

Department for EU Projects in VET, Cologne Government Regional Office



EUGESCologne



28.05.24

Federal system of Germany

Federal states



North Rhine-Westphalia Administrative districts



https://www.umweltbundesamt.de/sites/default/files/medien/376/bilder/deutschlandkarte_blanko.png, modifiziert

https://upload.wikimedia.org/wikipedia/commons/thumb/8/8a/North_rhine_w_administrative_districts.svg/1200px-North_rhine_w_administrative_districts.svg.png, modifiziert

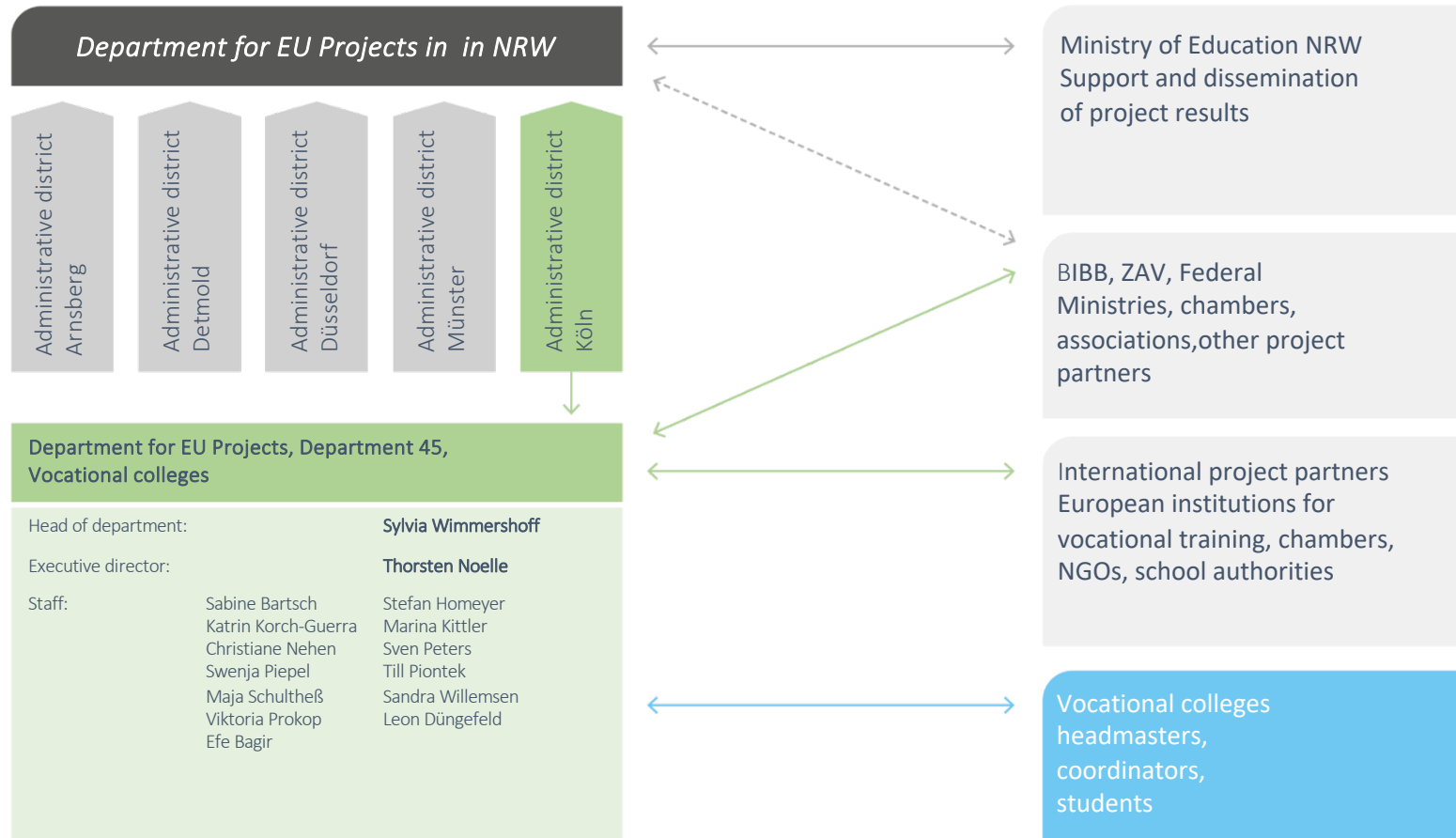
Federal system of Germany

Administrative district of Cologne
56 Vocational schools



https://www.bezreg-koeln.nrw.de/brk_internet/regierungsbezirk/index.html, modifiziert

Structure of the department



Tasks of the Department for EU Projects

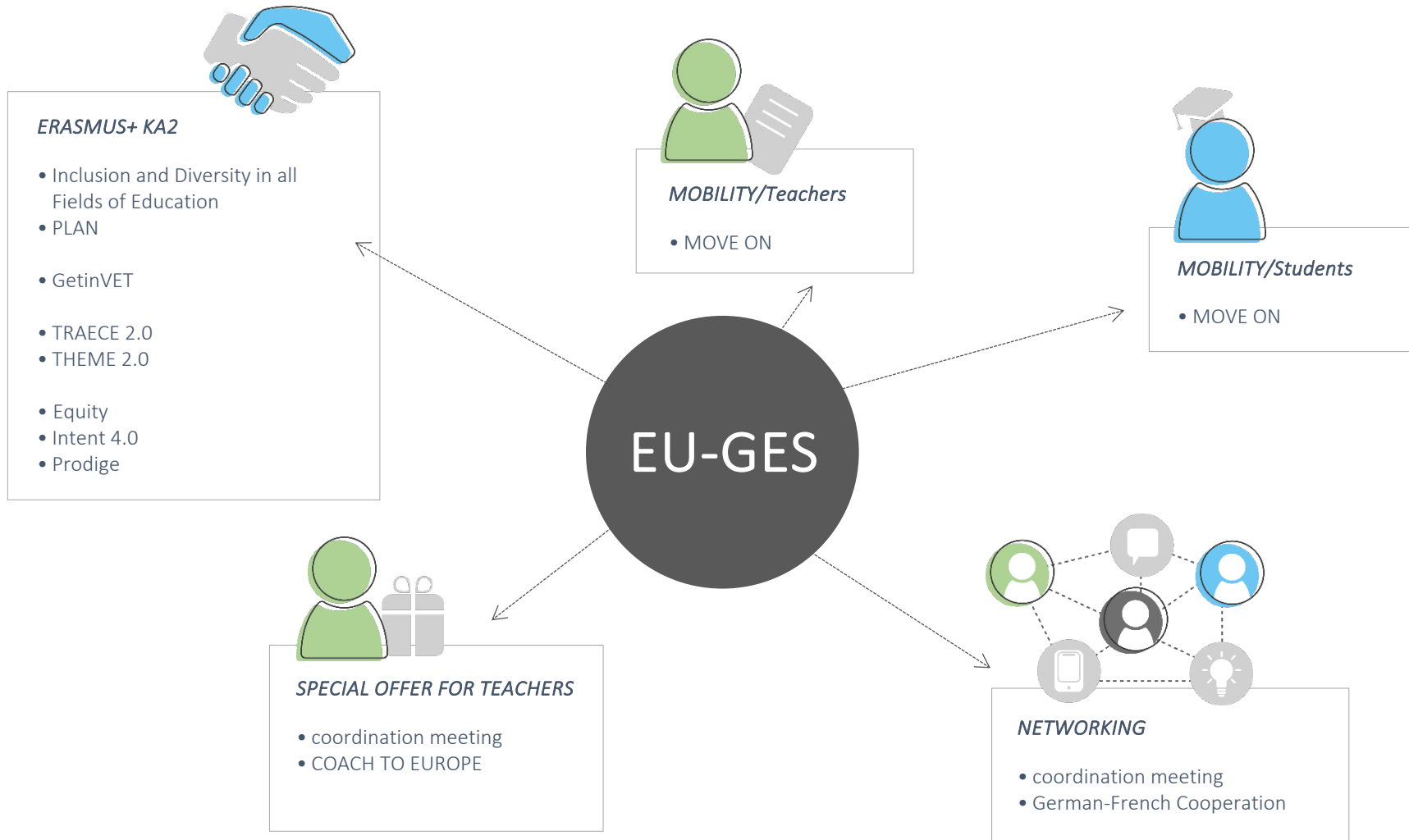
- Advising and supporting vocational colleges in international cooperation with regards to European vocational education and training
- Support in project planning and realization
- Cooperation with and Procurement of European project partners
- Assurance of quality standards
- Development and establishment of networks
- Realization and implementation of events and workshops
- Development of teaching material with European orientation, Learning Units and Learning Outcomes, VQTS Competence Matrices, Databases

Partners of the Department for EU Projects

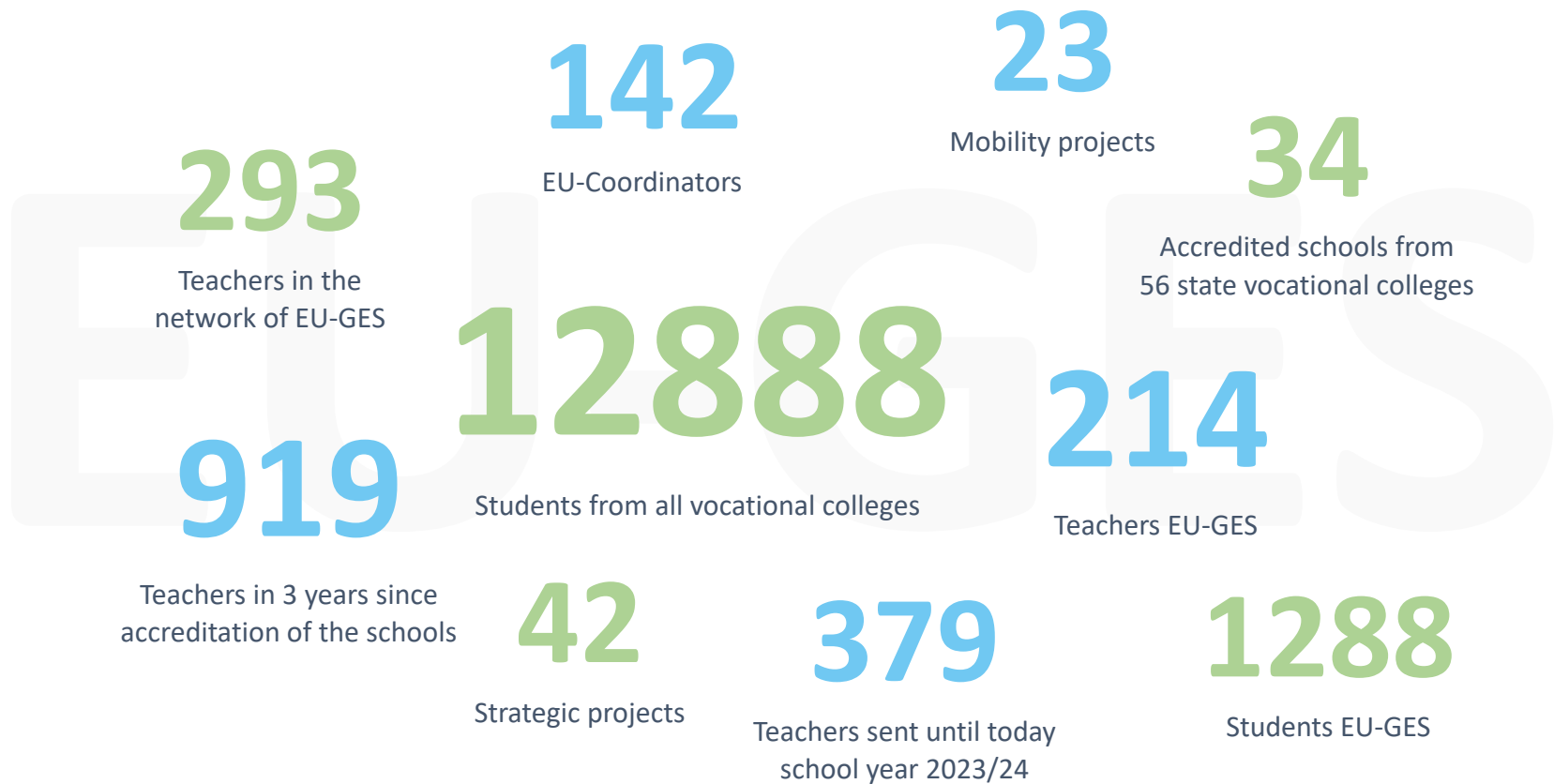


- vocational Colleges (57) in the area of Cologne (headmasters, coordinators, (±120 000 students)
- Companies
- European agencies of the four other Regional Governments in NRW
- National agencies for European programs
- Representatives of education authorities of all kinds of schools
- Ministries
- Trade and Industry Associations
- Chamber of Industry and Commerce/Chamber of Trades
- Project partners and various networks from Germany and from abroad

Current projects of the Department for EU Projects



25 years Department for EU Projects

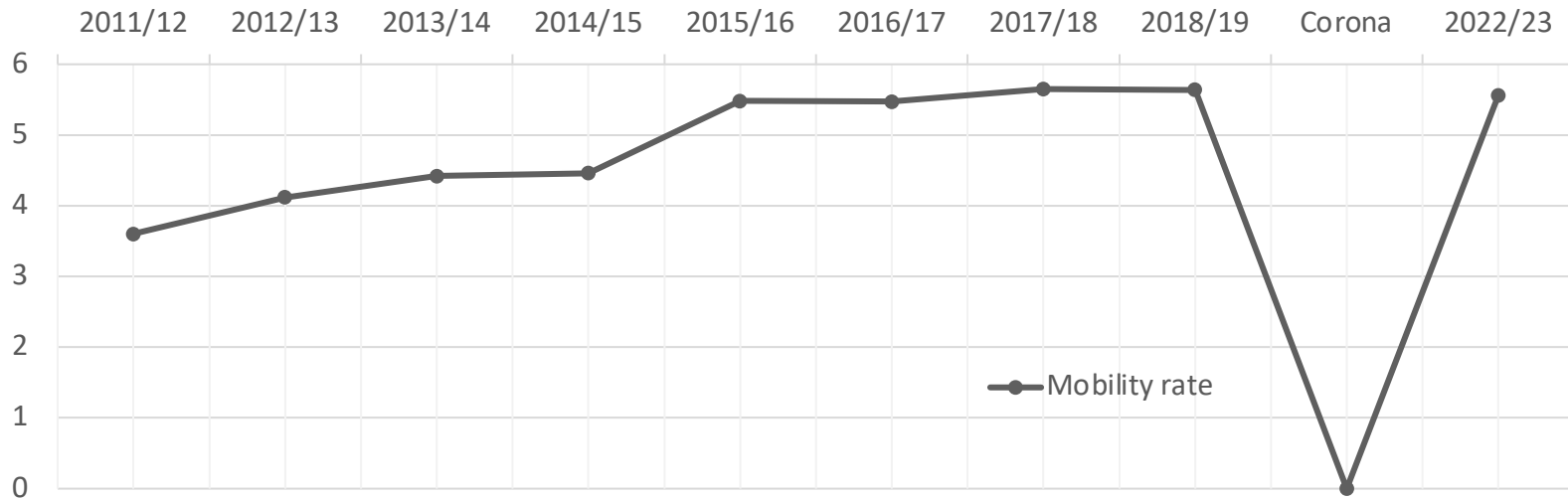


25 years Department for EU Projects

für eine Kultur der Digitalität der Gesellschaft
PRODIGE
IN-DI
VET 4.0 **MOVE** *für Europa* **EQUITY** *für Inklusion und Vielfalt*
Gemeinsam stark
für Demokratie und Partizipation **INTENT** *für Fachkräftegewinnung und -sicherung*
TRAECE *für Nachhaltigkeit* **GeTinVET**
PLAN

Mobility Rates - Cologne district

95% of our vocational colleges have a European orientation



	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	Corona	2022/23
Mobility	1116	1255	1346	1323 (PW)	1605	1579	1619	1605	0	1440
Mobility Rate	3,60%	4,12%	4,42%	4,46%	5,48%	5,47%	5,65%	5,64%	0,00%	5,56%

ERASMUS+ | Numbers 2022-23

Numbers ERASMUS+

1. Project Move On of EU Department Cologne

- 108 Entsendungen (21-22: 93)
- SUS: 76 (21-22: 73)
- KUK: 32 (21-22: 20)

2. Mobilities of students 2022/23

- 1440

3. Travelling colleagues of EU Department Cologne

- 18 (21-22: 21)

4. Travelling colleagues of Regional Government Cologne in total

- 343 (21-22: 197)
- 37 VET Colleges (21-22: 37)

Numbers of EU Department Cologne

1. Network of Vocational Colleges

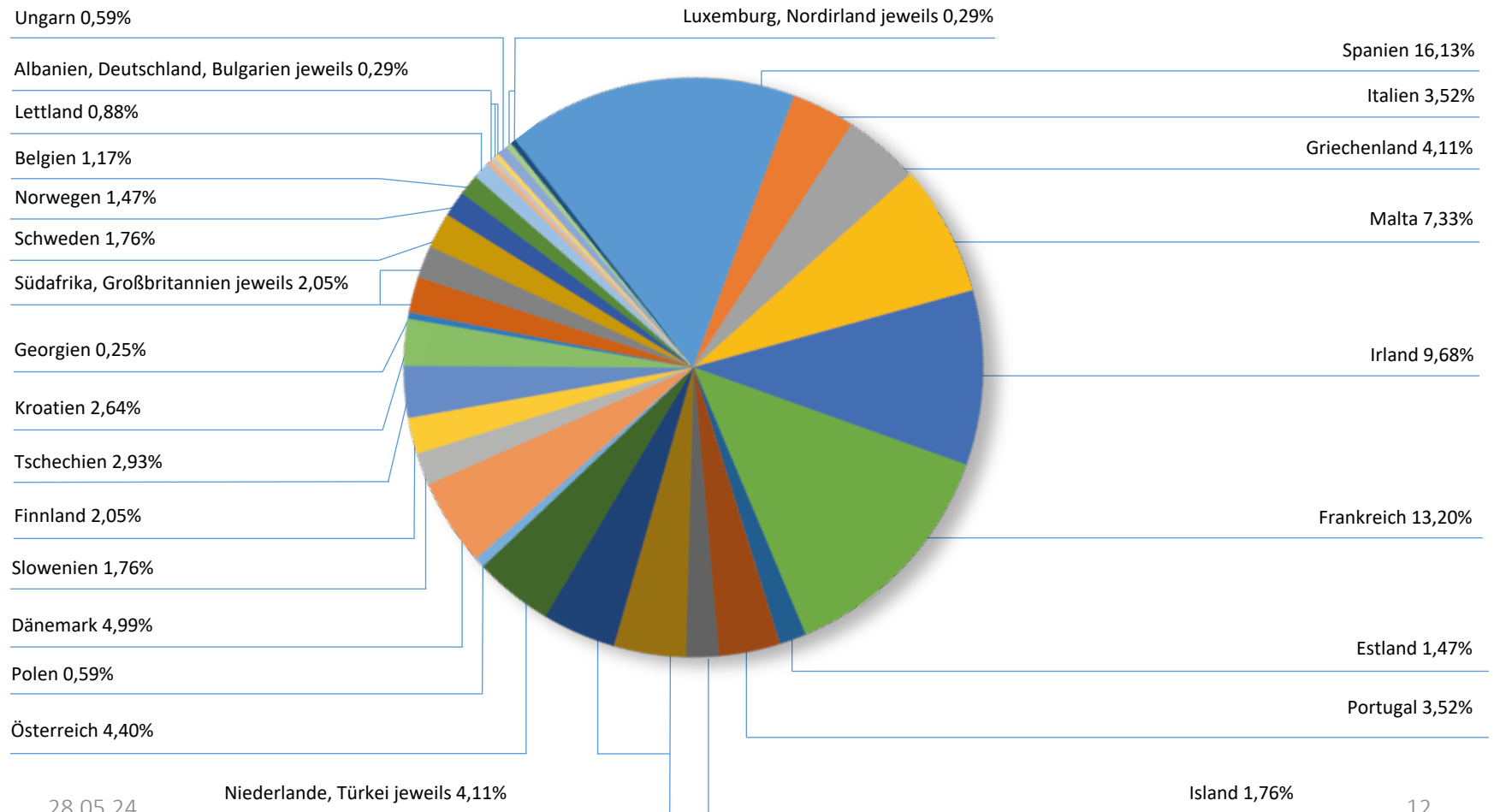
- **Network of EU-Coordinators**
118 persons
- **Extended Network**
235 colleagues

2. Further education on internationalization strategies and school development

- 24 VET Colleges
- + 80 colleagues

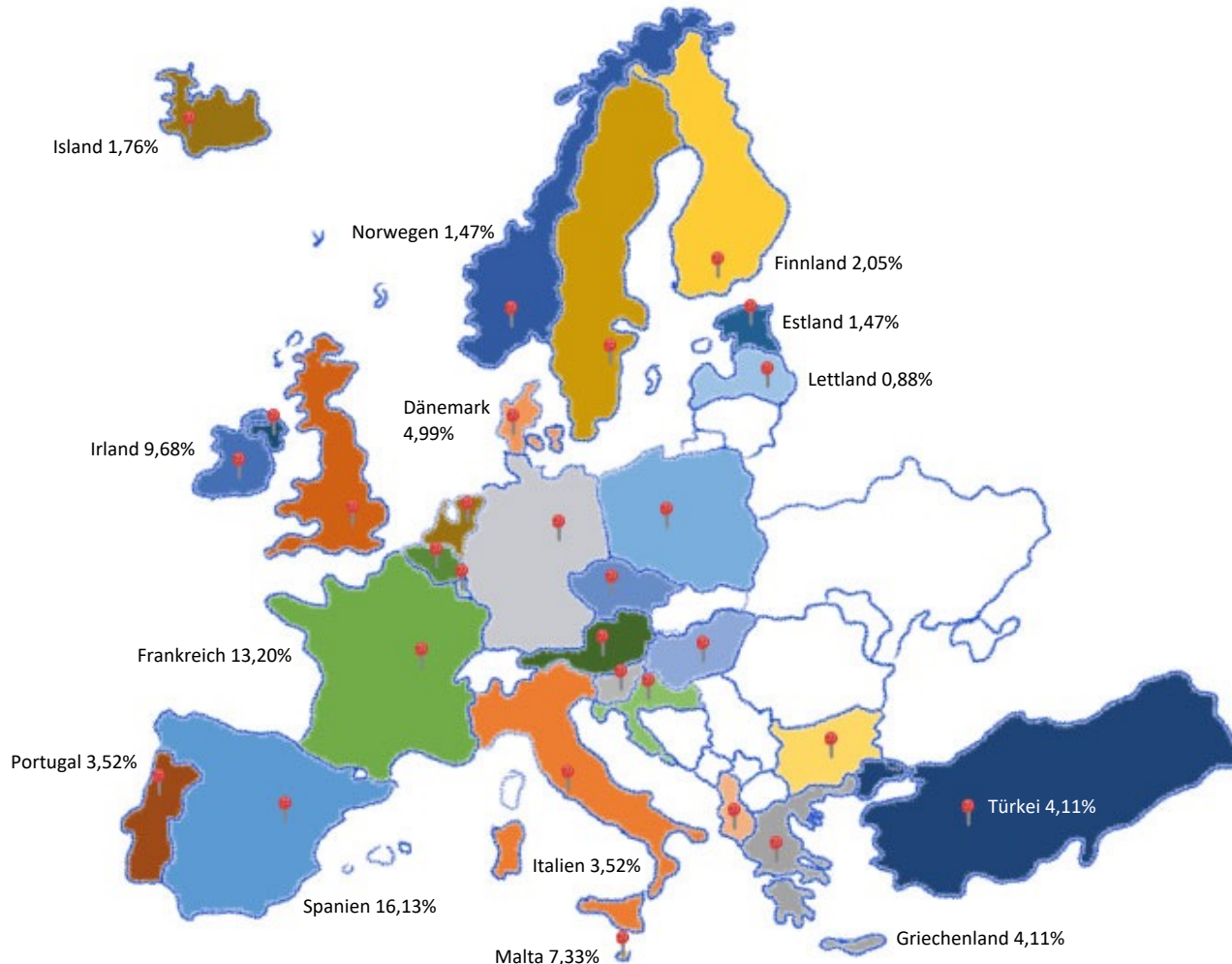
ERASMUS+ | Numbers 2022-23

Travelling colleagues of Cologne Government Regional Office in total



ERASMUS+ | Numbers 2022-23

Travelling colleagues of Cologne Government Regional Office in total



Current Projects | MOVE ON Mobility



MOVE ON is the current mobility project which, like all previous mobility projects of the EU Department, aims to enable trainees and training staff to gain experience abroad.

Within the framework of internships, participants can, on the one hand, test and expand what they have already learned - the relevant foreign language and specialist knowledge - in practice. On the other hand, they learn new work processes and work techniques in the internship companies.

MOVE ON is aimed at vocational colleges that are still in the process of developing an internationalization strategy and therefore have not yet submitted their own Erasmus+ applications.

The support provided by the EU office and the training courses held as part of the mobility projects prepare the vocational colleges optimally for their own application and give them the necessary security in the implementation, especially at the beginning.

<https://www.bezreg-koeln.nrw.de/themen/schule-und-bildung/eu-geschaefsstelle-fuer-wirtschaft-und-berufsbildung/mobilitaeten-la1-2>



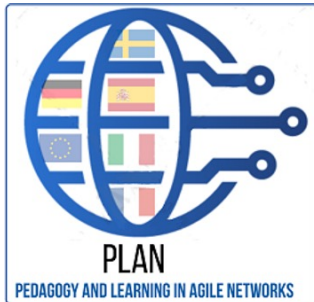
Green Transition in Vocational Education and Training

Buildings account for a large proportion of energy consumption in the European Union. At the same time, the intelligent linking of the technical components of buildings requires interdisciplinary cooperation more than ever. For this reason, the traditional initial vocational training professions in the fields of electrical engineering, supply engineering and construction engineering must be enabled to work together in a networked manner in order to support the EU's climate targets. The starting point for the activities are two frameworks (a VQTS competence matrix and a matrix for sustainability competence in the field of building services engineering) with the help of which and on the basis of which interdisciplinary learning modules for trainees and further

training modules for teachers are to be developed. To this end, empirical studies will be carried out to investigate the requirements of the working world. The project will provide an overview of the qualifications currently required throughout Europe to work in the field of building services engineering. To this end, a current skills matrix and a matrix for sustainable thinking and action will be developed for the building services engineering sector. On this basis, the project will develop interdisciplinary learning modules for initial vocational training and associated further training modules for teachers and trainers.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/GeTinVET>

Current Projects | PLAN



PLAN - Pedagogy and learning processes in agile networks

Schools are networking to promote agile learning processes with design thinking and scrum management, to develop digital learning products and to further develop student-based, individualized teaching. Networked thinking in increasingly complex processes will become ever more important in a working world 4.0. Creativity, problem-solving strategies, the ability to work in a team, empathy and a holistic approach to challenges are important 21st century skills.

As teachers, we want to set out and network with companies and social organizations. We want to drive forward our own professional development in agile processes in order to prepare our learners for the living and working world of tomorrow.

In our project, we are developing digital learning products in a dynamic, iterative design-thinking process. In a team-based cooperation, we strive for continuous improvement processes of the digital products. In addition to digital learning products, we create process instructions and tutorials. Last but not least, we try to find answers to pedagogical questions and challenges in order to clarify the creation and development processes.

This creates both an innovative climate in schools and a shift towards creative and interactive forms of teaching as well as a positive view of mistakes as learning opportunities.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/PLAN>



Inclusion and Diversity in all Fields of Education

Well-being is important for the development of important democratic competencies. Positive emotions are linked to the development of flexibility and adaptability, openness to other cultures and beliefs, self-efficacy and tolerance of ambiguity.

The main goal of the project is to support teachers, school leaders and other educational professionals in the field of inclusion and well-being. Good practices are to be shared and adopted in their own teaching. Based on a research part analyzing the aspects of inclusion and well-being, a guide of good practices and tools will be created.

The project will focus on the impact of various factors that are conducive to inclusion in schools across Europe. The project will include many benefits of improving well-being as an important part of school inclusion.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/IN-DI>

Further Sustainable Projects | PRODIGE



PROMote DIGitalisation for Education & training

Today, the labor market presents several challenges due to the changing demands of a more globalized and intercultural world and the increasing mobility of the workforce. The financial constraints of EU programs and school budgets unfortunately allow only a handful of students to participate in a mobility experience each year.

New ways must be found to bring Europe closer to local students by introducing more internationalization at home. Against this background, the general objective of the project is to strengthen the European dimension of vocational training centers, which

today are strongly affected by the circumstances created by the COVID 19 pandemic, by improving their internationalization strategies thanks to the use of digital tools and the development of teachers' digital skills.

<https://www.euqes-cologne-projects.eu/Projects-EU-GES/PRODIGE>

Further Sustainable Projects | EQUITY



equal opportunities and inclusion in vocational education and training for young refugees

Rising migration figures, whether due to wars, civil wars, economic reasons or climate change, present European societies with the challenge of offering refugees and migrants an opportunity for their future lives. At the same time, there is a shortage of skilled workers in many European countries.

Consequently, it is necessary to support and motivate young people to start vocational training so that they can be successfully integrated into working life. There are various challenges in this regard.

This is where the project "EQUITY - Equal Opportunities and Inclusion in Vocational Training for Young Refugees and Migrants" comes in. The aim is to share experiences with the successful inclusion of refugees and migrants from all over Europe, to combine best practices and to use synergy effects to develop a holistic pedagogical strategy for successful inclusion.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/EQUITY>

Further Sustainable Projects | INTENT 4.0



Interdisciplinary Teaching and Training 4.0

In the context of advancing but uneven digitization, it is important that vocational training offers future-oriented preparation for the world of work 4.0.

In this project, we have developed training modules for the professional development of teachers and trainers that enable students to be optimally prepared for the world of work 4.0 by supporting the use of innovative teaching and learning practices and taking into account the concrete requirements of the world of work - such as multidisciplinary collaboration, complex problem-solving skills, human-machine

interface management and cybersecurity. The modules should be able to be used for flexible, interactive training, e.g. in summer schools or seminars, and should be oriented to the different regional needs of the project.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/INTENT-4-0>

Further Sustainable Projects | TREAICE 2.0



*Training, Networking and Mobility in Early Childhood Education and Care im Rahmen sozialpädagogischer Ausbildungen, z.B. Erzieher*innen*

The aim of the project was to develop a competency-based matrix and overview that summarizes the necessary competencies in the field of Early Childhood Education and Care (ECEC) from 0 to 6 years in the participating project countries. This will simplify and promote cross-national internships.

The developed tools can also be used as a basis for longer-term internships abroad and can be the prerequisite for mutual recognition of trainings and parts of trainings.

The database THEME Smart Mobility Tool, which was developed by the Department for EU Projects in Vocational Education and Training, Cologne Government Regional Office (EU-GES), has been extended to include the area of ECEC, so that international exchanges can be carried out at a high level and with the help of ECVET and assessment instruments. We are continuing the project with the international TRAICE network.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/TRAICE>

Further Sustainable Projects | VET 4.0



Digital revolution, Internet of Things, Industry 4.0 - these are key words for current developments in the economy. But what does this mean for vocational training? What future challenges will arise? The implementation of the world of work 4.0 poses new challenges for vocational education and training.

Competence requirements for future employees will change. Relevant learning content for the implementation of Working World 4.0 must therefore be identified, prepared didactically and methodically, and made accessible to a broad potential of users.

Building on this, the VET 4.0 project aimed to identify and implement future competence requirements for trainees and teachers.

Together with 8 European partners, we developed innovative learning modules for trainees, vocational school teachers and company trainers with a focus on the electronics and mechatronics sectors.

<https://www.euges-cologne-projects.eu/Projects-EU-GES/VET4-0>

ERASMUS+



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