 2010)	20	20 credits are assigned if you state that your project was also handed in for the KNX awards, and you become the award winner. Your projects will be judged on the following elements (click here).	21-50	***
			51-70	****
			71-100	*****



How to gain credits in different categories?

5. Category “Customer feedback”:

- Once the project has been uploaded to the **KNX project platform**, the KNX partner has the option to enter the **end customer’s (home or building owner’s) email address** to request their feedback. If feedback is provided, additional credits (up to 100 credits) may be awarded.

Star rating:

Questions to customer (home/building owner)	Credits
How do you rate the overall quality of the project?	20
How would you rate the KNX qualification of the KNX installer?	20
What was your overall satisfaction with the KNX installer?	15
Would you recommend this KNX partner to other house/building owners?	15
Have you received, filled out and signed the checklists before starting the project and after hand-over of the project?	10
Have you received the necessary instructions/training for the correct use and management of your KNX installation?	10
Have you received the ETS KNX project file from the KNX installer? This ETS project file might be required in case modifications are needed to the installation.	10

Credits	Stars
1-20	*
21-40	**
41-60	***
61-80	****
81-100	*****



Advantages of the KNX Partner Ranking System

- **For KNX Partners:** It's a way to stand out, gain more visibility, and build trust and credibility with potential end customers.
- **For end customers:** It simplifies the search and experienced KNX professionals.
- **For KNX community:** It promotes a spirit of engagement and continuous development within KNX ecosystem. The ranking distinguishes more active and committed partners from others, creating a competitive edge in the market.



* Further details about the KNX Partner Ranking System are available on our [KNX Support platform](#).



Questions

ufuk.unal@knx.org





Smart home and building solutions.
Global. Secure. Connected.

Thank you for your
attention!

