

Výzkumný ústav pro hnědé uhlí a.s.

General information

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URL	http:// www.vuhu.cz
Year of foundation	1953
Type of organisation	company
Aim/role with respect to the transfer process	Contact between applied research and re- search results users
Main area with respect to the key topics	Coal mining and processing, mineral re- sources, environment protection
Main contact person for transfer	Marcela Šafářová
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Offered transfer activities

services in terms of the identification and description of innovative and economically applicable ideas

- foster scientists in the description of the exploitable idea, focussed on its application in enterprises: after contact from the author
- technology assessment according to technical, legal and economical aspects, such as technology maturity level, patentability, standard conformity, necessary licensing procedures): According to needs of the author
- determination of the potential technology users' (licensees) needs and requirements: According to particular situation of the technology

services in terms of the dissemination of innovative and economically applicable ideas

publish and disseminate

- portfolio of patents: own patents and patents of research institutions, universities
- user-oriented descriptions of the idea (technology), (such as technology offers and technology files)

publication modes and media

- various print media

- brokerage events (events bringing together developers and potential users)/ meetings introducing economically applicable research results

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 detail information about innovative ideas and technologies)
- 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

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

- contract research (e.g. initiating, bringing together the potentially exchanging parties, project management)
- research cooperation
- consulting to find out and make use of the resources required for the final implementation of new technologies or processes in enterprises (e.g. support in scouting out and canvassing of funding options for the implementation of new technologies in a company, support in the management of licensing procedures)

services of the economic exploitation of innovative and economically applicable ideas

- supporting patent exploitation/ licensing (e.g. patent search; market analysis, foundation consulting)

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

- establishment of institutional structures for the cooperation between science and economy (e.g. endowed chairs, joint research institutions as a kind of public private partnership, associated institutes closely connected with universities)
- support to the establishment of students' projects and looking after the students' work in the form of preliminary studies aimed at: the preparation of the implementation of innovative ideas/ new technologies in enterprises; the application of scientific results to tackle with practical problems in enterprises; the detection of deficits and bottlenecks that could make the application of new ideas and technologies in the enterprises difficult

geographical area of transfer activities and services

- regional
- national
- cross-border (PL <-->CZ; PL <--> GE; CZ <--> GE)
- European-wide

target groups

kind of organisation

- predominantly organisations demanding for innovative ideas or new technologies

businesses of target groups

- Mining and quarrying
- Administrative and support service activities

Number of employees of target group organisation(s)

- < 10
- 10 - 99
- 100 - 499
- >499

References

- Development and implementation of rotary atomizers for reduction of dust emission on key technology points by quarrying (excavator, landfill machines, transfer point of belt conveyor) Reduction of dustiness of dumps of loose grounds through the use of mist wall using modified rotary atomizers Exploitation of brown coal with specific properties and suitable parameters as charge of coke oven battery