



STARTUP SERVICE

TH Wildau

Startup service at the Technical University of Applied Sciences Wildau

Dana Mietzner



FORSCHUNGSGRUPPE
INNOVATIONS- UND REGIONALFORSCHUNG
RESEARCH GROUP FOR INNOVATION AND REGIONAL DEVELOPMENT



ViNN:Lab



Where is TH Wildau located?

Technical University of Applied Sciences Wildau





courses of the TH Wildau

courses of the TH Wildau

Business, computing & law

- Business Administration
- Business Computing
- Business and Law
- Business Management
- European Management
- Library Computer Sciences
- Public Administration in Brandenburg



Engineering and Natural Sciences

- Automation Technology
- Aviation Engineering / Aviation Logistics
- Biosystems Technology / Bioinformatics
- Industrial Engineering
- Logistics
- Mechanical Engineering
- Photonics
- Physical Technologies and Energy Systems
- Telematics
- Transportation System Engineering



STARTUP SERVICE
TH Wildau

startup service offering & service process

startup service offering



Individual support & advice

All people with interests in setting up a business are getting a coach as a permanent contact aside. Do not hesitate to discuss all questions and problems with your personal coaching expert and develop your lean business model to the next stage.



Coaching

We will be with you to support your founding idea with regular, personalized and reflective coaching in groups as well as in individual coaching where you get the opportunity to clarify all your sensitive questions.



Matchings

You need reinforcements for your team structure or are you looking for contacts to experts and stakeholders? We are looking forward to help you out.



Events

Regular networking events allow all participants to interact with other founders and coaching experts.



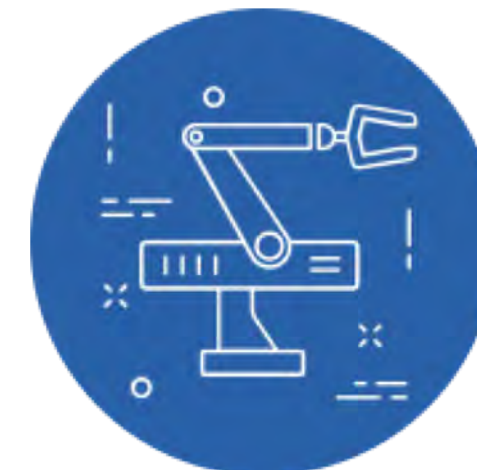
Network

As a startup enthusiast you will get access to our network with a wide range of contacts including industry experts, companies, government agencies and other stakeholders like a citizen panel for user tests and prototype testing.



Mentoring

Through our network of experts, we are always trying to inspire mentors for your business idea.



Prototyping

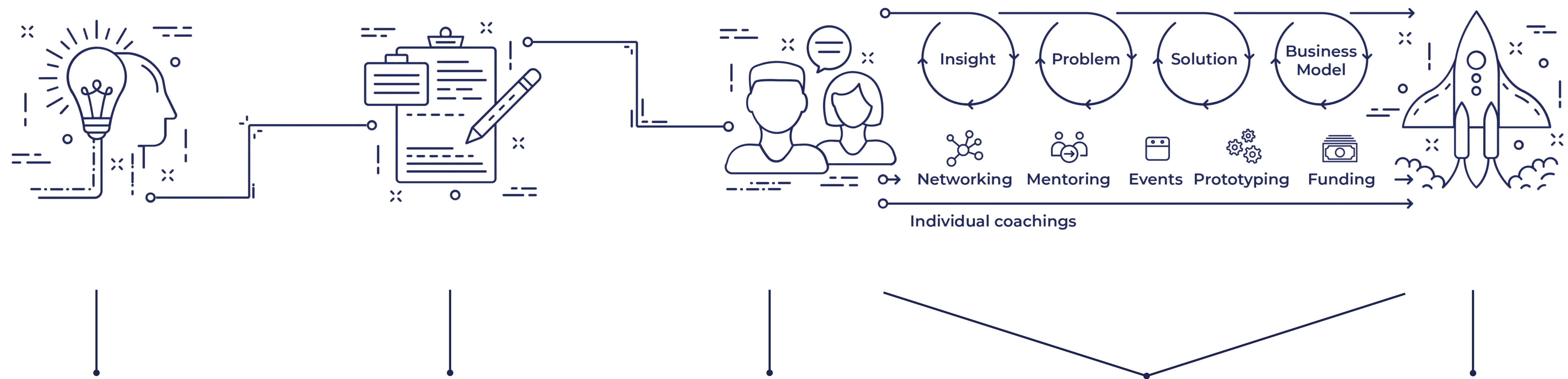
Prototyping allows you to test your product directly and at a early stage of development on your targeted audience. Due to our close cooperation with the ViNN:Lab you will get access to professional tools e.g. 3D printers, laser cutters, CNC milling and innovative workshops.



Funding & Scholarships

The startup service of the Technical University of Applied Sciences supports you in questions of funding through scholarships e.g. the EXIST founder scholarship. We also support you with applications, to contact potential financing partners or the creation of a pitch deck.

startup service process



1. You got an idea

and the desire to realise your project in reality but you don't know how? Or are you interested in starting a business?

2. We offer detailed information

around the topics self-employment and setting up a business on our online and offline channels.

3. Personal initial advices

are important to us. Together with you we develop step by step your individual business strategy by using the proven lean startup method.

4. Continuous support

where you can rely on a wide range of experts and coaching. If you need something else, we always try to make things happen.

5. Get Started

by founding your own company, with own customers and products.



TH Wildau ViNN:Lab, infrastructure, laboratory equipment, method portfolio

TH Wildau ViNN:Lab



ViNN:Lab infrastructure

FabLab Wildau

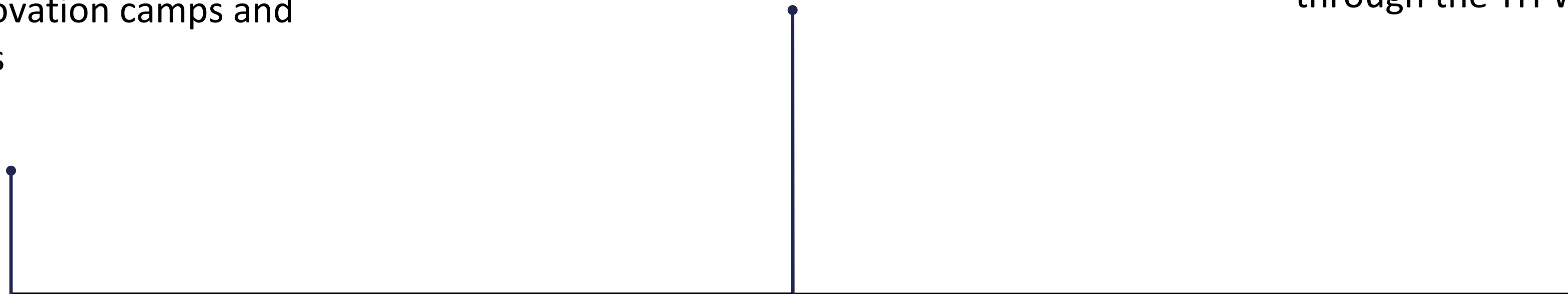
- orientation → MIT's FabLab charter with a global network of 550+ labs
- equipment use at cost price
- lab access for all social groups ones a week (open lab day)
- cooperation with schools and civil society groups

Education & Research

- lab integration into teaching activities
- rapid prototyping as a part of university and highschool student events (KiVi:Lab)
- conceptual aspect of third-party funded projects
- workshops, innovation camps and summer schools



- cooperation
- co-working space for founders
- access to the lab infrastructure to support business ideas, product development and prototyping
- startup workshops
- consulting and mentoring the users through the TH Wildau startup service



laboratory equipment

3D-printing equipment

- BCN3D Sigma & Sigmax (FDM)
- BigRep One (FDM, ca. 1 m³)
- BigRep Studio (FDM)
- Formlabs Form 2 (SLA)
- MakerBot 2X / 5 Gen. (FDM)
- Markforged Mark Two (FDM)
- German RepRap X400 (FDM)
- Sintratec S1 (SLS)

Rapid prototyping

- lasercutter ZING 6030 (40 Watt, CO2)
- inventables CARVEY table milling
- 3D-Scanner Artec EVA & Spider
- 3D-Scanner DAVID SLS-3
- cutting plotter Roland CAMM-1
- t-shirt heating press
- soldering station, electrical components
- 10 workstations, 2 Wacom Boards
- A0 printing plotter, A2-laminato



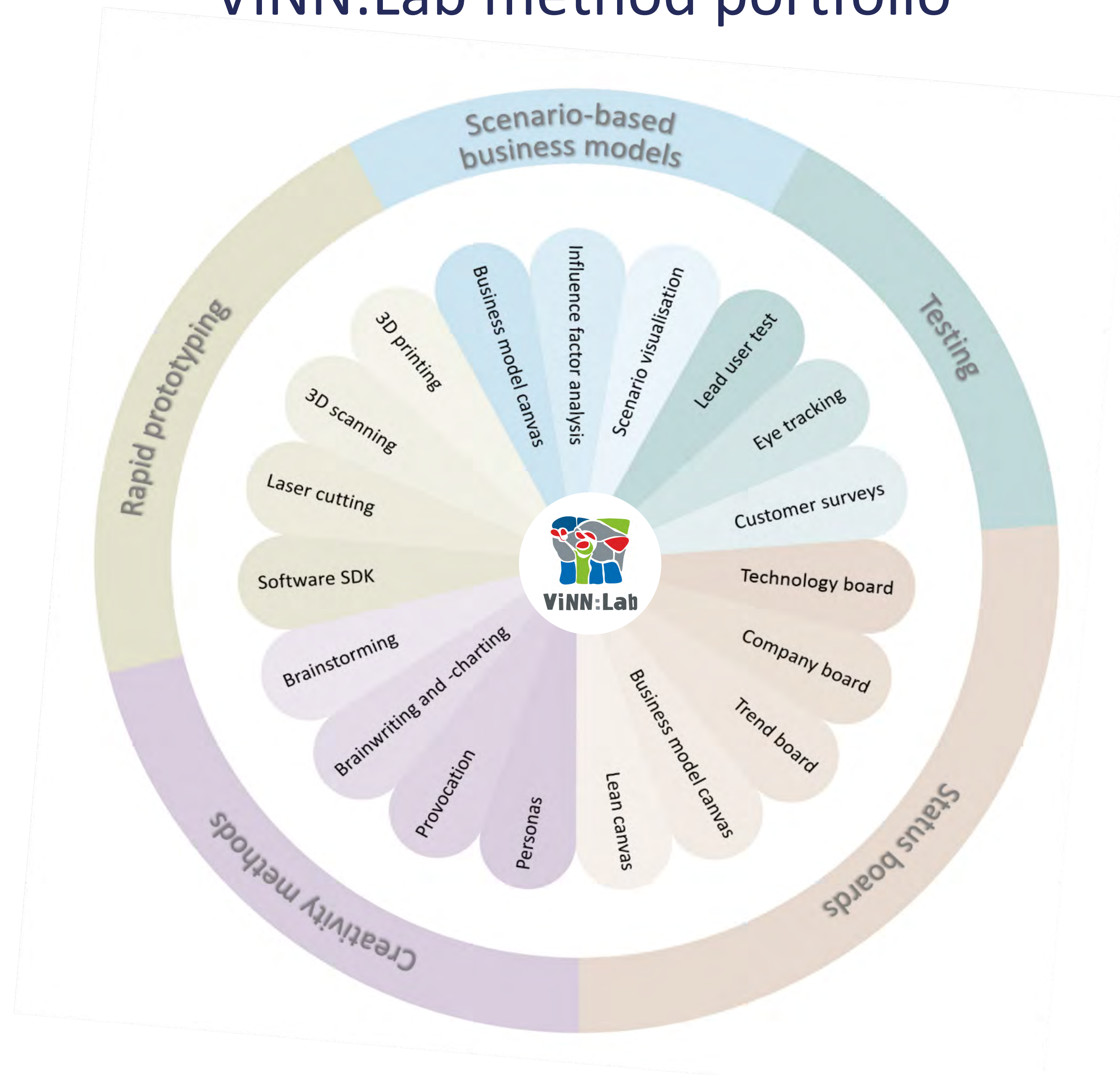
Materials

- different variants of acrylic glass (1-8 mm)
- plywood (1-3 mm), MDF (1-5), cardboard
- adhesive and other foils (cutters)
- sponge rubber, laser rubber, laminate
- ABS / PLA filaments & special filaments

Software

- Adobe CS6
- Arduino IDE
- Autodesk Suite (Inventor) – in Arbeit
- Blender
- Inkscape
- Makerbot Desktop
- Microsoft Office 2016
- Roland Cutstudio
- Simplify3D
- SolidWorks 2016

ViNN:Lab method portfolio





potential founders

target groups of potential founders



students



graduates



**academic
employees**



alumni

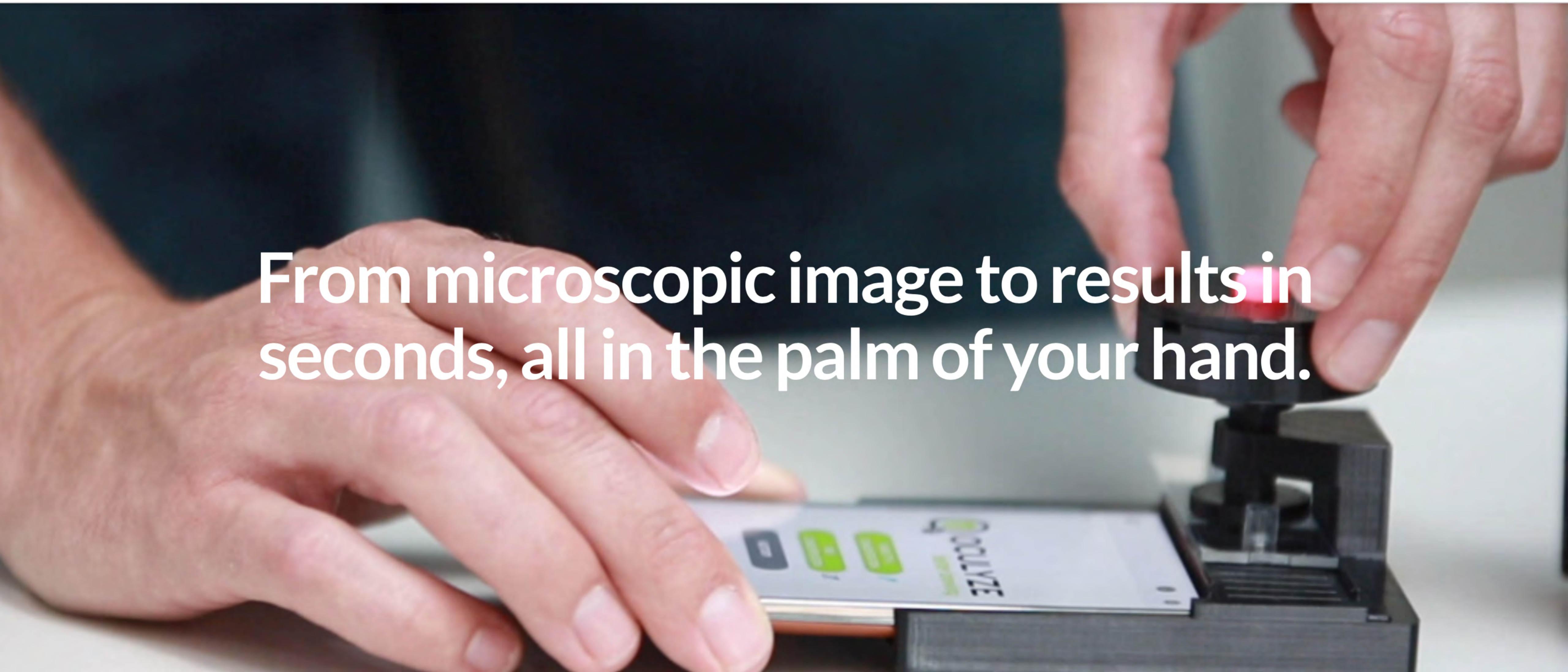


TH Wildau startups

TH Wildau startup „Oculus“

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From microscopic image to results in seconds, all in the palm of your hand.



TH Wildau startup „emoree“



Gratis Schnupper-Kurs!
Jeden Mittwoch 20:00 Uhr

Mittwoch
20:00

Jetzt anmelden!

START

LERNERFOLGE

FÜR LEHRKRÄFTE

TECHNOLOGIE

REGISTRIEREN

ANMELDEN

Wenig Zeit und jede Menge Lesestoff?

Einfach besser mehr lesen

- ✓ Für Schüler + Studenten und Erwachsene
- ✓ Texte schneller verstehen und merken
- ✓ Automatische Auswertung der Ergebnisse
- ✓ Ans Lernziel angepasste Leseübungen
- ✓ [Jetzt Lernerfolge sehen](#)

Wie gut kannst du lesen?

Ca. 70% der Deutschen haben ein Lesetempo von 220 Wörtern pro Minute. Finde mit dem Lesetest heraus, wie gut du lesen kannst.

LESEGESCHWINDIGKEIT TESTEN >

So einfach geht's

Nur 3 Schritte zu deiner live-geführten Leseförderung!

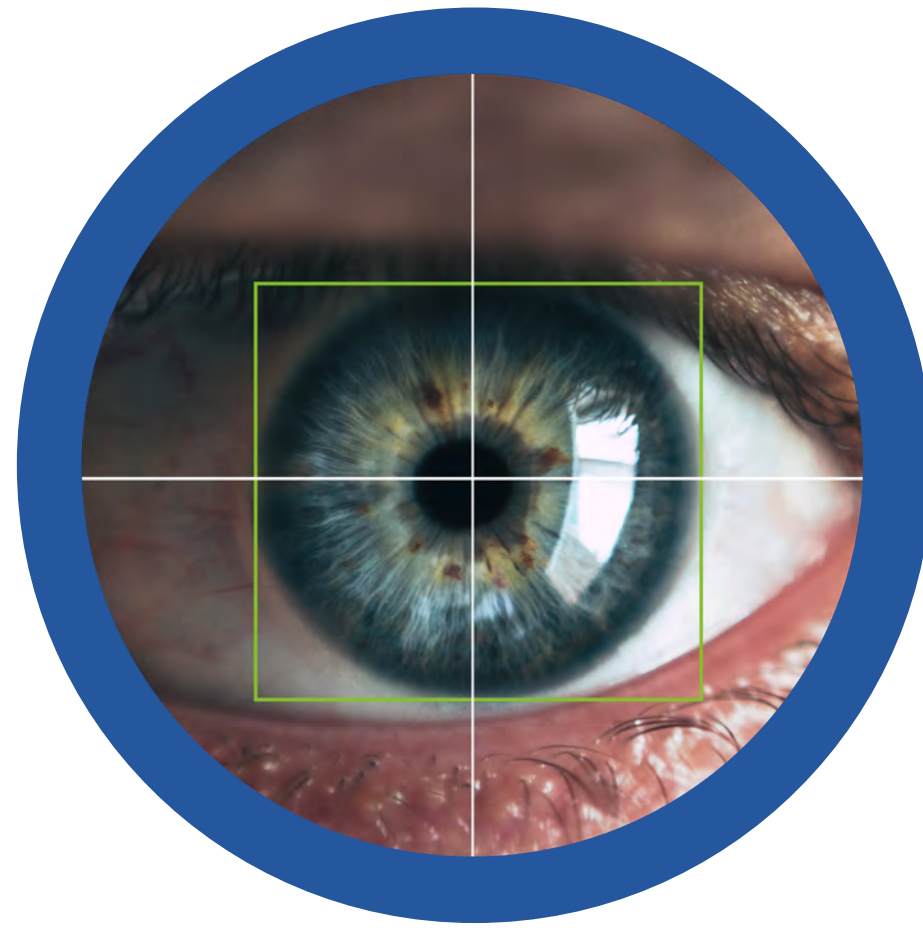


Hast du Fragen? Wir antworten!

Warum schnell lesen können?

Die meisten Menschen haben noch ein großes Potenzial ihre Lesefähigkeit zu verbessern. Um in Schule, Studium oder Beruf umfangreiche Texte schneller und besser aufzunehmen und genauer zu verstehen, bietet sich in allen Lebenssituationen unser Weiterbildungsangebot an.

ViNN:Lab eye tracking experiments



TH Wildau startup „HumanX“

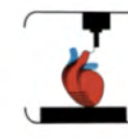


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Experts in medical modeling



Virtual 3D anatomical model



Real model, printed through
additive manufacturing
procedure

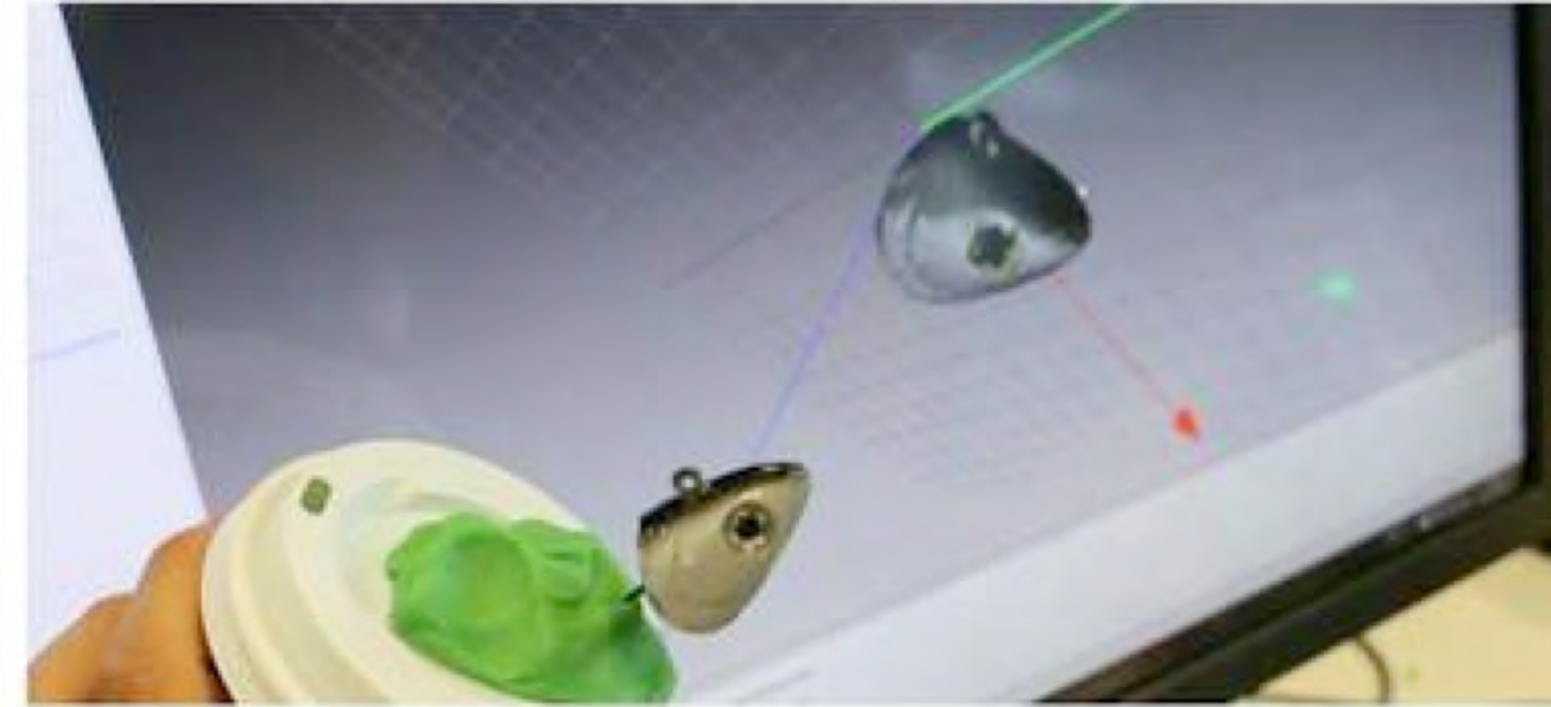


Real model, integrated in
patient replica

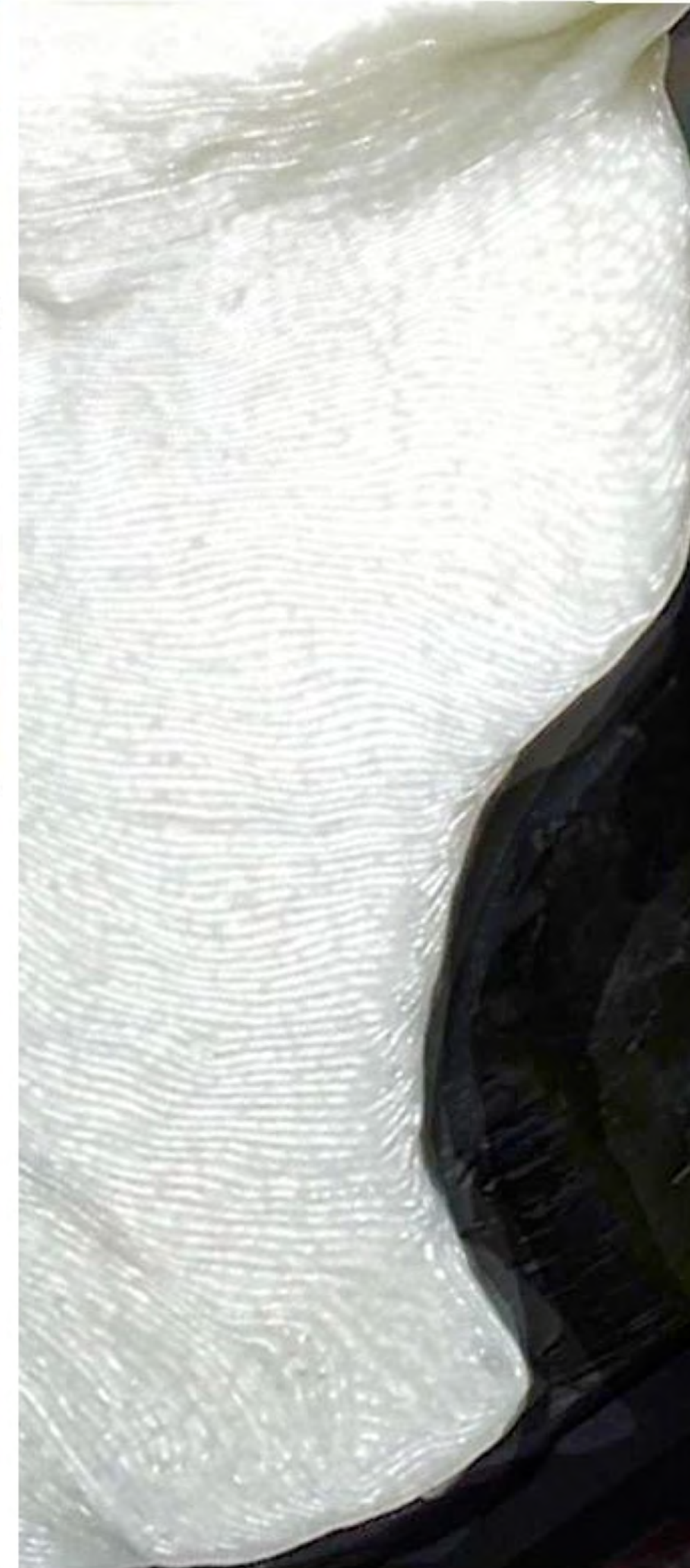
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MEDICAL **VR** LABS

TH Wildau startup „HumanX“



TH Wildau startup „HumanX“



TH Wildau startup „Biomes“

BIOMES.world
FEEL BETTER

[How the test works](#)

[Your self-test](#)

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[About us](#)

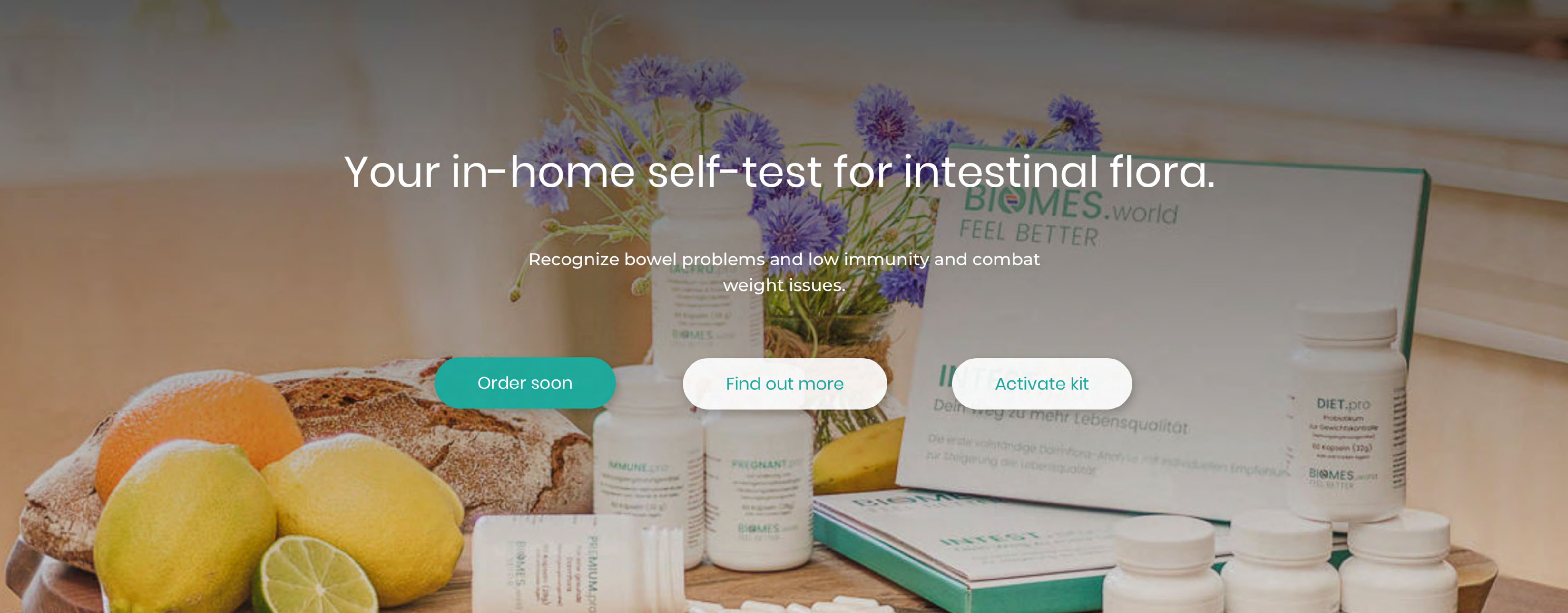
Your in-home self-test for intestinal flora.

Recognize bowel problems and low immunity and combat weight issues.

[Order soon](#)

[Find out more](#)

[Activate kit](#)





STARTUP SERVICE
TH Wildau

supporting networks

supporting networks



teaching entrepreneurship

- **Strong focus on entrepreneurial methods** (lean startup, design thinking, story telling, pitch deck, business model canvas, lean canvas, digital tools, prototyping...)
- Connections to the **Berlin startup world** (e. g., visits of accelerators, CoWorking areas, startups)
- Integration of **fundors as role models**
- **Entrepreneurship research** on Master's level (e.g., case studies)
- **Product development projects** in courses like project management, innovation management and summer school formats (interdisciplinary approach)
- Strong focus on **early customer engagement** (e.g., citizen panel)



lessons learned

lessons learned

- **integration** of the startup support into existing or new initiatives, areas and organizational units to achieve synergies
- involvement of **startup promoters** in all departments e.g. administration, university marketing and management
- continuous **involvement of founding teams** and startups in suitable and applied research projects, teaching events as well as the transfer to specific teaching formats like Innovation camps, #talents, eye tracking studies
- implementation of **early customer** and **usability tests** (START LEAN+, citizen panel)
- **EXIST startup scholarships** are a key factor to develop a visible startup culture at the university
- continuous **marketing** (on- and offline)



STARTUP SERVICE

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