Doors, open and closed: Comparing consequences of diversion, entrance-selection and failiure in VET in Austria, Slovenia and Germany

Günter Hefler 3s research laboratory www.3s.co.at

3. Berufsbildungsforschungskonferenz Steyr – 6th of July 2012





#### Overview

- 1 The 7EU-VET project further introductory remarks
- 2 Comparing (initial) VET systems in transition: Zooming in
- 3 Link of educational attainment, social stratification and occupational destination: From vertical to horizontal stratification
- 4 Outlook



# (1) The 7EU-VET Project – The Focus of the project



II Implementing the survey in seven countries – Involving a very large sample of VET Schools

III a Methodological conclusions and proposals for improvement

III b Selected cross-country comparative analysis for exploring the analytical power of the data set

Scientific-use file for the cross-country comparative

VET research community –

Storage in national/international data archives



Phase II

Phase III

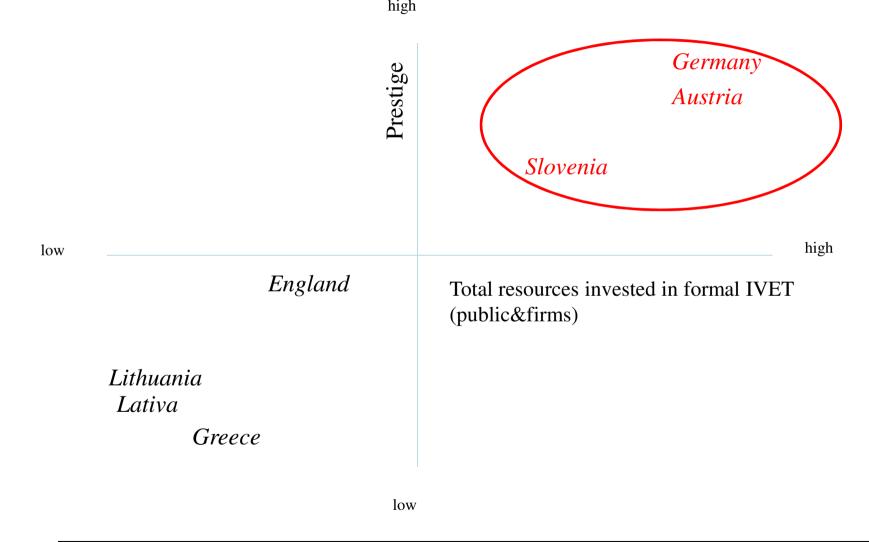
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### (1) The 7EU-VET Project – Topics covered by the survey

Prior schooling (type, grades; prior educational attainment)
expectations connected to VET programme choice
reasons and sources of information for choosing the programme
attitudes towards the current programme
intentions to drop out of a programme
self-assessment of learning habits and school performance
self-assessment of achieved competence
intention for further education, personal career goals and attitudes towards careers
interest in European exchange programmes
IT use within the programme and self-assessment of achieved IT competences
attitudes towards gender equity and gender discrimination in the world of work
information on socio-economic status including families' cultural capital

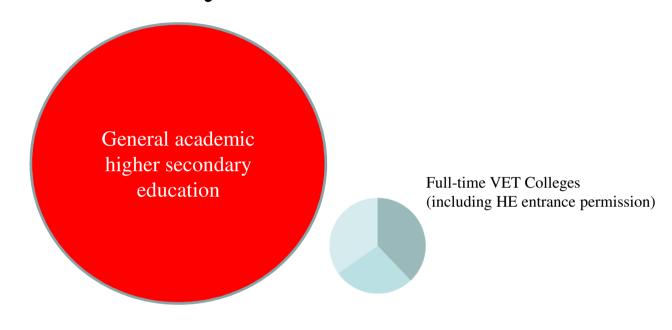


### (2) Typologies of IVET and Skill formation Systems

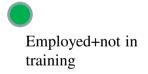


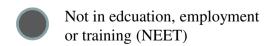


#### (2) 15-19 year old in Lithuania



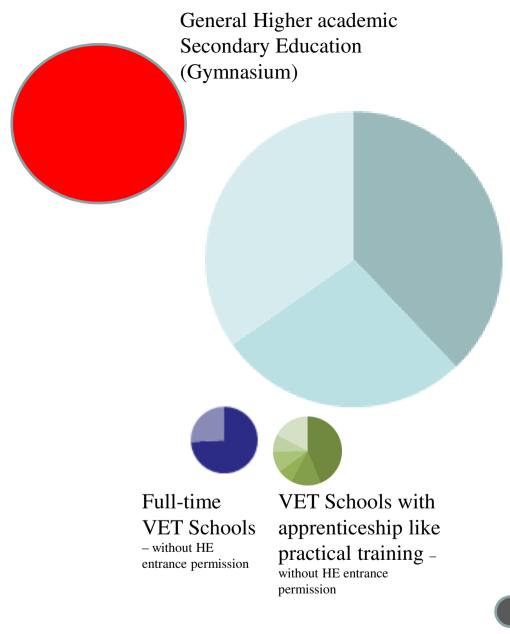
Full-time VET Schools (not including HE entrance permission)











# (2) 15-19 year old in Sovenia (2008)

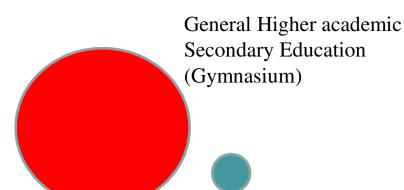
Full-time VET (mainly technical)
Colleges
(including HE entrance permission)

Employed+not in training

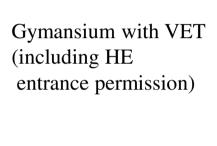
NEET

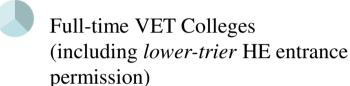


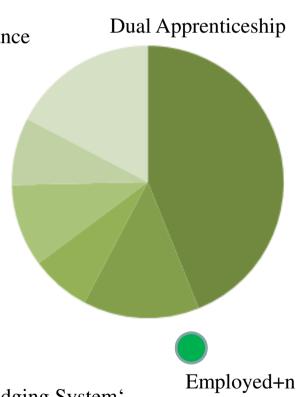




# (2) 15-19 year old in Germany (2008)









Full-time VET Schools without HE entrance permission



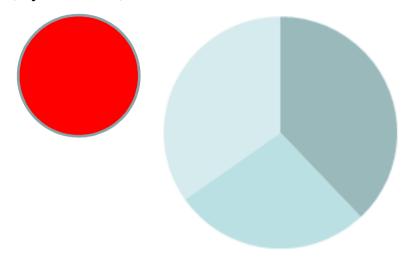
,Bridging System'

Employed+not in training





General Higher academic Secondary Education (Gymnasium)

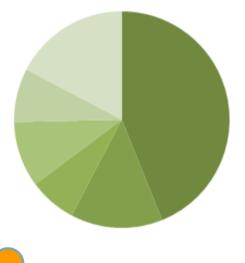


(2) 15-19 year old in Austria (2008)

Full-time VET Colleges (including HE entrance permission)

Employed+not in training

Dual Apprenticeship



Workshop based Dual VET



without HE entrance permission

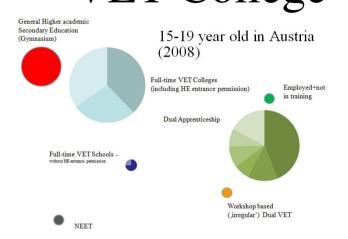


**NEET** 





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#### (2) 'Zoom in' – One technical Dual VET

programme

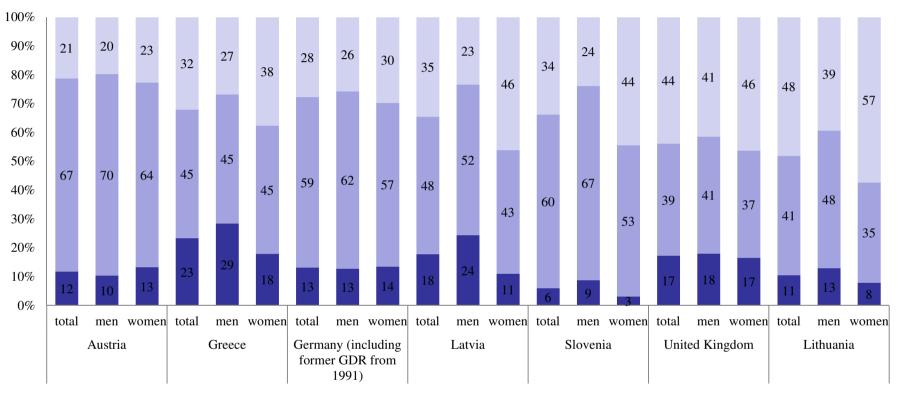
€-N 58<sup>C</sup>R-58NL 1/3-3/8 1/3<sup>C</sup>R5/8 C<sub>P</sub>5/<sub>8</sub>H<sub>T</sub>C<sub>P</sub>5/<sub>8</sub>L<sub>F</sub>5/<sub>8</sub>-N<sub>1</sub> 1/<sub>3</sub>N<sub>1</sub> € **6** 5/<sub>8</sub> 7/<sub>8</sub>1C<sub>P</sub> N<sub>1</sub> ®5/<sub>8</sub> N<sub>1</sub> R<sub>S</sub>H<sub>T</sub>5/<sub>8</sub> 17/<sub>8</sub>  $^{H_{T}}\Box_{R}^{1} @^{\Box}_{R} ^{1} / _{3} N^{\underline{o}} N^{\underline{o}} / _{8} \underline{c} \ \ ^{\underline{o}}^{1} + 5 / _{8} \underline{G}^{5} / _{8} \Box_{R} \underline{c} \ \ ^{1} / _{3} \Box_{R} ^{5} / _{8} \ \ ^{-1} N_{\underline{o}}^{1} + 1 / _{3} \Box_{R} ^{5} / _{8} \ \ \ ^{-1} N_{\underline{o}}^{1} + 1 / _{3} \Box_{R} ^{5} / _{8} \ \ ^{-1} N_{\underline{o}}^{1} + 1 / _{3} \Box_{R} ^{5} / _{8} \ \ ^{-1} N_{\underline{o}}^{1} + 1 / _{3} \Box_{R} ^{5} / _{8} \ \ ^{-1} N_{\underline{o}}^{1} + 1 / _{3} \Box_{R} ^{5} / _{8} \ \ ^{-1} N_{\underline{o}}^{1} + 1 / _{3} \Box_{R} ^$ L<sub>F</sub>@1₩€\_-@ N @5% H<sub>T</sub>1/<sub>3</sub>L<sub>R</sub>N €1%€H<sub>T</sub>1/<sub>3</sub>-N L<sub>F</sub> 17% N @5% **17/2** N 0 € L N Rs H<sub>T</sub> 5/8<sup>3</sup>/<sub>4</sub> ffi<sup>H</sup>T NL1 0aa HT5/8 R 1/85/8-NL  $N^{21/3}\%0^{5/8}$ £ 1/4¢  $_{+}$  17/8H<sub>T</sub>1/<sub>3</sub>C<sub>R</sub>5/<sub>8</sub>−N L<sub>F</sub> ₩€N ® 1/<sub>3</sub>N %05/81/3<sup>L</sup>FN<sub>L</sub> ●1/3<sup>N</sup>L<sup>V</sup>T<sup>E</sup>R1/3£ 1/2<sup>Q</sup> + ₩€N ® Nº€®<sup>C</sup>R1/3-N Nº1 CR5/8 N 01/3- 022 2/3110/1 LF 1/3 N ®1Nº5/8£ ¢ , 7/8<sup>C</sup>R¹Nº "+-%01₩5/8<sup>C</sup>R 1/8€<sup>C</sup>R1/80%05/8<sup>3</sup> © , 17/8 H<sub>T</sub>V<sub>T</sub>H<sub>T</sub>€%0L<sub>E</sub> €\_N 5%-3% N 1 General Higher academic Secondar Lensifich, 85/85/83/8 N5-119 year old in Austria (Gymnasium) <u>-5/8</u>FR<sup>V</sup>T7/8FFNº1/3<sup>N</sup>0<sup>N</sup>4<sup>E</sup>R1/3 f®€®®5/8 5/83/8 VT 1/81/3 Nill-time VFT College A (ilcluding HE entrancement ission) Dual Apprenticeship Full-time VET Schools

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#### (3) From vertical to horizontal stratification Educational attainment 25-34 year old - 2010



- First and second stage of tertiary education (levels 5 and 6)
- Upper secondary and post-secondary non-tertiary education (levels 3 and 4)
- Pre-primary, primary and lower secondary education (levels 0-2)

Source: Eurostat Dissemination database – own calculation

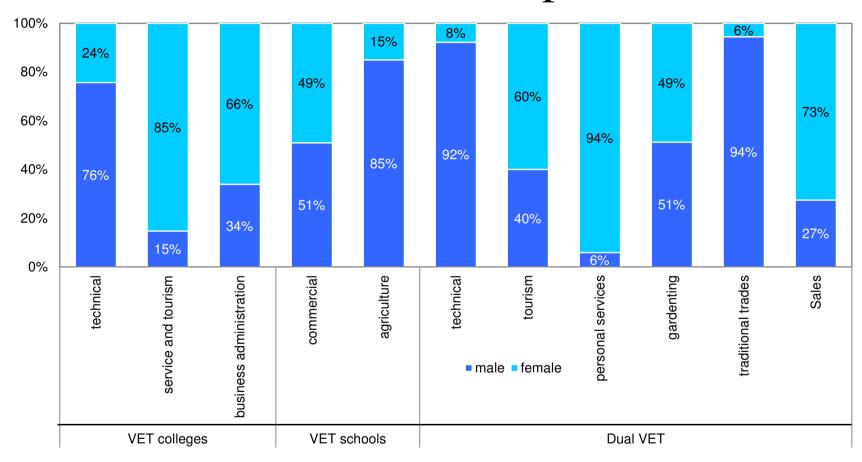


# (3) Symbolic Hierarchy of VET-Opportunities in Austria – the common representation

	School-based VET	Work-based VET
		(firm-based + part-time school)
Higher end (entrance permission higher education)	VET college	
Medium	VET school	
Lower end		Dual Apprenticeship
Source: Graf et. al. 2012, 153		Workshop-based apprenticeship training (for youth without access to dual apprenticeship)



### (3) Horizontal stratification within I-VET levels – The Austrian Example

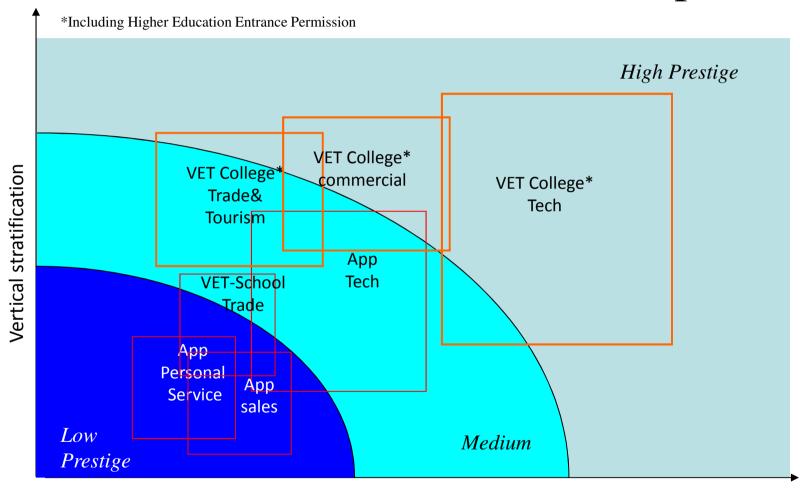


Source: 7EU-VET – Austrian Data Set, all age groups, modified; provisorial (3rd of June 2012)





### (3) Symbolic Hierarchy of VET-Opportunities in Austria – Towards a differentiated picture

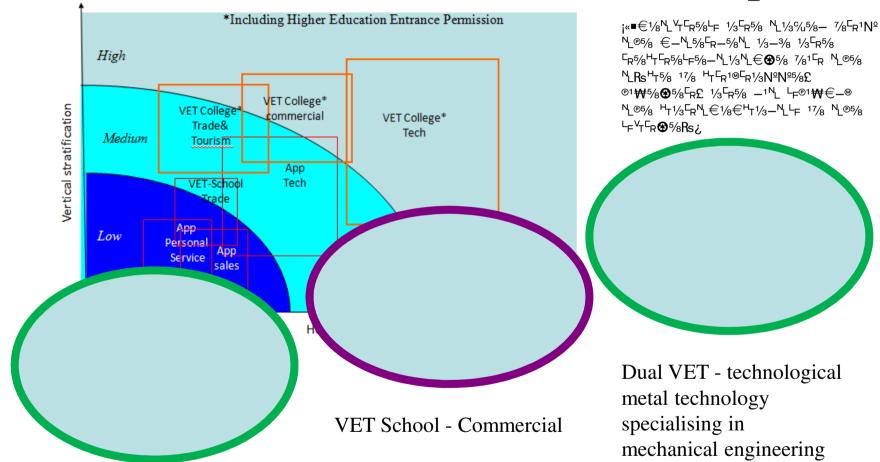


Horizontal stratification





#### (3) Symbolic Hierarchy of VET-Opportunitie in Austria – Towards a differentiated picture

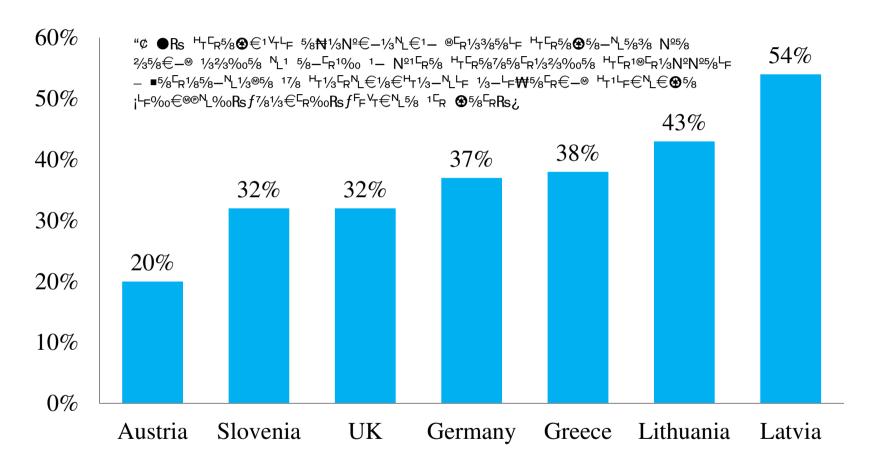


Dual VET – Personal Services: hairdresser





#### (3) Diversion – 'Previous grades too bad for more favorable options'

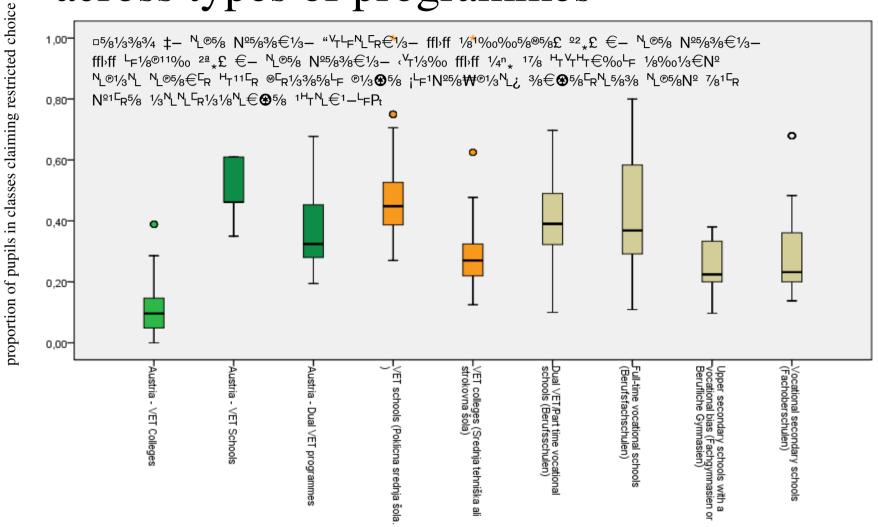


Source: 7EU-VET – European Data Set, 17-18 years old only, (3rd of June 2012)





#### (3) Distribution of 'diversion' in schools across types of programmes



Source: 7EU-VET – European Data Set, all age groups, (3rd of June 2012)



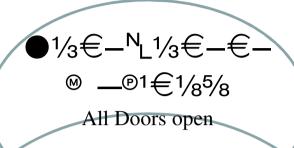


#### (4) Outlook – Addressing challenges of cross-country comparison

- Understanding the impact of educational expansion on the education-work link
   Measuring and understanding cross-country differences in the degree of vertical and horizontal stratification within VET
- \_\_Understanding the differences in 'institutional promises' within both vertical and horizontal stratification
- \_\_\_Understanding the range of institutional promises given by types of programmes



#### (4) Outlook



Stepping stone with safety net or space for incremental progress



#### Thank you very much for your attention!

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#### Literature

\_\_Graf, Lukas, Lassnigg, Lorenz & Powell, Justin J. W. (2012) Austrian Corporatism and Institutional Change in the Relationship between Apprenticeship Training and School-Based VET. in Busemeyer, Marius R. & Trampusch, Christine (Eds.) The Political Economy of Collective Skill Formation. Oxford, Oxford University Press, 150-178.

