

Institute for Soil and Water Conservation

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Park location on the map: [here](#)

Reg.nr.: 00027049
Director: prof. Ing. Radim Vácha, Ph.D. (vacha.radim@vumop.cz)
Deputy: RNDr. Pavel Novák, Ph.D.

Operating data of the park

Membership in STPA: YES
State of the park: in process of accreditation
Partner in project SPINNET: NO
Launch day: 27.4. 2017

Founder(s): Research Institute for Soil and Water Conservation
Owner(s): Research Institute for Soil and Water Conservation
Operator(s): Research Institute for Soil and Water Conservation

Type of entity: legal entity
Criteria for acceptance of innovation firm: individual

Description of the park

Introduction

VTP Research Institute for Soil and Water Conservation (VTP RISWC) is located in Prague 5 - Zbraslav (centre) and in workplaces in Brno and Pardubice. Research Institute for Soil and Water Conservation in Prague is founder and entrepreneur.

VTP Research Institute for Soil and Water Conservation is supported by the Conception of Base Research and Development of Research Institute for Soil and Water Conservation in Prague. Professional activities are focused on pedological and hydrological topics in the fields of research, development, counselling, workshops and professional meetings organization and lector work. VTP RISWC cooperates with the companies in the process of research and development results application into practices including scholarship realization and background and technical support for incipient companies and businessmen.

VTP RISWC fully accepts the Conception of Research, Development and Innovation of Ministry of Agriculture for the 2016 - 2022 years and fully respects Commission recommendation from 10th April 2008 about management of intellectual ownership in the process of knowledge transfer and about Codex of correct practice for universities and public research institutions (2008/416/ES). The correct approach and forms of intellectual ownership protection are determined as well as the support of result use in the cycle of research and development. The realized system of protection

and transfer results is required for the financing of research and development from public sources.

Description of technology transfer

The knowledge transfer is process of activities or services giving economical positives to the knowledge holder or the research institution that is an executor of ownership rights with the aim of research and development knowledge, know-how, licences and patents use, appreciation and commercialization in the framework of innovation potential and knowledge development and transfer in scientific fields of complex amelioration, pedology, landscape use and engineering and informatics related named fields including:

- ☐ the membership in international and national research and development centres
- ☐ scientific, professional and pedagogical cooperation
- ☐ research results verification and transfer into practices connected with consultation work and support of new technologies application including the foundation of spin-of company SOWAC s.r.o.
- ☐ Centre for technology transfer and Council for commercialization of RISWC foundation

Innovative entrepreneurship training

Workshops and professional meetings organization
Scientific conferences and field excursion organization
Consulting and counselling, scholarships and professional lectures
Project coordination on national and international level
Professional and research support of commercial business
Project opponent organization

Cooperation with universities

Czech University of Life Sciences Prague
Czech Technical University in Prague
Mendel University in Brno
University of South Bohemia in České Budějovice
Technical University of Liberec Charles University
Masaryk University
Brno University of Technology
Palacký University in Olomouc
Jan Evangelista Purkyně University in Ústí nad Labem

Services provided to innovation companies

by STP

external

Consultancy

- ☐
- ☐

business plans

- ☒
- ☐

technological advisory

- ☒
- ☐

patent advisory

- ☐
- ☐

certification advisory

- ☐
- ☐
- financing advisory
- ☐
- ☐
- accounting
- ☐
- ☐
- legal advisory
- ☐
- ☐
- marketing advisory
- ☐
- ☐
- education (courses for entrepreneurs)

by STP

external

Technical services

- ☒
- ☐
- secretarial services
- ☒
- ☐
- telephone exchange
- ☒
- ☐
- telephone, fax
- ☒
- ☐
- copy
- ☒
- ☐
- text processing
- ☒
- ☐
- reception
- ☒
- ☐
- buffet, canteen
- ☒
- ☐
- conference space
- ☒
- ☐
- computer for technical usage
- ☒
- ☐
- workshops
- ☒
- ☐
- laboratories
- ☒
- ☐
- access to data banks
- ☒
- ☐
- exhibition space

by STP

external

Financing



equity



credits



subsidies



other forms

Service expenses

STP service costs



only according to actual costs



only fixed payment tariff



fixed payment and additional charge for use



in lumps: rent, security, cleaning, phone, post

Other costs (p.a.)

acc. to usage

fixed CZK/m²

heating



electricity



others



total

Rent (p.a.)

CZK/m²

office space

2000-2500

production space

others

Statistical data

innovation

other

institutions

TOTAL

Companies

1

1

Employees

87

87

Rented area m2

STP

Land area

5243 m2

Built up park area

1809 m2

Utility area

2253 m2

- Rented area

= Remains for rent

2253 m2

Innovation companies

AGRI-PRECISION

Reg.nr.: 29300444

AGRI-PRECISION s.r.o. is specialised company for monitoring systems, navigation and driving of agricultural machines. The company offers the complete spectrum of the products for helping the effectiveness and lucidity of agricultural production. The monitoring systems identify the deficiencies of agricultural machines and offer the products for effective and precise improvement of the production.

Ing. Michal Krutiš

Tel.: +420 724 815 009

E-mail: michal@agri-precision.cz

WWW: <http://www.agri-precision.cz>

Technologies:

0407 - Information and communications technology (other)

Branches:

01 - Agriculture, hunting and related service activities

Agroprojekt PSO

Reg.nr.: 41601483

AGROPROJEKT PSO s.r.o. is company realizing the offer in the specialization of project activities, geometrical works, pilot geological works, construction works, engineering services, the business and other activities. The company supports the strategy of complex services in the sphere of rural development areas of the Czech Republic.

doc. Dr. Ing. Petr Doležal

Tel.: +420 777 291 646

E-mail: info@agroprojektpso.cz

WWW: <http://www.agroprojektpso.cz>

Technologies:

1507 - Environmental engineering (other)

Branches:

93 - Other service activities

Aquatest

Reg.nr.: 44794843

Aquatest, a.s. offers services in the fields of environment and water management protection. The company activities are supported by high employer's erudition and experience, company tradition and necessary material-technical support. The company has following certifications: ISO 9001, ISO 14001 and OHSAS 18001. The company is the beneficiary of subsidy programs. The structure of offered services covers the sphere of geological, hydro-geological, ecological and other activities. The main partners are Ministry of Finances, Ministry of Environment and the bodies of governmental and local authorities.

Ing. Marcel Pejzl

Tel.: +420 602 457 968

E-mail: pejzlm@Aquatest, a.s. služby v oblastech ochrany životního prostředí a vodního hospodářství

WWW: <http://www.aquatest.cz/>

Technologies:

1104 - Nanotechnology (other)

Branches:

90 - Sewage and refuse disposal, sanitation and similar activities

AQUATIS

Reg.nr.: 46347526

AQUATIS a.s. has 140 qualified employers in the field of water and environmental management. The advisory and engineering company offers the services in named fields. The wide spectrum of services is offered in all disciplines of water management, the drinking water supply and its

treatment, the process of waste water treatment, the proposal of canalization net, reservoir architecture, weir objects, municipal and industrial objects flood protection and water power plants.

Ing. Roman Hanák

Tel.: +420 541 554 229

E-mail: roman.hanak@aquatis.cz

WWW: <http://www.poyry.cz>

Technologies:

1507 - Environmental engineering (other)

Branches:

93 - Other service activities

ATLAS

Reg.nr.: 00564061

The aim of the company foundation was the development of own graphical software for the sphere of engineering activities - software ATLAS DMT. Software product ATLAS DMT is useful within many engineering activities (DMT, track projecting, slices, erosion calculation, etc.).

Ing. Petr Křížek

Tel.: +420 272 766 085

E-mail: p.krizek@atlasltd.cz

WWW: <http://www.atlasltd.cz>

Technologies:

9011 - Software development

Branches:

93 - Other service activities

Dekonta

Reg.nr.: 25006096

DEKONTA, a.s. is the company offering complex services on the field of environmental protection for more than 20 years. The services include environmental counselling, expert and project activities, contaminated soil and water remediation, waste management, supervision and technology production and development. The company disposes by own accredited laboratory.

Mgr. Karel Petrželka, MBA

Tel.: +420 312 292 960

E-mail: info@dekonta.cz

WWW: <http://www.dekonta.cz>

Technologies:

1104 - Nanotechnology (other)

Branches:

90 - Sewage and refuse disposal, sanitation and similar activities

ECO trend Research centre

Reg.nr.: 49683039

Company ECO trend Research Centre s.r.o. deals with research, development and innovation in the fields of ecology, renewable sources, expert and counselling activities and education and enlightenment.

Ing. Jan Matějka

Tel.: +420 267 912 338

E-mail: jan.matejka@ecotrend.cz

WWW: <http://www.ecotrend.cz>

Technologies:

0100 - Bioengineering

Branches:

73 - Research and development

EKODOMOV

Reg.nr.: 26664488

Ekodomov offers the services on the Czech territory since 2004. The aim of EKODOMOV is education in the field of responsible use of soil and water sources and sensible consumption of energy and raw materials.

Tomáš Hodek

Tel.: +420 603 425 958

E-mail: tomas.hodek@kompostuj.cz

WWW: <http://www.ekodomov.cz>

Technologies:

0100 - Bioengineering

0101 - Agricultural biology

0104 - Bioengineering

0105 - Equipment for bioengineering

0110 - Environmental bioengineering

1214 - Organic materials

1501 - Waste management

Branches:

01 - Agriculture, hunting and related service activities

73 - Research and development

80 - Education

GEPRO

Reg.nr.: 44851529

GEPRO spol. s r.o. is Czech software and trading company focusing on the proposals, development, application and service of software applications including data delivery, complex services and integration on the field of geo-informatics. The product PROLAND - software for landscape

engineering is offered by the company.

Ing. Jan Procházka

Tel.: +420 725 546 926

E-mail: gepro@gepro.cz

WWW: <http://www.gepro.cz>

Technologies:

9011 - Software development

Branches:

93 - Other service activities

KOEXPRO OSTRAVA

Reg.nr.: 60793121

KOEXPRO OSTRAVA is company dealing with the research, development, production, distribution and service of the tools and technologies for mining industry. The company focuses also on the development of surface pipe transport and the development of PROTEX technology - textile packs filling as the tool for erosion and flood precaution.

Ing. Jakub Mrovec

Tel.: +420 595 782 251

E-mail: grafika5@koexpro.cz

WWW: <http://www.koexpro.cz>

Technologies:

1507 - Environmental engineering (other)

Branches:

93 - Other service activities

METCENAS

Reg.nr.: 24839523

METCENAS, o.p.s. is independent non-incremental international research and educational company focused on technological and research cooperation between middle European and third countries (the Balkans, South Asia and Latin America) and based in 2011. The fields of interest are the climate change, integrated environmental evaluation, flood risks and effectiveness of natural resources use. METCENAS provides wide spectrum of practical and advisory services thanks to relation to research area and practical experts.

RNDr. Zuzana Boukalová

Tel.: +420 602 771 783

E-mail: zuzana.boukalova@metcenas.cz

WWW: <http://www.metcenas.cz>

Technologies:

0101 - Agricultural biology

Branches:

PRIMIS

Reg.nr.: 02402718

PRIMIS offers the services of Remote Sensing – remote planning, remote scanning, monitoring and processing of photometric and laser data. The processing of maps outputs, 3D modelling, GIS outputs and applications.

Ing. Zdeněk Klusůň

Tel.: +420 721 164 286

E-mail: zdenek.kluson@primis.cz

WWW: <http://www.primis.cz>

Technologies:

1402 - Aviation engineering

Branches:

93 - Other service activities

Vodohospodářský rozvoj a výstavba

Reg.nr.: 47116901

The company offers the complex services of primary engineering including solution problems identification, studies processing, financial, economic and socio-economic analysis, financing projects and official reconstruction discussion.

Ing. Jiří Valdhans

Tel.: +420 257 328 053

E-mail: valdhans@vrv.cz

WWW: <http://www.vrv.cz>

Technologies:

1507 - Environmental engineering (other)

Branches:

45 - Construction

Subject:

OPTAIN (H2020; 2020-2025)

Country:

Germany

Type of cooperation:

common project

Description: OPTAIN – Optimal strategies to retAIN and re-use water and nutrients in small agricultural catchments across different soil-climatic regions in Europe (EU-funded research and innovation project, 2020-2025) proposes a social and scientific journey towards the increase and better understanding of the multiple benefits of Natural/Small Water Retention Measures (NSWRMs). But why is this important? To better adapt to extreme events that exacerbate conflicts between agricultural water uses and other human and environmental demands for water. How is that done? By elaborating from the current state of knowledge, the experience of stakeholders from 14 case studies involved in the project and innovative scientific modelling and optimization approaches. Thus OPTAIN aims to:

- Identify efficient and easy-to-implement techniques for the retention and reuse of water and nutrients in small agricultural catchments across Boreal, Continental, and Pannonian regions.

Contact web:

<https://www.optain.eu/>

Contact e-mail:

fucik.petr@vumop.cz

Subject:

LIFE in Salt Marshes (2023-2029)

Country:

Belgium

Type of cooperation:

common project

Description: Complex ecological restoration of degraded and disappearing salt marshes in Moravian Pannonia. The project addresses the problem of degradation, eutrophication, and loss of species- and habitat diversity of eight N2000 sites of meadow wetlands, with a steep population decline in subjects of protection and with a diminishing occurrence of the priority habitat inland salt meadows (ISM) with U2 status on CZ and EU level. By detailed pilot analysis and site-specific combination of traditional and innovative measures, we will restore at least 20 ha of the ISM within the 506 ha of restored wetlands. There will be at least 35 % increase in biodiversity, 15-30 % increase in populations of target species, 20 % increase in habitat heterogeneity, 70 % decrease in the overgrowth by the expansive species and 99 % decrease in the abundance of invasive species, at least 25 % decrease in water pollution and 75 % decrease in climate vulnerability. The target species are *Tringa totanus* and *Spatula querquedula*, listed in priority for funding under LIFE, *Bombina bombina*, *Triturus dobrogicus* and *Rana arvalis*, all with U2 or U1 status on CZ and EU level, and the endemic *Cirsium brachycephalum*, with U2 status on CZ and EU level. We will engage volunteers, at least 20 local municipalities and 10 local farmers in the site-management and facilitate a long-term cooperation. At least 1300 members of lay and professional public will participate in 6 types of educational events. All implemented measures will be data-verified and summarised in 8 new management plans. The restored wetlands will be in a stabilised, ecologically sound state, the post-project care will require significantly less resources. The project will bring 16 newly created expert deliverables on ecological restoration of the ISM (in English), that will be publicly available and directly distributed to 7 CZ and 11 foreign institutions, who have expressed interest in the exploitation and transfer of the project results, and also to a selection of entities involved in the management and protection of the ISM across Europe.

Contact web:

<https://life.envirop.cz/>

Contact e-mail:
zajicek.antonin@vumop.cz

Subject:
STARGATE (H2020; 2019 - 2025)

Country:

Greece

Type of cooperation:
common project

Description: RESILIENT FARMING BY ADAPTIVE MICROCLIMATE
MANAGEMENT
STARGATE will develop a breakthrough, multiscale and holistic
climate-smart agriculture methodology, capitalizing innovations in the
field
of microclimate and weather risk management, as well as in the field
of landscape design.
The focus will be on Climate-Smart Agriculture (CSA) and will
extensively study
the benefits of applying agri-environment-climate technical solutions
to achieve sustainable agricultural development at landscape level.
It means to support farm management modernization and at the same
time get to know
the underlying ecological factors that shape the farming landscape.

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