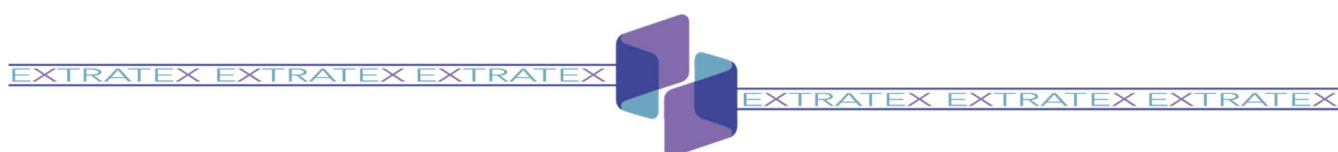


874137 — EXTRATEX — COS-CLUSTER-2018-03-02

“European TEXTile-TRANsport-Sustainability paradigm for industrial clusters EXcellence in cross-sector innovation — EXTRATEX”

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Duration: 02/2020-02/2022



Profile

for the ClusterXchange pilot scheme

The logo for Stered, featuring the word "Stered" in a green, sans-serif font with a registered trademark symbol (®) to the upper right.

PR Krajné, s.r.o.

Krajné 874

916 16 Krajné

Trenčiansky kraj

Slovakia

<http://www.stered.sk/?lang=en>

PROFILE:

PR Krajne is the holder of a patent for the STERED ® product, which offers the opportunity to take advantage of the challenges of the "green renewal of Europe". STERED ® is a technology for mechanical processing of mixed waste from synthetic technical textiles from the automotive industry. No other technological processes are known which would recover the said mixed wastes to the same extent as this line. Technology is a combination of recycling and recovery of recycled material into a new product. The output product is a STERED® ID board.

The product takes over all the positive properties of technical textiles intended for the basic product: exceptionally good thermal insulation properties, above-standard sound-absorbing properties and vibration attenuation, longevity, harmlessness to the environment and the human body.

However, the product is widely used in the field of water retention. The STERED ID board thus forms the basis of applications for climatic energetically active surfaces, especially green roofs and facades:

- provides rainwater management
- contributes to reducing energy consumption in the operation of buildings
- has a low carbon footprint when less than 1 kWh of energy per kg is used to process it.

COMPANY FOCUS:

PR Krajne is a waste processor - recycling company. In cooperation with the company MDM Slovakia s.r.o, which is the implementer of the program of climatic energetically active areas, they are open to all forms of cooperation development.

Attaching - pictures and links to the videos / presentations of the products etc.)

<https://youtu.be/RNj-txPyUIo?t=233>

<https://youtu.be/sZHL2yPc0Kk?t=128>

<https://youtu.be/-csXHBZVO0g>

GOALS of B2B:

- | | |
|------------------------------|----------------------------------|
| Offer services and know-how | <input type="radio"/> |
| Looking for contract dealers | <input type="radio"/> |
| Looking for direct customers | <input type="radio"/> |
| Finding cooperation partners | <input checked="" type="radio"/> |

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Looking for suppliers ☐

We are looking for partners for joint research projects ☐

Other – specify

Notes:

- Creation of a new processing capacity in a country with the production of technological waste from the production of parts from technical textiles for new cars, to use the support of the development of recycling and processing capacities - waste as a raw material
- The application of new products in "green infrastructure" applications, where the aim is to improve rainwater management and reduce the energy consumption of our buildings.

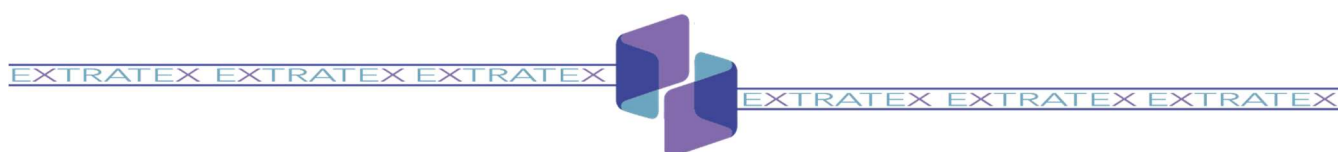
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for the ClusterXchange pilot scheme

LOGO OF YOUR ORGANIZATION



NAME AND ADDRESS:

VÝSKUMNÝ ÚSTAV CHEMICKÝCH VLÁKIEN,
A.S. (RESEARCH INSTITUTE FOR MAN-
MADE FIBERS, JSC)

ŠTÚROVA 2, 059 21 SVIT, SLOVAKIA

WEBSITE: <https://www.vuchv.sk>

PROFILE:

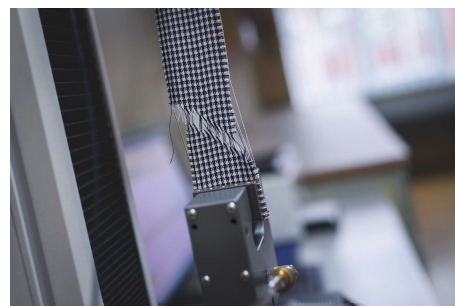
Research Institute for Man-Made Fibers, JSC located in Svit and established in 1951 is as a private SME currently active in the area of research and development of the pigment and additive masterbatches, standard and modified synthetic fibers, development and production of special technologies and machinery as well as laboratory testing and product assessment.

In order to ensure high quality of products and services and to secure environmental protection, the company has implemented and maintained a quality management system according to ISO 9001:2015 and environmental management system according to ISO 14001:2015 and has been practicing Responsible Care® program – global chemical industry's voluntary environmental, health, safety and security performance initiative.

COMPANY FOCUS:

Strong company focus on innovations and applied research provides foundations to maintain the competitiveness of internal production of chemical specialties (staple fibers, polymeric masterbatches and compounds) and engineering production but also helps numerous external partners and R&D service clients to innovate their own product portfolio.

Attaching - pictures and links to the videos / presentations of the products etc.)



GOALS of B2B:

Offer services and know-how	X
Looking for contract dealers	X
Looking for direct customers	X
Looking for suppliers	X
Finding cooperation partners	X
We are looking for partners for joint research projects	X
Other – specify	

Notes: -

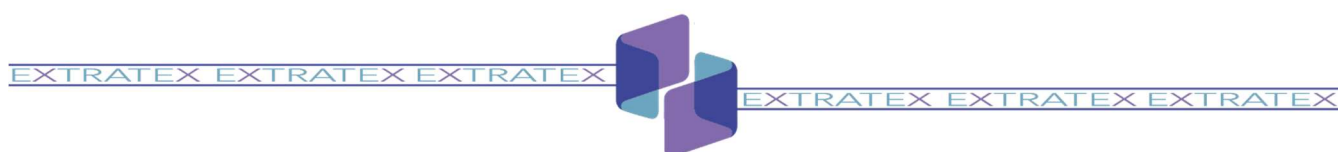
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for the ClusterXchange pilot scheme

LOGO OF YOUR ORGANIZATION



NAME AND ADDRESS:

CHEMOSVIT FIBROCHEM, S.R.O.
SHTUROVA 101, 059 21 SVIT
SLOVAK REPUBLIC

WEBSITE: [HTTPS://WWW.FIBROCHEM.SK/](https://www.fibrochem.sk/)

PROFILE:

PROLEN®YARN is a mass-dyed polypropylene multifilament yarn produced in Slovakia. Yarn is made with respect the environment in order to preserve it untouched for our future generations. It has great properties which improve our sports or daily life performance. Our yarn can be treated with a permanent antibacterial additive, based on silver phosphate glass and it is effective against the growth of bacteria and unpleasant smells for hygienic freshness. It is harmless for humans and the environment. From this Yarn we produce our new line of garments PROLEN MEDICAL. PROLEN MEDICAL it is medical clothing and textiles are made of 100% polypropylene certified Prolen® Siltex fiber, which is permanently treated with an antimicrobial (biocidal) additive based on silver ions registered for use as an antimicrobial agent under the EU Biocidal Products Directive.

COMPANY FOCUS:

Company is specializing on production of Polypropylene yarns also with various additives like silver and products from it. Producing sports wear and medical wear like face masks etc.

Attaching -

<https://www.youtube.com/watch?v=cugpBKPIAjg&t=2s>

https://www.youtube.com/watch?v=joJOIA8_jPQ&t=34s

<https://www.fibrochem.sk/our-products/>

<https://prolenshop.sk/>

<https://prolenmedical.sk/>

GOALS of B2B:

- | | |
|---|--------------------------------------|
| Offer services and know-how | <input checked="" type="radio"/> YES |
| Looking for contract dealers | <input type="radio"/> |
| Looking for direct customers | <input checked="" type="radio"/> YES |
| Looking for suppliers | <input type="radio"/> |
| Finding cooperation partners | <input checked="" type="radio"/> YES |
| We are looking for partners for joint research projects | <input type="radio"/> |
| Other – specify | |

Notes: -

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Profile

for the ClusterXchange pilot scheme



LOGO OF YOUR ORGANIZATION

SK-TeX

NAME AND ADDRESS:

SK-TEX SPOLOČNOSŤ S RUČENÍM
OBMEDZENÝM
KOSATCOVÁ 26
84108 BRATISLAVA
SLOVENSKO

WEBSITE: <https://www.sk-tex.com>

PROFILE:

Company established 1997

Volume of production 4000 t/year

Nr. of employees 24

Main products: recycled fibers, acoustic insulation, heat insulation, water retention texties

Main partners – automotive, building industry

COMPANY FOCUS:

- textile recycling
- insulation production

Attaching - pictures and links to the videos / presentations of the products etc.)



GOALS of B2B:

Offer services and know-how



Looking for contract dealers



Looking for direct customers



Looking for suppliers



Finding cooperation partners



We are looking for partners for joint research projects



Other – specify



Notes:

We are preparing full reconstruction of the production lines and building of new airlaid line. The project budget is over 12 mil eur and we received a subsidy for the project from European Union funds at level 4,1 mil eur looking for coinvestor for 2,5 mil. Eur.

Goal is to increase production of recycled fibers from 4000 to 10000 t/year and production of insulation to level of 2500 t/year.

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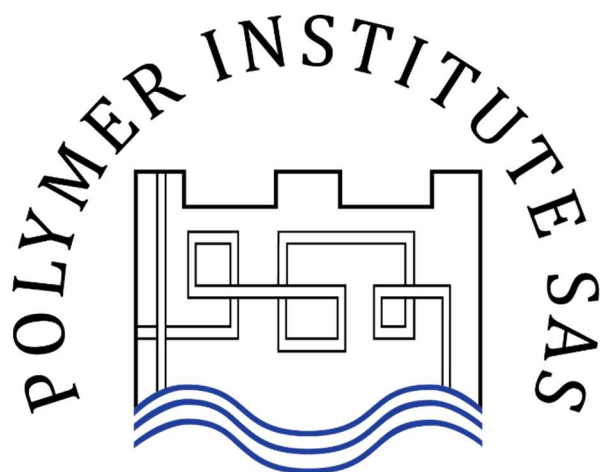
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Profile

for the ClusterXchange pilot scheme

LOGO OF YOUR ORGANIZATION



NAME AND ADDRESS:

POLYMER INSTITUTE

SLOVAK ACADEMY OF SCIENCES

DUBRAVSKA CESTA 9

BRATISLAVA 45

84541

SLOVAKIA

WEBSITE: <http://polymer.sav.sk/>

PROFILE:

The Polymer laboratory established by Dr. Milan Lazar at the end of 1962 created the conditions for founding the Polymer Institute in 1967.

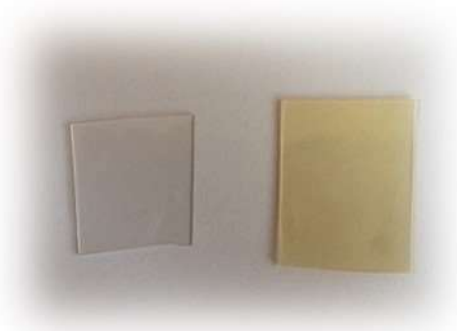
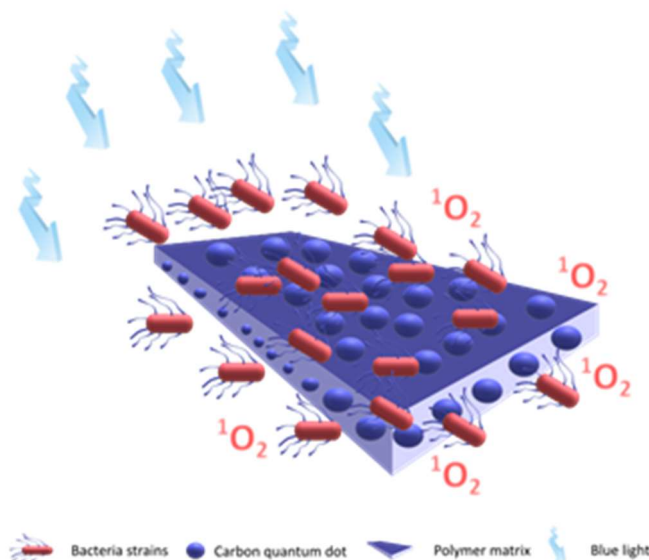
The Institute initiated the focused research in polymer chemistry as a part of the chemical research at the Slovak Academy of Sciences. Currently Polymer Institute SAS (PISAS) represents an important research and training center for basic and applied research in the contemporary topics of polymer chemistry.

As a result of the PISAS accreditation for years 2012 - 2015, the international accreditation panel of experts evaluated institute with the highest rating A characterized as "The research is internationally leading within the European context. The institute has demonstrated important contributions to the field and is considered an international player in Europe. ".

COMPANY FOCUS:

The Institute activities cover four areas: synthesis and characterization, composite polymeric materials, polymeric biomaterials and molecular simulation of polymers.

Attaching - pictures and links to the videos / presentations of the products etc.)



GOALS of B2B:

- Offer services and know-how ☐
- Looking for contract dealers ☒
- Looking for direct customers ☒
- Looking for suppliers ☒
- Finding cooperation partners ☒
- We are looking for partners for joint research projects ☒
- Other – specify

Notes:

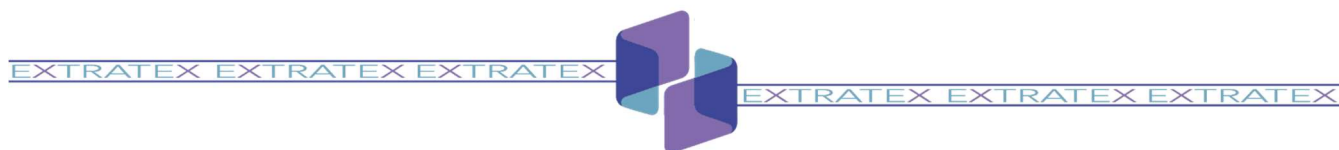
ŠPITÁLSKY, Zdenko - MARKOVIĆ, Zoran M. - KOVÁČOVÁ, Mária. Manufacture method of nanomaterial with antibacterial properties, the material thereof, and its use : Patent Application Publication. Pub. No.:US 2020/0017646 A1. Pub. Date: Jan. 16, 2020. Applicant: Ústav polymérov SAV, Bratislava. Appl. No. 16/490,439. PCT Filed: Feb. 27, 2018. PCT No. PCT/SK2018/050004 Aug. 30, 2019. Int. Cl.: C08J 5/00, C08L 53/02, C08K 9/08, C08I 71/02, C08J 3/28. United States, 2020. 7+3 p.

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Profile

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ClusterXchange



KMS-PT,S.R.O
K SURDOKU 5/A
080 03 PREŠOV
SLOVAKIA

<https://kms-pt.sk/>

PROFILE:

The company is located in Prešov (Slovakia). It operates in the field of plastics processing with a focus on the injection tools production and plastics injection molding more than 20 years. Also focusing on biodegradable plastics NONOILEN with injection, injection-blow molding and thermoforming technology for almost 10 years.

The main activities are:

- Manufacturing and service of the molds for injection molding, injection-blow molding, thermoforming
- Injection molding of common plastics products as well as biodegradable products based on NONOILEN
- Multi-component injection molding
- Reverse engineering: scanning, creating 3D models
- MITSUBISHI: Full electric Injection Molding Machines sales and service point

KMS-PT,s.r.o. company has a long-term experience in manufacturing molds for multi-component injection molding. It has the know-how protected by the utility model for its blow injection molding technology, which allows to use the standard injection molding machine for the production of hollow articles.

COMPANY FOCUS:

Protection of environment by bringing development of biodegradable and compostable plastics, preferably based on renewable sources to real life products.

.Attaching - pictures and links to the videos / presentations of the products etc.)

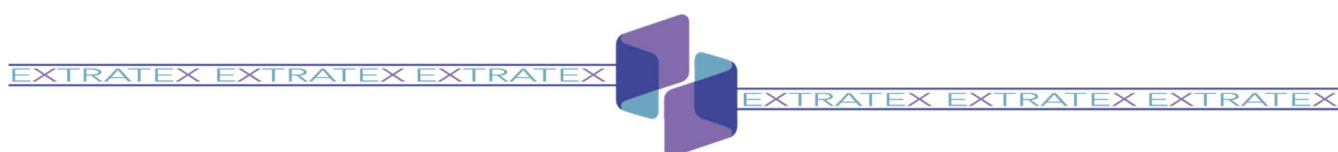


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Profile

for the ClusterXchange pilot scheme

LOGO OF YOUR ORGANIZATION



NAME AND ADDRESS:

CHEMOSVIT FOLIE S.R.O.

STUROVA 101

059 21 SVIT

SLOVAKIA

WEBSITE: <https://www.chemosvitfolie.com>

PROFILE:

The Chemosvit Group a.s. consists of a group of companies involved in the production, converting and sales of flexible films intended for packaging and the electrotechnical industry, production and sales of plastics, recycled plastics, polypropylene yarn, machinery, and packaging machines. **Chemosvit Folie, s.r.o** is leading packaging converter in Central & Eastern Europe with Head office in Svit, Slovakia and Sales Office in Germany and Ukraine. We design, develop, and sell flexible packaging solutions to major customers mainly in Europe. Although we are a modern company, with cutting-edge technology, we have more than 85 Years' experience in the packaging industry. The quality and product safety are our priority. There are all EU food standards applied. We deliver packaging solutions for food (78%) and non-food (22%) segments. Our top customers are market leaders in various segments. In Chemosvit Folie are all major printing technologies - rotogravure, flexoprinting, EB offset and production of PE blown film in the same location. Innovations and sustainability principles are our daily business. These allow us to prepare tailor-made packaging solutions for each customer.

COMPANY FOCUS:

Chemosvit Folie is packaging converter and deliver various flexible packaging solutions to our customer.

Attaching - pictures and links to the videos / presentations of the products etc.)

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for the ClusterXchange pilot scheme

LOGO OF YOUR ORGANIZATION



NAME AND ADDRESS:

PANARA, S.R.O.
KRŠKANSKÁ 21
949 05 NITRA
SLOVAKIA

WEBSITE: <https://www>

<https://panaraplast.com/>

PROFILE:

PANARA company has been established in 2001 for the sole purpose of manufacturing and marketing plastic films. However, the company's business has evolved over the last decade to implement its own research programme in the segment of biopolymers. In the present, the company revenue streams come from own or hosted scientific research, environmental solutions with the scope to launch commercial production of multicomponent biobased and biodegradable blends based on renewable resources, and its commercialization.

New developed material is registered under trademark NonOilen .

COMPANY FOCUS:

PANARA's essential aspect of innovative green business is strongly in line with the philosophy of a Circular Economy and covers the field of its core business (production of bioplastics granulates, recycling) as well as participation in other aspects of the final product's life cycle (collection, composting process, cooperation on the development of a new industrial composter, design and using closed chain - Closed Loop System of products).

Attaching - pictures and links to the videos / presentations of the products etc.)

<https://nonoilen.com/>

GOALS of B2B:

- Offer services and know-how ☒
- Looking for contract dealers ☐
- Looking for direct customers ☒
- Looking for suppliers ☐
- Finding cooperation partners ☒
- We are looking for partners for joint research projects ☐
- Other – specify

Notes: -