

University of Applied Sciences and Arts Northwestern Switzerland School of Applied Psychology



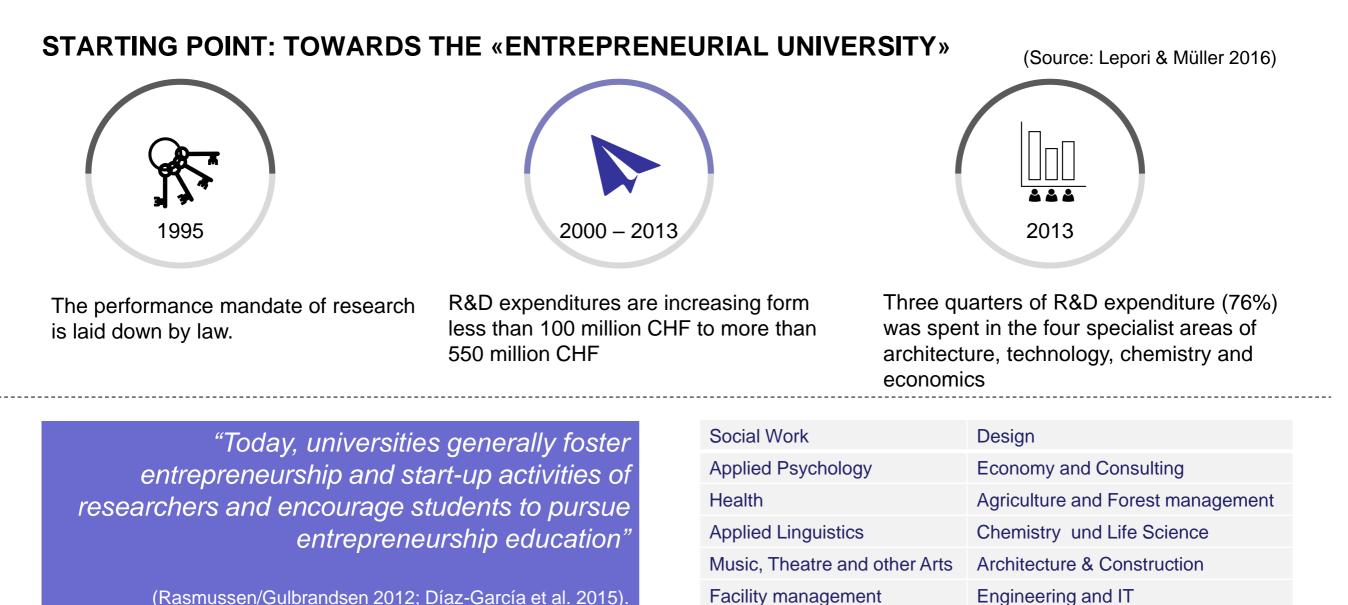
Fonds national suisse Schweizerischer Nationalfonds Fondo nazionale svizzero Swiss National Science Foundation member of swissuniversities

LOST IN TRANSLATION

Are Swiss Universities of Applied Sciences too entrepreneurial to promote science-based start-ups?



Pietro Morandi, Richard Bläse, Brigitte Liebig



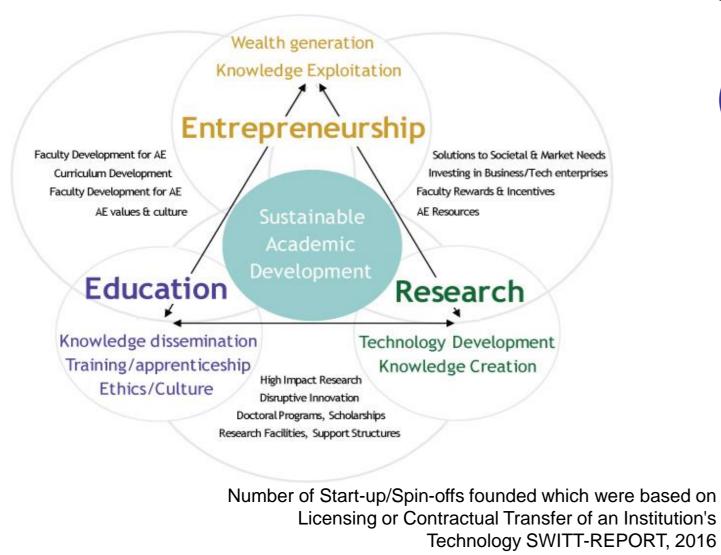
(Rasmussen/Gulbrandsen 2012; Díaz-García et al. 2015).

Interdisciplinary European Conference on Entrepreneurship Research, Innsbruck, Austria 2018

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Theoretical Perspective & Research Questions

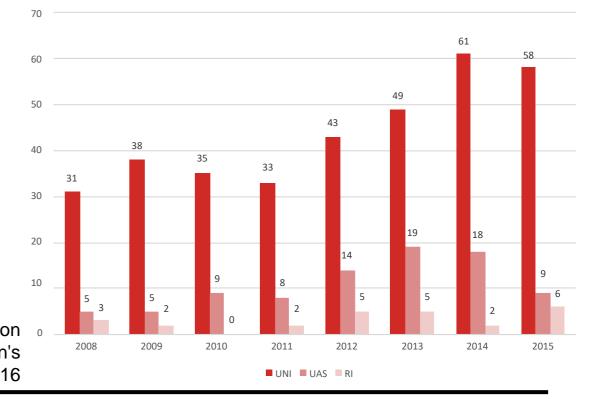
Innovation and entrepreneurship



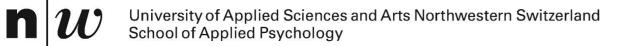
The 'Entrepreneurial University'



UAS show many characteristics of an "Entrepreneurial University" with one important exception: **The spin-off rate is very low!**



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Methods / Design



	Federal Statistical Office
0	Data from 2005-2016 on the financing of the R&D budget at the seven Swiss Universities of
	Applied Sciences
0	Financing of the R&D budget at the level of the sub-universities



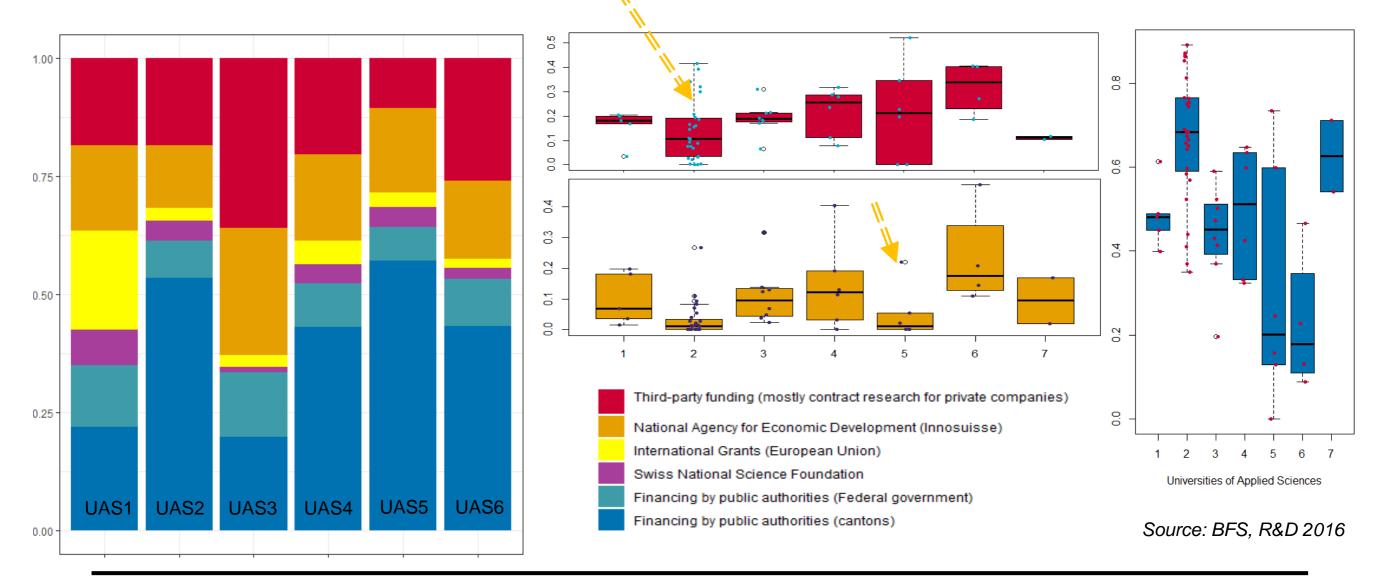


Qualitative data - interviews

- o Data from focus groups with 12 knowledge transfer officers from seven public UAS and the ETH Zürich,
- Six expert interviews based on a guideline with representatives of business incubators who either belong to a university of applied sciences or work closely with one

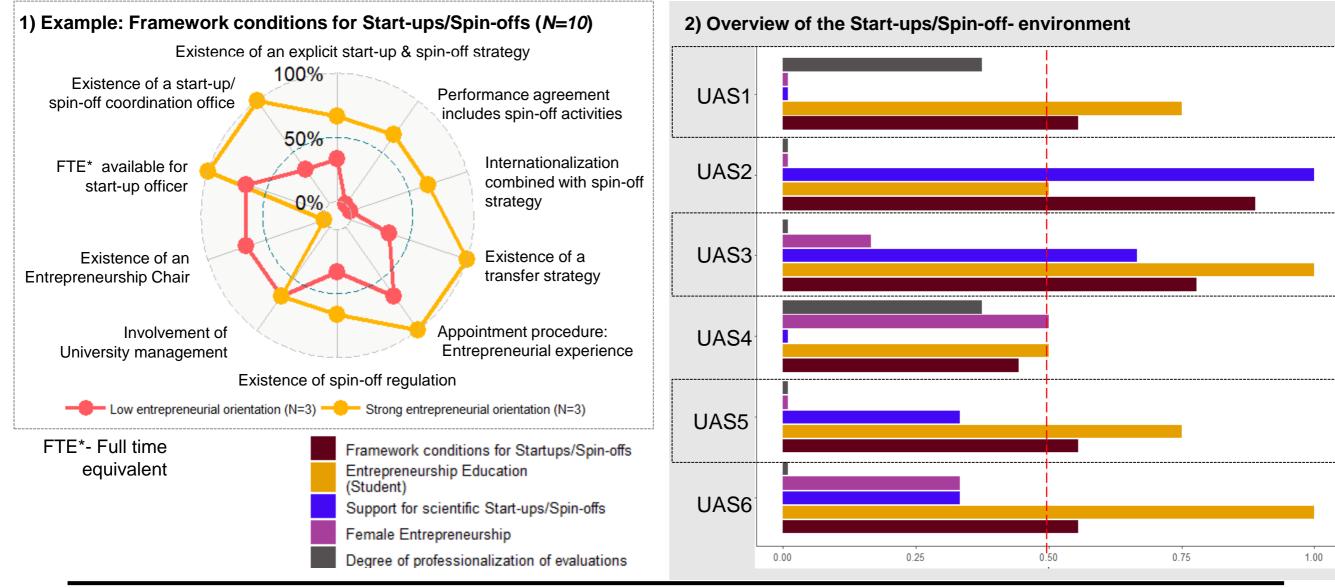
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Results I - Comparison of revenues on the R&D budget (2016)



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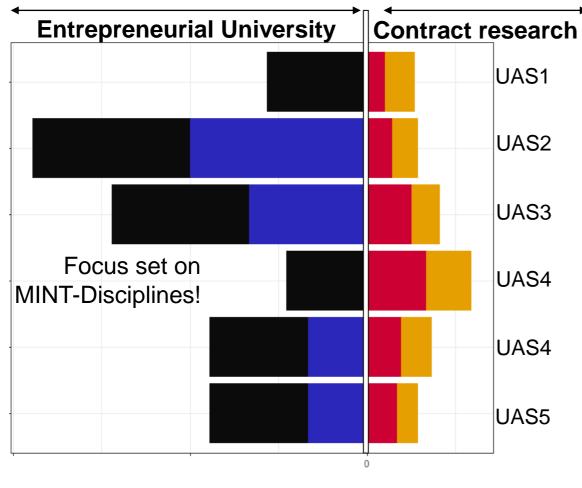
Results II – TTO Analysis



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Results III – Interviews



INTERVIEWS

Interviews with focus groups and guideline interviews with experts, showed the following results:

- Research institutes, which primarily act as extended workbenches for companies and carry out contract research, find it difficult and costly to generate IP for spin-offs and to support researchers who want to implement spin-off projects
- Those responsible for start-up support at universities of applied sciences therefore often focus their support activities, including entrepreneurship education, on student start-up projects – also for lack of alternatives

Framework conditions for Startups/Spin-offs Support for scientific Startups/Spin-offs National Agency for Economic Development (Innosuisse)

Third-party funding (mostly contract research for private companies)



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Conclusions

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In many respects, universities of applied sciences and their research institutions are certainly more entrepreneurially oriented than many universities and their research institutions.

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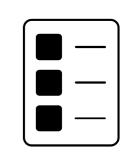
However, they can apparently hardly use this strength to initiate more research-based spin-off projects than universities.

The freedom and opportunity to take promising, albeit risky, paths of exploitation within knowledge transfer, therefore also seems to be a key element for the development of a sustainable entrepreneurial university.

FUTURE STEPS



FTO Problem awareness?



SURVEY

Intention to set up a business and funding conditions in the individual departments (Start-> October 2018)

> We need more, better, and more sensitive DATA on Department-Level.

Reference

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