



BOKU:BASE

ACTIVITIES SUPPORTING
ENTREPRENEURSHIP



UNIVERSITY OF NATURAL RESOURCES
AND LIFE SCIENCES, VIENNA

DEVELOPING THE STUDENT ENTREPRENEURSHIP MINDSET
THROUGH ENTREPRENEURIAL ENGAGEMENT WITHIN THE
CURRICULUM AND WITH EXTRA-CURRICULAR ACTIVITIES



ICA COLLOQUIUM
WARSAW, POLAND
APRIL 26TH - 28TH 2023



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*"I AM MORE INTERESTED IN THE FUTURE THAN IN THE PAST,
BECAUSE I INTEND TO LIVE IN IT."*

Albert Einstein (1879-1955)



Bundespräsident
Alexander Van der Bellen



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Veränderung ist gar nicht so einfach! Zuallererst verlangt sie eine klare Stoßrichtung – und dann auch noch den Mut und den nötigen Rückenwind zur erfolgreichen Umsetzung. Kein Wunder also, dass oft es beim Status Quo bleibt. Die Welt braucht aber ganz dringend Veränderung.

Genauer gesagt, sie braucht sowohl Visionäre als auch Macher, die so einen Wandel ankurbeln. Ich bin daher froh darüber, dass die BOKU:BASE diesen Visionären und Machern die nötigen Werkzeuge dafür in die Hand gibt. Sei es Hilfe bei der unternehmerischen Umsetzung einer Projektidee, die Anmeldung neuer Technologien oder mit der Unterstützung im Gründungsprozess. Ein unerwartetes Forschungsergebnis, eine ganz neu gedachte Technologie oder ein nachhaltiges Produkt, all das kann am Ende genau jener „Zünder“ für die Veränderung sein, die wir brauchen. Und damit auch der Kompass für die Zukunft, in die wir steuern.

Ich wünsche allen Involvierten viel Erfolg bei ihren Vorhaben – auf Ihren Ideen und mit Ihren Werkzeugen wird diese Zukunft gebaut werden.



A. Van der Bellen

„The world needs visionary people and makers for change.“

“BOKU:BASE gives them the required tools at hand.“

Alexander Van der Bellen,
Federal President of Austria

UNIPRENEURSHIP

ENTREPRENEURSHIP AND UNIVERSITIES



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Active shaping and implementation of expert knowledge as a necessity



Strategic Guidelines

- Entwicklungsplan
- Leistungsvereinbarung

Fostering an entrepreneurial mindset



- ✓ Development of entrepreneurial skills and competencies
- ✓ Targeted use of scientific findings
- ✓ Creation of adequate framework conditions and infrastructure



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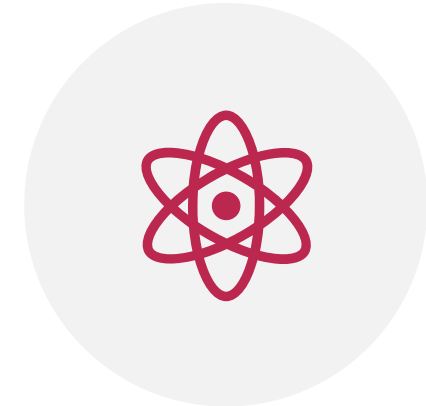
BOKU ACTIVITIES SUPPORTING ENTREPRENEURSHIP



**EDUCATION &
SUSTAINABLE DEVELOPMENT**



**RESEARCH &
INTELLECTUAL PROPERTY**



**LABS &
INFRASTRUCTURE**



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Michael Ambros

EDUCATION & SD

Support and facilitation for students along the process

Visibility and coordination in the field of education at BOKU

Development of educational offers and additional qualifications (e.g. certificates)

Networking, access to competitions and grants



Michaela Amstötter-Visotschnig

RESEARCH & IP

Accompanying researchers from the start-up idea to the maturity phase

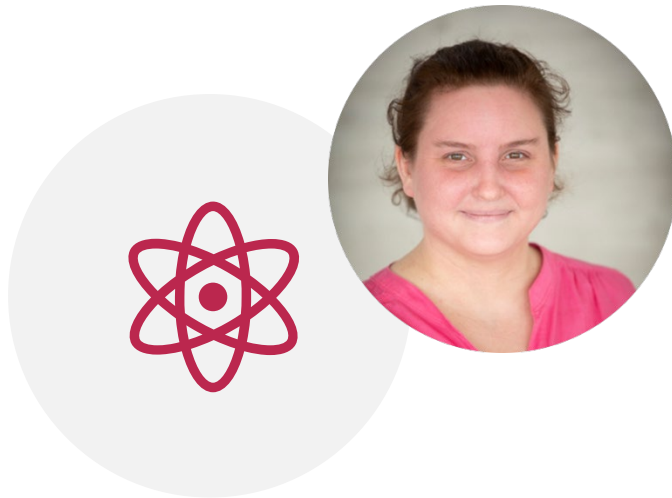
Advice and development of exploitation and IP strategies with / for spin-off/out (Contract drafting)

Networking with advisory and funding institutions, investors and Partners from business and society

Screening, advice and coaching for researchers and employees interested in starting a business



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Doris Schmidt

LABS & INFRASTRUCTURE

Support for spin-offs and start-ups in everyday business

Laboratories and premises
Further development of infrastructure

Commercial framework

Awareness Safety
(First aid, occupational safety)



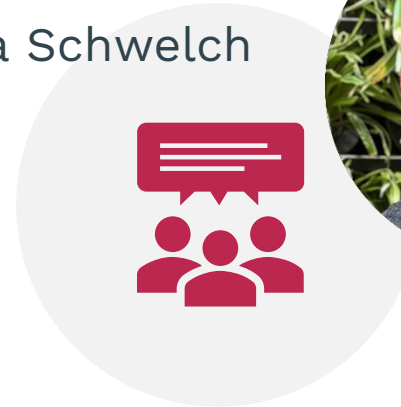
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Michael Ambros



Ronja Schwelch



Christian Malecki

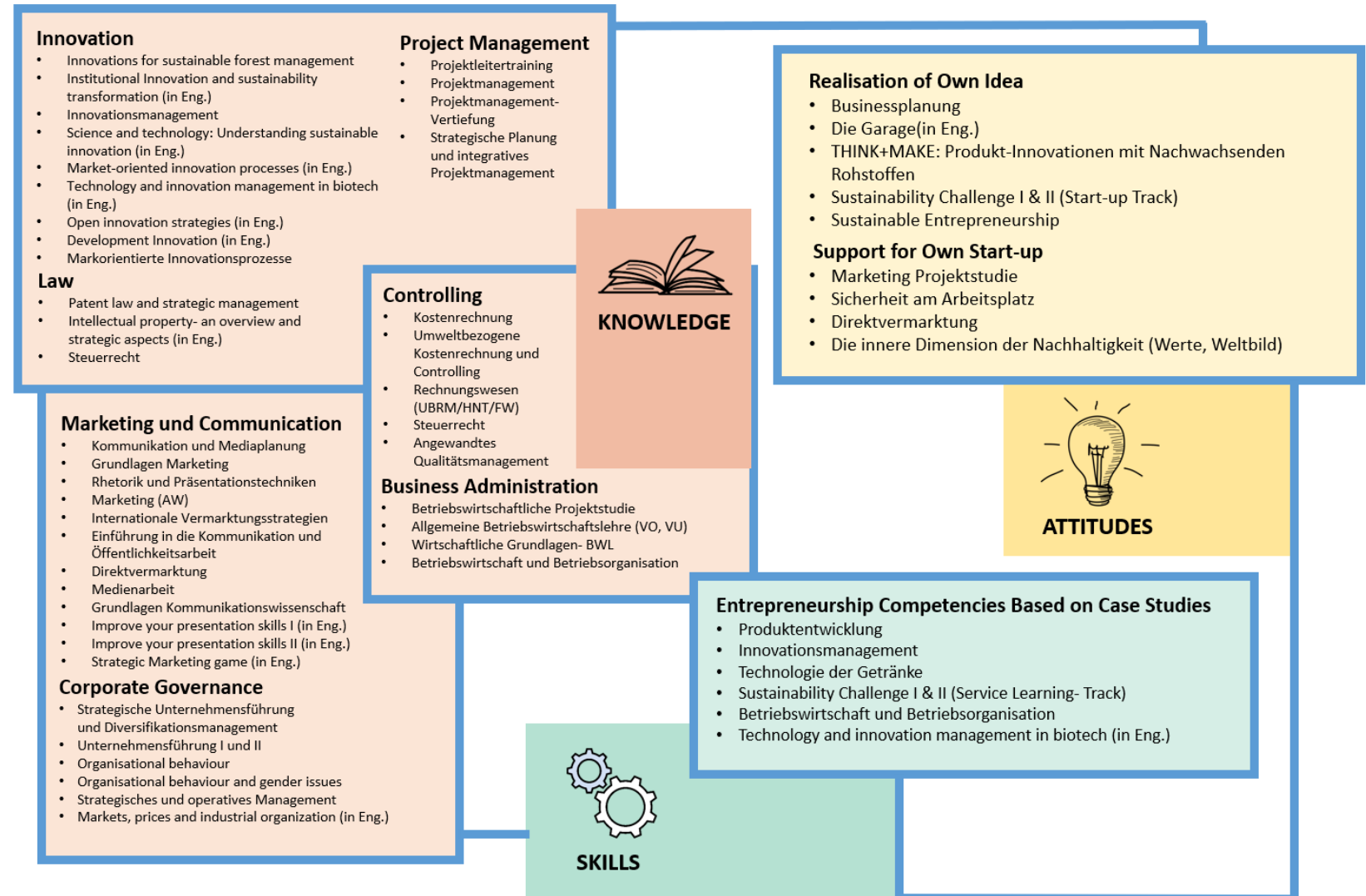
ENTREPRENEURIAL EDUCATION & SUSTAINABLE DEVELOPMENT

Support and facilitation for students



EDUCATIONAL OFFER – COURSES

- All levels:
 - Bachelor
 - Master
 - PhD / Dr
- Languages:
 - German
 - English





EDUCATIONAL APPROACH

- Knowledge

- the basic “toolbox” to found and manage a company or project

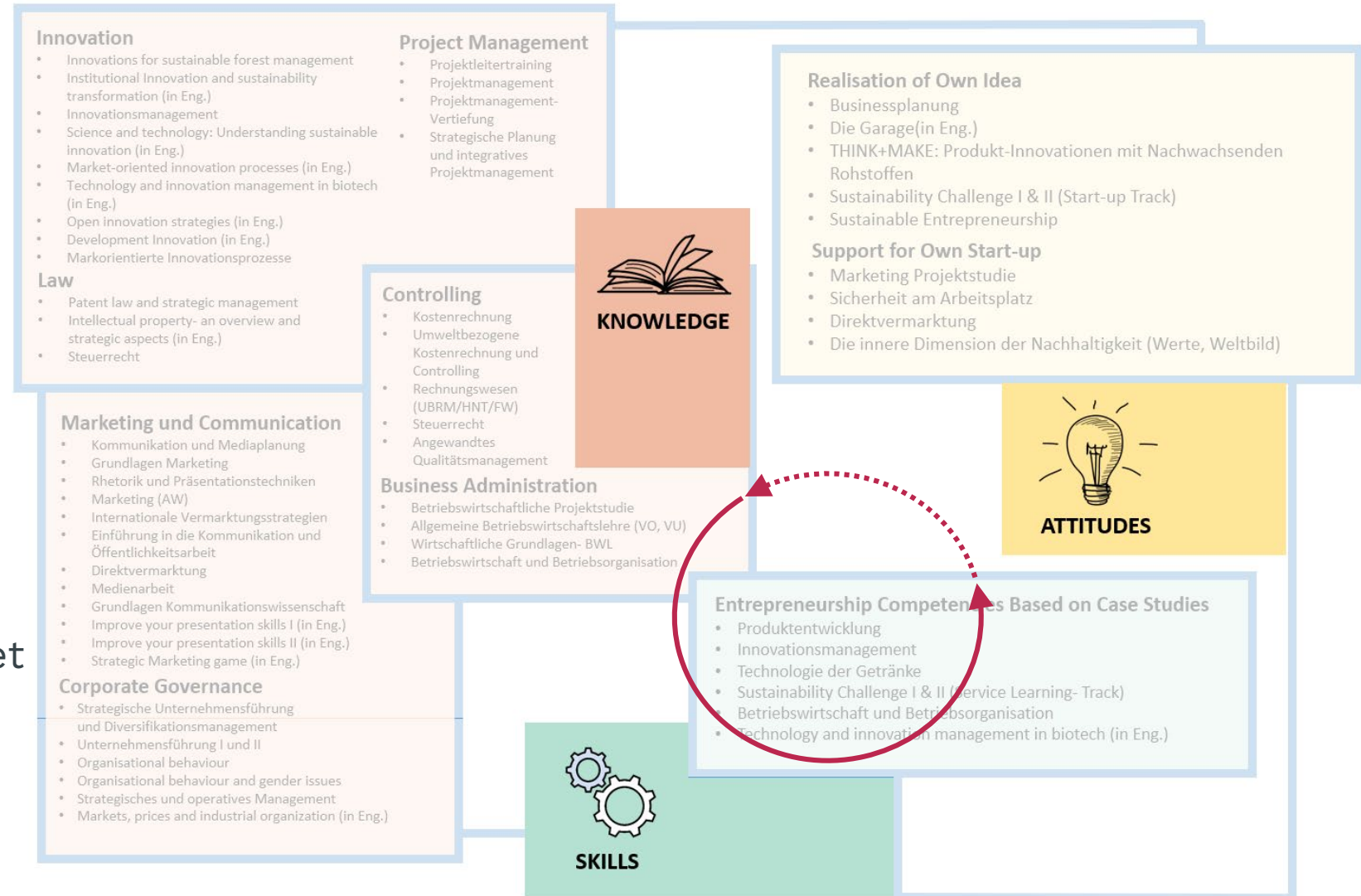
- Skills

- how to apply the tools

- Attitudes

- entrepreneurial mindset

- motivation & sustainability drive



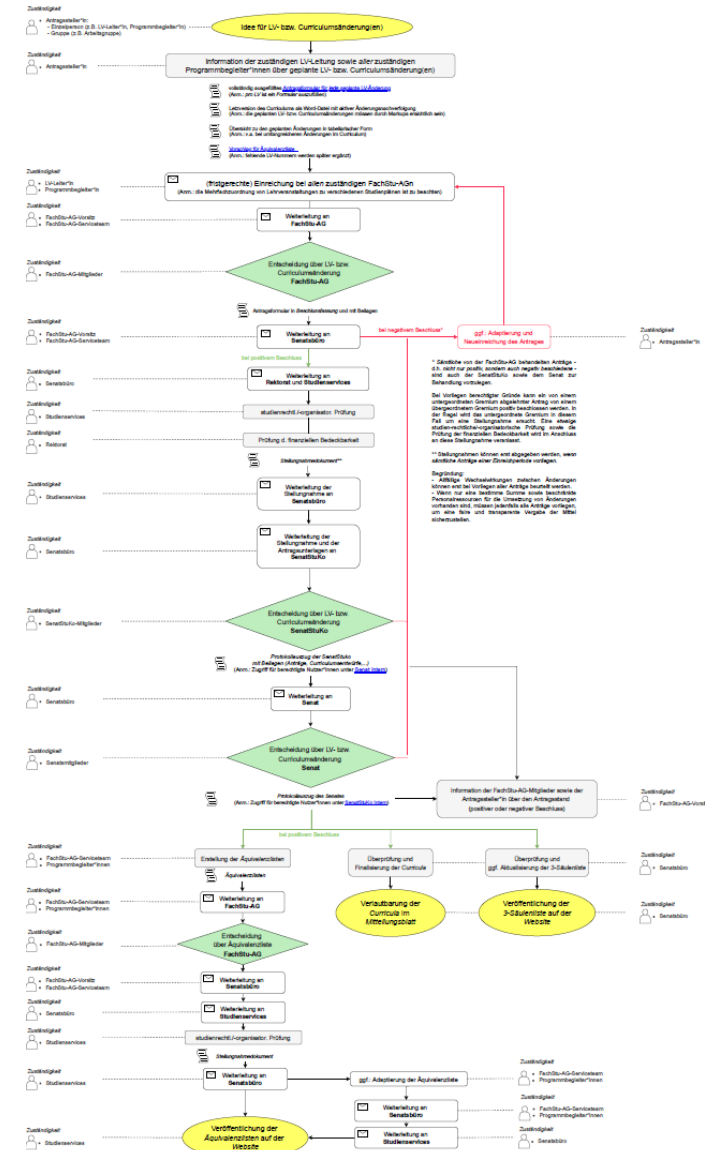


CURRICULAR INTEGRATION ENTREPRENEURSHIP AS TRANSVERSAL THEME

- Bachelor
 - knowledge and skills
 - case studies, simulation / gamification
- Master
 - entrepreneurial mindset and personality
 - motivation & sustainability drive
 - own idea, competitive environment
- Doctorate/PhD
 - intellectual property & patenting
 - research-based, science to market

certificate for 12 ECTS flagged „entrepreneurship“ [micro-credential]

elective or compulsory elective 6 ECTS module / courses





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EDUCATION ACTIVITY EXAMPLES

- Inter-university courses:
 - Sustainability Challenge
 - Start-up Track
 - Service-Learning Track

- Events
 - Joint Forces
 - Start-up Day, Workshops
 - Youth Entrepreneurship Week

SEI DIE ERBSE
UNTER DER PRINZESSIN.



#BePartOfTheChange
Bewirb Dich jetzt bis zum 07.07.2021!
www.SustainabilityChallenge.at

JOINT FORCES #40
Building an entrepreneurial community across universities

01.06.2023
6pm

TBA
Guest Speaker

BOKU Vienna
Aula Muthgasse
Muthgasse 18
1190 Vienna

hosted by
BOKU:BASE BOKU

part of Vienna UP23 WU | ENTREPRENEURSHIP CENTER TU BAYEN INNOVATION INCUBATION CENTER

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Start-up Tag
Ideas for future

Wann? 5. Oktober 2022 ab 15:00 Uhr
Wo? Türkenschanze



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STUDENT START-UPS



Hör' mal wer die Welt verändert



- High diversity of start-up teams:

- food
- (bio)tech
- services
- climate
- ...

- Founding company or prototyping or test run



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SUCCESS STORIES

“Hat and Stem” – Hut & Stiel

- GmbH (Ltd) founded in 2015
- production and distribution of mushrooms cultivated on coffee grounds from Viennese cafés & canteens
- product and service offer (workshops)
- circular business model, b2b and b2c
- high-protein food at very low carbon footprint





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SUCCESS STORIES

Spin-off/out Agrobiogel

- biohydrogel – saving irrigation water and protecting crops from droughts.
- it took about 3 years from the invention to the spin-off
- was selected as the best Austrian spin-off in 2021
- has received several national and international grants

<https://youtu.be/RQ2KHR20FnM>

agrobiogelTM





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EPICUR ERASMUS+ UNIVERSITY



EPiCUR
EUROPEAN UNIVERSITY

European Partnership
for an Innovative Campus
Unifying Regions

[...] building bridges
between the local
societies and
entrepreneurial
ecosystems [...]

<https://epicur.education/>



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EPICUR ENTREPRENEURIAL SUMMER SCHOOL



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- 30 students
- 2nd cohort
- 1 week in presence
- outstanding feedback
- insightful posts on social media from participants



Elisabeth Christina van Vloten • 1st

BSc student Cognition, Language and Communication

6mo •



I had the most amazing week during the EPICUR University Alliance Summer School in Thessaloniki, at Aristotle University of Thessaloniki (AUTH)! During the week we worked on innovative business ideas that originated from technological p ...see more



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EPICUR ENTREPRENEURIAL SUMMER SCHOOL

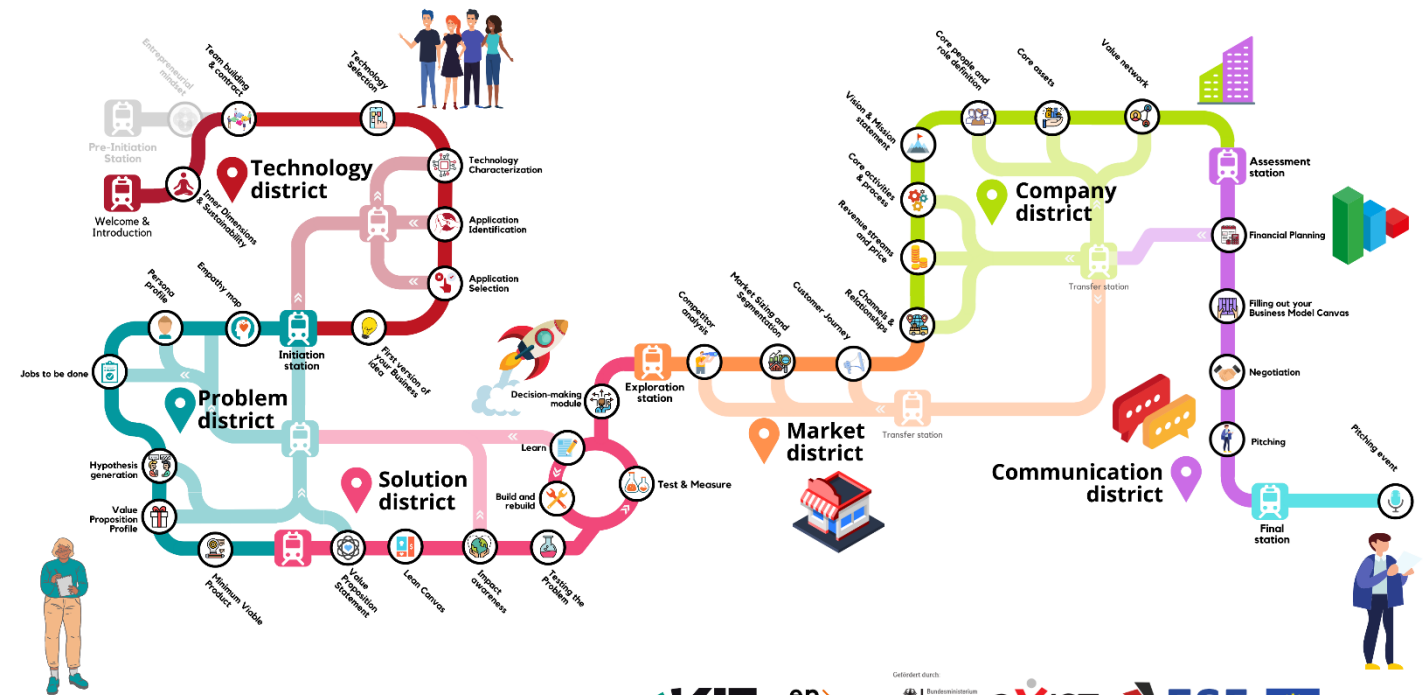


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- knowledge, skills and attitude
- tech-offers from KIT and BOKU
- personal development
- formal and informal learning settings

EPICUR2022 Entrepreneurial Lab-Summer School Edition



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EPICUR

ENTREPRENEURIAL SUMMER SCHOOL



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	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday		
	04.09.2022	05.09.2022	06.09.2022	07.09.2022	08.09.2022	09.09.2022	10.09.2022	11.09.2022		
Topic	Arrival	Introduction & Technology	Ideation & Selection	Final Selection & Customer Value	Impact & Business Model	Pitch preparation	Departure	Departure		
Education and Training	09:00:00	Arrival	Welcome & Introduction	People & Planet (Instruction + activity)	Present your most promising ideas (Peer Feedback)	Impact Assessment & Business Modeling (Instruction + activity)	Pitch preparation (activity)	Time for individual activities / Departure	Time for individual activities / Departure	
	10:00:00		Inner dimensions & Sustainability (Input + activity)	Technology Application Identification (Instruction + activity)	Feedback & Reflection session (activity)					
	11:00:00		Teambuilding (Instruction + activity)		Value Proposition (Input + activity)					
	12:00:00		Lunchbreak	Lunchbreak	Lunchbreak	Lunchbreak	Lunchbreak			
	13:00:00		14:00:00	Introduction of Technologies (Input)	Technology Application Selection (Instruction + activity)	Jobs to be done (Input + activity)	Business Modeling (activity)			Final Pitch Event
	15:00:00		16:00:00	Technology Selection & Characterization (Instruction + activity)		Excursion (e.g. start-up visit)	Pitching techniques (input)			Wrap Up
	17:00:00		Welcome Dinner	Networking & ideation Evening event with mentors	Pitch preparation (activity)		Break			
	18:00:00						Farewell Dinner			
	Cultural activities		19:00:00							



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FOEBE ERASMUS+ PROJECT

FOstering Entrepreneurship for the BioEconomy

[...] equipping bioeconomy students with sustainable entrepreneurship skills to speed up the European expansion of the bioeconomy sector [...]



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**european
bioeconomy
university**





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FOEBE SUMMER SCHOOL

- online modules and week in presence
- 2022 Bologna,
June 2023 Warsaw

1. Introduction to the bioeconomy
2. Accelerated entrepreneurship
3. Design thinking, creativity and innovative products
4. Knowledge management
5. Business management and finance
6. Leadership and execution
7. Marketing
8. Digitalization and the bioeconomy



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FOEBE ONLINE COURSE

CONTENTS 

- Chapter 1: Documentation, confidentiality: why, and how?
- Chapter 2: Patent protection basics
- Chapter 3: Online class + National patent office task
- Chapter 4: European patent office
- Chapter 5: Online class
- Bonus chapter
- Evaluation

 Course Dashboard

Chapter 2: Patent protection basics

FOEBE | Patent protection basics

1 hour

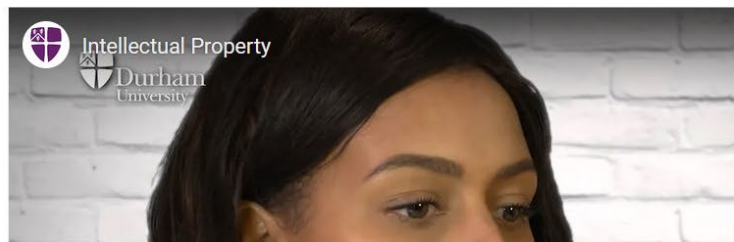
Learn more about patent protection basics with this **interactive video**, website to follow the **IP Tutor course**.

Once finished, please upload your **completion certificate** below.

The using of the teaching video from Durham University as well as to in Tutor course of the UK Patent Office are based on the idea by Karin Hc


Intellectual property video

Watch this interactive introduction video on intellectual property - it will help you understand the basics of IP in our online class.




How long is the maximum patent protection duration?

- Up to 10 years
- It depends on the country
- Up to 20 years
- Up to 25 years

 Vérifier



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H:P

IP Tutor course

Source: Intellectual Property Office, UK

This online training is about the basics of IP, with case study videos and exercises.

Duration of training: 40-50 min



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GET IN TOUCH



base.boku.ac.at

