

# TU Bergakademie Freiberg

## Gründernetzwerk SAXEED/Start-Up Network SAXEED



TECHNISCHE UNIVERSITÄT  
BERGAKADEMIE FREIBERG  
Die Ressourcenuniversität. Seit 1765.



### GENERAL INFORMATION

|  |   |
|--|---|
| location manager and mentor of start-ups | Andre Uhlmann   |
| Country                                  | Germany   |
| adress                                   | Fuchsmühlenweg 9<br>09599 Freiberg                                      |
| telephone                                | +40 3731 39 3887  |
| URL                                      | <a href="http://tu-freiberg.de/saxeed">http://tu-freiberg.de/saxeed</a> |
| Year of foundation                       | 2006  |
| Type of organisation                     | university  |

#### Aim/role with respect to the transfer process

Hochschulen haben ein großes Potenzial, mit Wissen und Technologien aus der wissenschaftlichen Forschung wirtschaftlich erfolgreiche Gründungen hervorzubringen. Das Gründernetzwerk SAXEED operiert an den 4 südwestsächsischen Hochschulen. Es unterstützt Gründungsinteressierte an Hochschulen und außer-universitären Forschungseinrichtungen. Unternehmensgründungen aus Hochschulen stellen eine besonders gut sichtbare Form des Wissens- und Technologietransfers auf Grundlage dort entwickelter Forschungsergebnisse dar und nehmen somit in diesem eine entscheidende Rolle ein. Es erfolgt die Sensibilisierung und Motivation Studierender, Hochschulabsolventen sowie von Mitarbeiterinnen und Mitarbeitern für die Idee der eigenen Unternehmensgründung sowie deren anschließende Qualifikation und Begleitung. Damit trägt SAXEED zu einer verstärkten Kultur der Selbstständigkeit, Eigeninitiative und des unternehmerischen Denkens an den Hochschulen und Forschungseinrichtungen bei und leistet einen Beitrag zur Innovationskraft der sächsischen Wirtschaft.

Universities have great potential to produce economically successful foundations with knowledge and technologies from scientific research. The founding network SAXEED operates at the four universities of Southwest Saxony. It supports founding students at universities and non-university research institutions. Business start-ups from universities are a particularly visible form of knowledge and technology transfer based on research results developed there and thus play a crucial role in this. The sensitization and motivation of students, university graduates and employees for the idea of starting their own business, as well as their subsequent qualification and support, takes place. SAXEED thus contributes to a strengthened culture of self-employment, self-initiative and entrepreneurial thinking at universities and research institutes and contributes to the innovative power of the economy in Saxony.

#### Main area with respect to the key topics

|   |  |
|---|--|
| Profillinien: Geo - Material - Energie - Umwelt | Profile: geology, materials, energy, environment |
| Main contact person for transfer                | Stephan Meschke // Jonathan Engelhardt           |
| Telephone                                       | +49 3731 39-2209 // -4394                        |
| email   | transfer@tu-freiberg.de                          |

## OFFERED TRANSFER ACTIVITIES

### Services in terms of the identification and description of innovative and economically applicable ideas

- identification of current research results in research institutions, universities (e.g. using technology scouting)
- foster scientists in the description of the exploitable idea, focussed on its application in enterprise; preparation of transfer profiles
- technology assessment according to technical, legal and economic aspects, such as technology maturity level, patentability, standard conformity, necessary licensing procedures

### Services in terms of the dissemination of innovative and economically applicable ideas

#### *publish and disseminate*

- user-oriented descriptions of the idea (technology), (such as technology offers and technology files): SAXEED-transfer profiles

#### *publication modes and media*

- various print media
- data-bases, online platforms, websites introducing innovative ideas
- newsletters/RSS
- brokerage events (bringing together developers and potential users)/ meetings introducing economically applicable research results; events as founder week, technology round tables, founder breakfast etc.; goal: networking
- "Gründerhorizonte" (once a year); presentation of the work to the mayor, the rector, stakeholders; goal: awareness
- services to bring together parties that could be relevant for the application of new ideas and technologies
- implementation of meetings, workshops, conferences (e.g. for initiating and intensifying contacts between science and business, for discussing detailed information about innovative ideas and technologies): founder mentoring etc.
- sub-sequential evaluation of discussions between technology suppliers (similar to licensors) and technology users (similar to licensees), such as finding out whether the partners can go on discussing the technology/ results independently or need additional support
- organisation of topic-specific workshops, fairs or similar activities in order to foster special ideas

- initiating and presenting/ moderating bilateral and subject-specific discussions held by technology suppliers and potential users

### Services in terms of the preparation of economic exploitation of an (innovative and economically applicable) idea/ technology

- boosting acquisition of financing or funding of the defined transfer (e.g. consulting, bringing potential partners together); start-up support: KfW, EXIST, SAB
- Evaluation of business ideas, business model development according to the Lean Startup approach
- concepts for and execution of qualification measures for the future personnel focussed on the exploitable idea/ technology (e.g. conceptual design and implementation of trainings, e-learning, workshops)
- initiation and supervision of the personnel exchanged between research facilities and enterprises
- Running the coworking space "Freiwerk" for the holistic support of the start-up projects

### Services of the economic exploitation of innovative and economically applicable ideas

- supporting implementation of spin-offs based on innovative ideas/ technologies

### Services in terms of collective advancement of innovative and economically applicable ideas resp. research fields

- initiation and implementation of tools that do not follow an institutional structure (networks, discussion groups, alliances, clusters); SAXEED network events

### Geographical area of transfer activities and services

- regional: with regard to the place of residence of the founder
- national: possible, but not eligible

## TARGET GROUPS

### Kind of organisation

- predominantly organisations offering or developing innovative ideas/ new technologies

### Number of employees of target group organisation(s)

- < 10
- 10 - 99
- 100 - 499

## REFERENCES

SAXEED Schwerpunkt: Gründungen aus dem Bereich der Forschung, Kontakt zu KMU über Zusammenarbeit mit Transferassistenten

Erfolgreiche Transfervorhaben:

- EVA: Entwicklung einer Hochleistungs-  
presse für die optimale Briquet-  
tierung feinverteilter Materialien  
([www.atna-solutions.com](http://www.atna-solutions.com))
- RMF Indium: Gewinnungsverfahren  
für das Technologiemetall Indium  
aus unterschiedlichsten Rückständen  
([www.tu-freiberg.de/fakul-  
taet2/tech/forschung/ausgruendun-  
gen/rmf](http://www.tu-freiberg.de/fakul-<br/>taet2/tech/forschung/ausgruendun-<br/>gen/rmf))
- Shade Wings: Erste nachrüstbare Zu-  
satz-Sonnenblende der Welt  
([www.shadewings.com](http://www.shadewings.com))
- Parforce: Neue Verfahren zur Gewin-  
nung von Phosphat aus Sekundärroh-  
stoffen ([www.parforce-technolo-  
gie.de](http://www.parforce-technolo-<br/>gie.de))

Focus of SAXEED: Start-Ups from research ,  
Contact with SMEs through cooperation with  
transfer assistants

Successful transfer projects:

- EVA: Development of a high-per-  
formance press for an optimal  
briquetting of finely dispersed  
materials.
- RMF Indium: Extraction process  
for the technologic metal indium  
from a variety of residues
- Shade Wings: World's first retro-  
fittable accessory sun visor
- Parforce: New method for obtain-  
ing of phosphate from secondary  
raw materials
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