



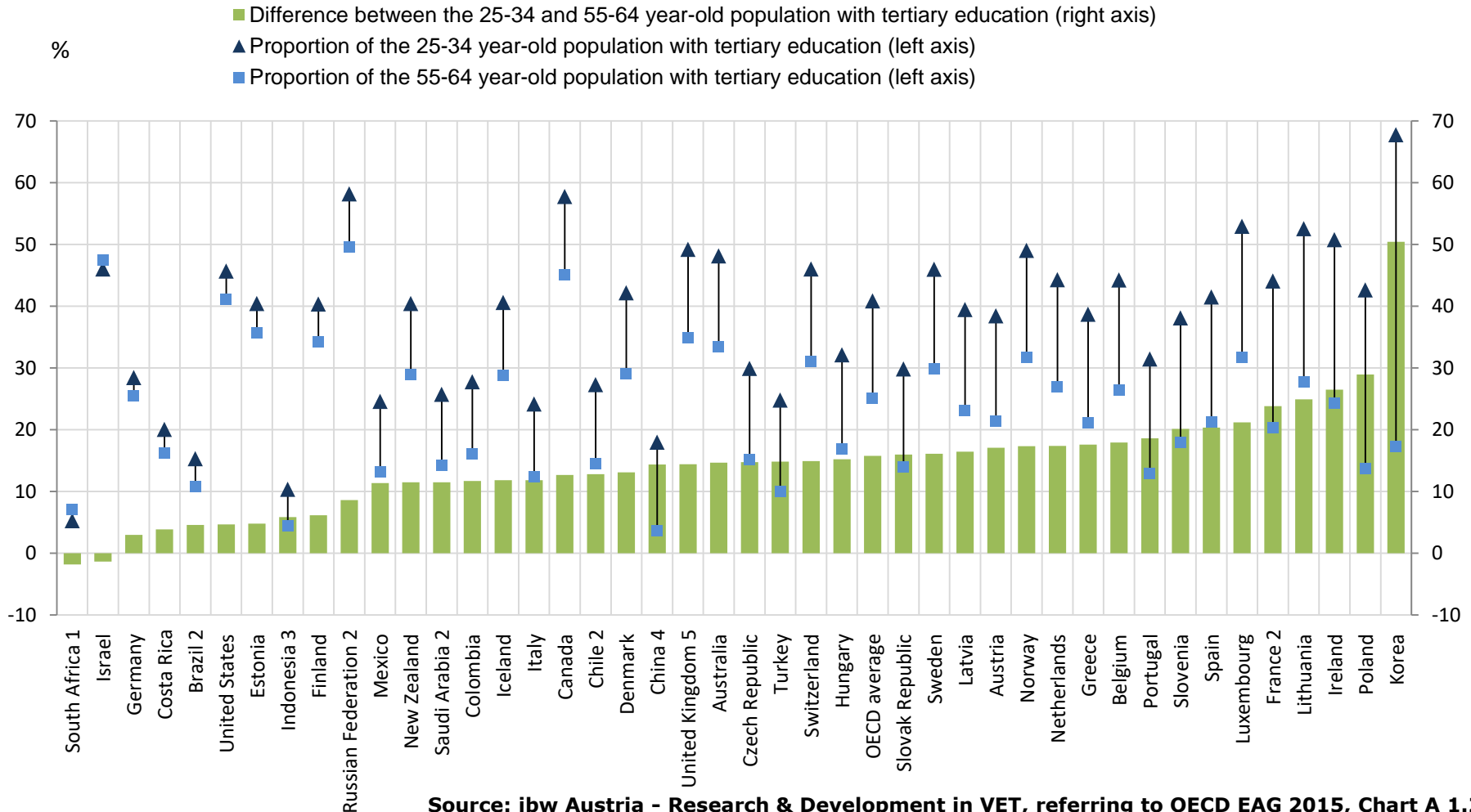
The Austrian Dual VET System

**iidVET Kick-off meeting, Valladolid, Spain
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Geht's der Wirtschaft gut, geht's uns allen gut.

Trend in most countries: Focus on higher education



Source: ibw Austria - Research & Development in VET, referring to OECD EAG 2015, Chart A 1.2.

But: Higher education alone does not provide the broad skills mix that is needed



High quality VET is equally important:

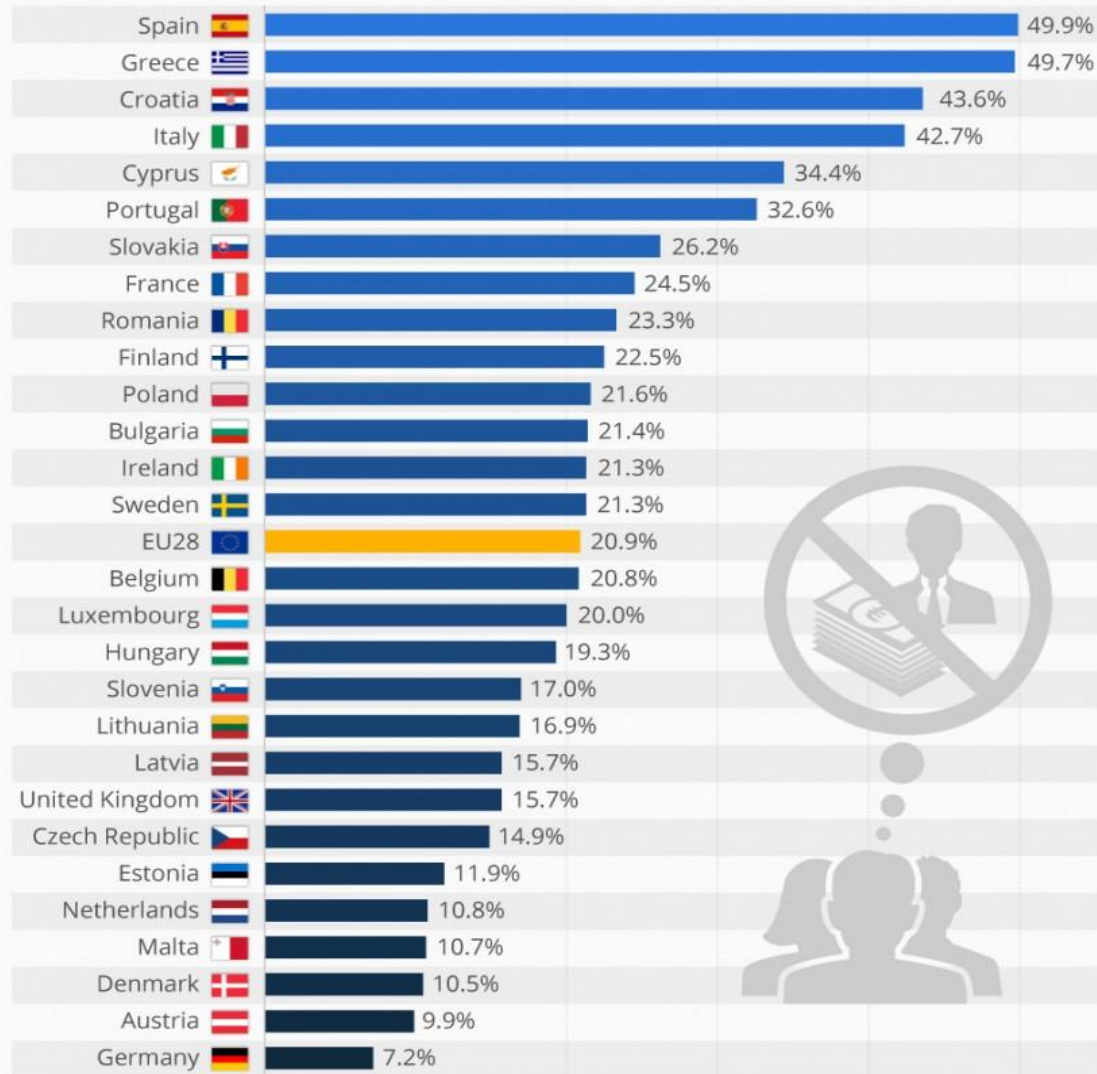
→ for providing job relevant skills

→ to realise the potential of learners

Source: ibw Austria - Research & Development in VET

Youth Unemployment Still Unrelenting In Europe

Youth unemployment rate in the European Union in March 2015*

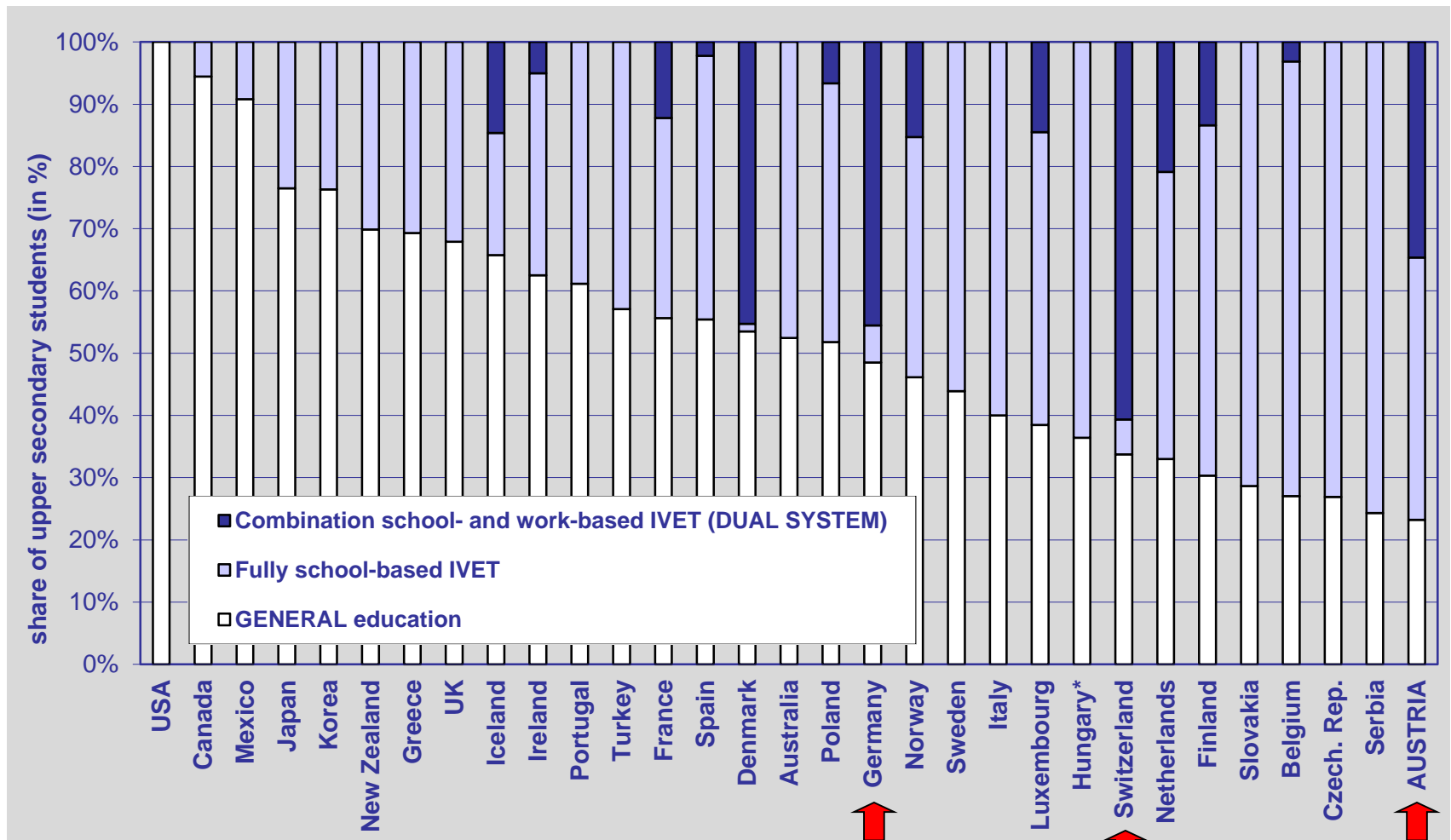


CC BY ND * Persons under 25
 @StatistaCharts Source: Eurostat

statista

Education Systems:

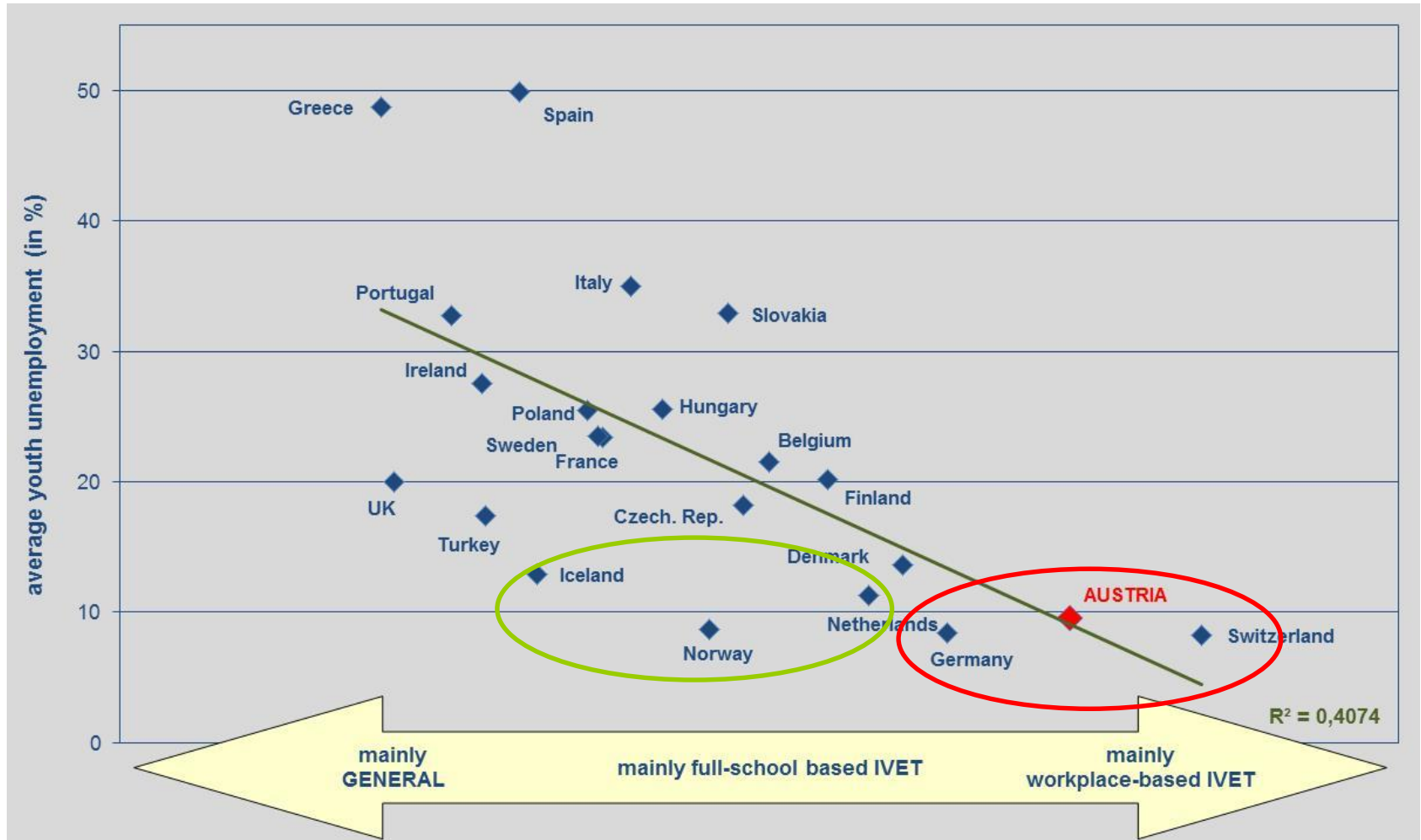
Shares of students in Upper Secondary Education by programme type



Source: ibw based on EUROSTAT data; * internet based data (not strictly comparable to Eurostat)

IVET in upper secondary education & youth-unemployment

(average of past 5 years)



Source: ibw based on EUROSTAT data; * Internet



→ Conclusion

VET, especially DUAL vocational training:

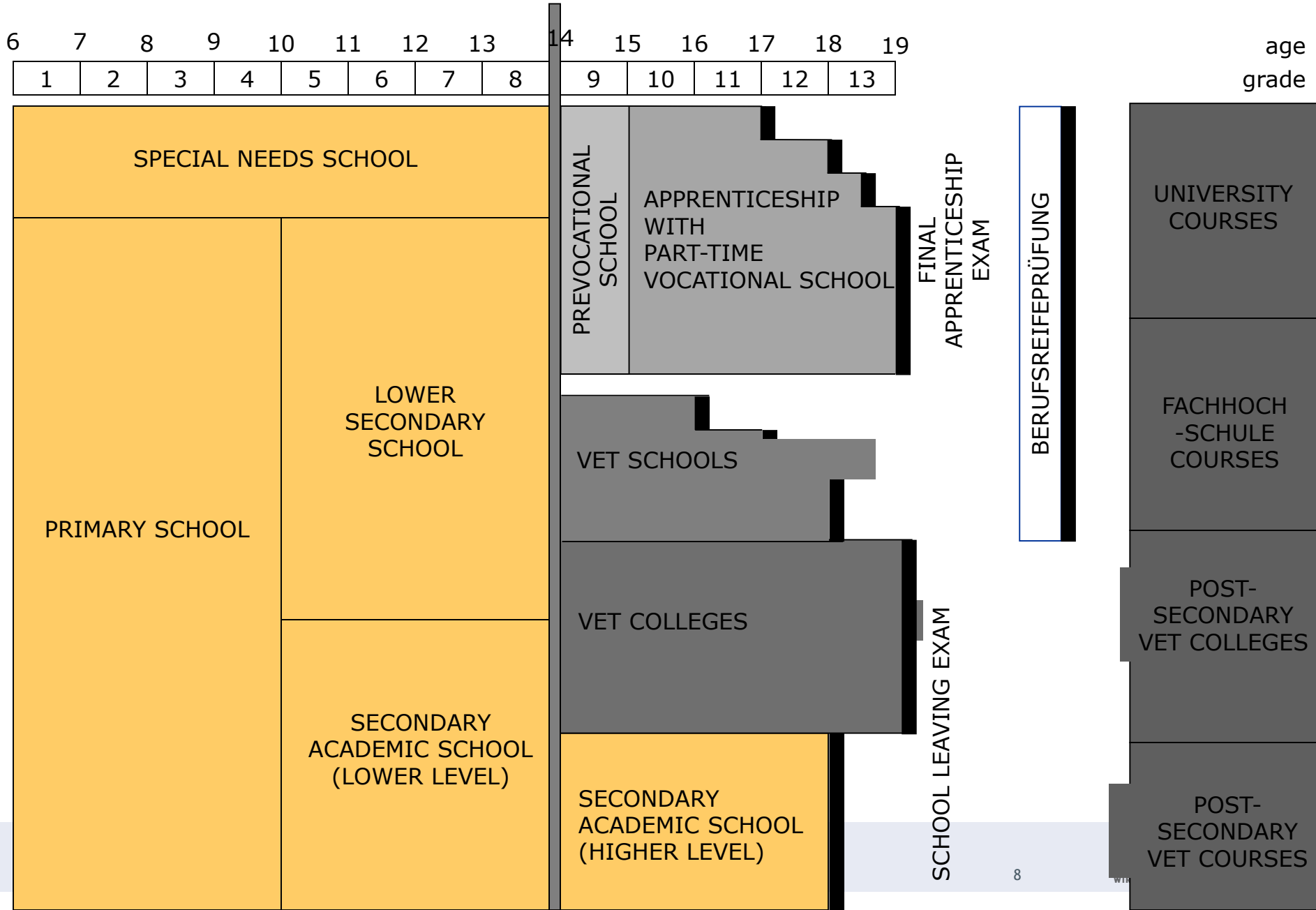
➤ an increasingly important issue for the EU and worldwide

➤ a success factor for competitiveness

➤ *crucial for the economic and social development*



The Austrian Educational System



Definition

■ What is the dual system?



young
stars



European
Commission

Definition

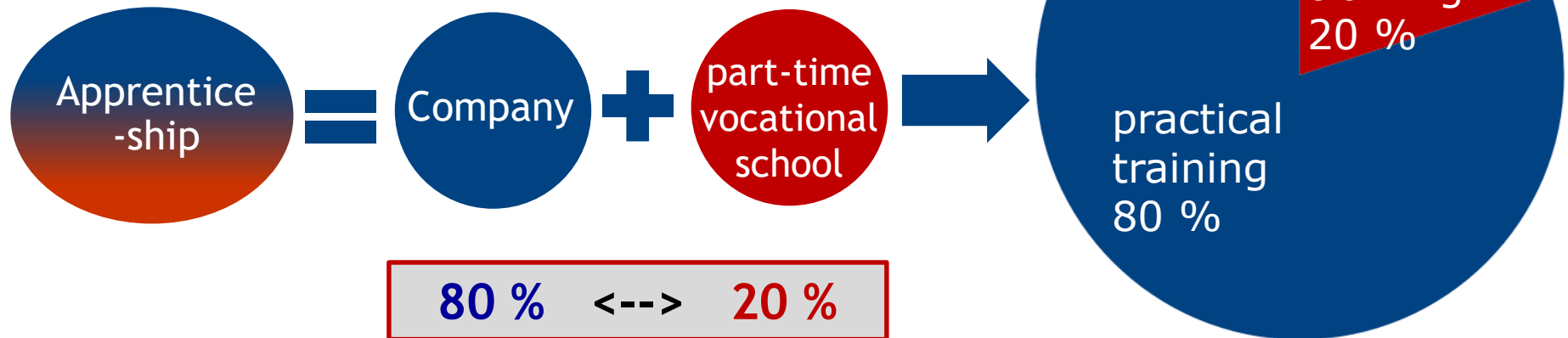
What is an apprenticeship?



www.ec.europa.eu/apprenticeships-alliance

APPRENTICESHIP IN AUSTRIA

Learning by Doing



YOUR APPRENTICESHIP - new on YouTube:

https://www.youtube.com/watch?v=_tV2PxV5ge0



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The apprenticeship system - comparison of countries

- **Differences between Austria and Germany (Switzerland, Liechtenstein)**
 - **Number of apprenticeship occupations**
 - AT: around 200
 - CH: around 250
 - DE: around 330
 - LI: around 110
 - **Apprenticeship starting age**
 - AT: 16,6 years (with an upward trend)
 - DE: 19,7 years
 - ➔ in AT, only 2% start an apprenticeship after finishing upper secondary school (after "Matura"), in DE 24% of upper secondary school leavers decide to become an apprentice (after "Abitur")
 - **Percentage of an age cohort**
 - AT: ≈38% after compulsory education
 - DE: ≈56% ("training beginner rate" = "Ausbildungsanfängerquote");
25% of apprentices have general qualification for university entrance ("Abitur")
 - CH: ≈67% (2/3 of an age cohorte)
 - LI: ≈60%

The Austrian apprenticeship system - points of interest

■ Figures

- Approx. 30.000 training companies ($\approx 10\%$ of all companies)
- Approx. 110.000 apprentices
- Approx. 33.000 new apprentices per year ($\approx 38\%$ of an age cohort)

■ Modularisation of apprenticeship training

- 3 modules: (basic/main/special)
- Currently 11 modular apprenticeships, e.g. installations and building technology, metal technology, mechatronics, electrical engineering, electronic engineering, motor vehicle engineering, and others

■ Continuous modernization

- Since 2000, more than 2/3 have been modernized or newly created

The importance of digitization

■ Digitization of the apprenticeship system

- Adaptation to the requirements of the digitization
 - Modernization of 8 job profiles in 2017, e.g.
 - retail trade: digital sellings as another special focus
 - Vulcanisation: diagnostics computer
 - 54 occupations supposed to be adjusted till 2020, e.g.
 - e-commerce retail trade (as a new occupation)
 - chemical processes engineering ("Chemieverfahrenstechnik")
 - vehicle body construction ("Karosseriebautechnik")
 - installations and building technology ("Installations- und Gebäudetechnik")
 - information technology
- Digitization will have strong impacts on crafts and trades, e.g.
 - heating and air-conditioning: smart technology
 - hearing aid audiology: parts of instruments printed with 3D printer
 - Shoemaking: printing of lasts with 3D printer

Main VET programmes in AUSTRIA (1)

Dual Apprenticeship training (around 38% of 16+ year-olds)

→ Demand driven,
“market logic”

- Training enterprise (80%) and part-time vocational school (20% of time)
- Demand-led system: apprenticeship contract between enterprise and apprentice
- Training is based on two regulations (ordinances): training company and school
- Approx. 200 apprenticeships (“professions”) in practically all branches of the economy with a 2-4 years training period depending on the profession
- Basis for “Higher VET”: “Meister” and other professional qualifications

Full time school based VET (around 40% of 16+ year-olds)

→ Supply driven,
“entitlement logic”

- VET Schools and VET Colleges
- Entirely school based but some programs provide for mandatory internships
- Combination of general and vocational education
- Different types and duration (technical, commercial, agricultural, tourism, social, humanities, health)
- Double qualification in VET-colleges: VET-diploma and university access

Main VET programmes in AUSTRIA (2)

“Training guarantee” by AMS (Austrian Public Employment Service)

- Support in finding an apprenticeship in a company
- Workshop based programs in the conceptual framework of dual apprenticeship training (supra-company apprenticeship training - “ÜBA”)

Continued Vocational Education and Training (CVET)

- Relatively unregulated
- Diverse range of training providers
- Formal and non-formal qualifications
- Programmes at all levels - from basic to “higher VET”



world skills
Europe

EuroSkills Competition

- Biannual competition for young professionals up to 25 years
- 35 typical European professions in the fields of engineering, manufacturing and service industries (“official skills”)
 - *In addition: „presentation skills“ determined by the organizer*
- Takes place since 2008 every two years
 - *Rotterdam 2008, Lisbon 2010, Spa 2012, Lille 2014, Gothenburg 2016*
 - *Next competitions: Budapest 2018, Graz 2020*
- In the past European Championship 2016 Austria achieved:
 - *14 medals (5 gold, 5 silver, 4 bronze)*
 - *9 diplomas "Medallion for Excellence"*
 - ➔ *For the 3rd time best European nation in a row in the overall appraisal*



WorldSkills - results from Abu Dhabi 2017



Position	Member	GOLD	SILVER	BRONZE	Medallion for Excellence
1	China	15	7	8	12
2	Korea	8	8	8	16
3	Switzerland	11	6	3	13
4	Brazil	7	5	3	26
5	Russia	6	4	1	21
6	Chinese Taipei	4	1	5	27
7	France	5	3	4	15
8	Austria	4	3	4	16
9	Japan	3	2	4	17
10	United Kingdom	1	3	3	13
11	South Tyrol, Italy	2	1	2	11
12	Germany	0	1	2	17



Thank you for your attention!

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