

PROJECT MI-TSRC TEAM:



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Prof. Sandra Bischof, Ph.D. – Project Manager and head of the Work Package Management and administration.

Assoc. Prof. Martinia Ira Glogar, Ph.D. – Head of the Work Package Promotion and visibility.

Prof. Edita Vujanović, Ph.D. – Head of the Work Package 1 Reconstruction and adaptation of TSRC premises.

Assoc. Prof. Sandra Flinčec Grgac, Ph.D. – Head of the Work Package 2 Equipment purchase and trainings.

Prof. Tanja Pušić, Ph.D. – Head of the Work Package 3 Organisational reform. Franjo Benjak, M.Econ. – Head of the Office for Projects at TTF, team member.

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SCIENTIFIC RESEARCH TEAM:

Prof. Sandra Bischof, Ph.D. – Project Manager and head of the Textile Science Research Centre infrastructure (TSRC), researcher.

Prof. Tanja Pušić, Ph.D. – Deputy TSRC head, researcher.

Prof. Edita Vujanović, Ph.D. – Researcher.

Assoc. Prof. Sandra Flinčec Grgac, Ph.D. – Researcher.

Assoc. Prof. Anita Tarbuk, Ph.D. – Researcher.

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Prof. Ana Sutlović, Ph.D. – Researcher.

Zorana Kovačević, M.Sc., Teaching assistant – Researcher.

Eva Magovac, M.Sc., Expert associate – Researcher.

Iva Matijević, M.Sc. in Textile Technology and Engineering, Teaching assistant – Researcher.

Katia Grgić, M.Sc., Expert associate – Researcher.

Lea Botteri, Ph. D., Post-doctoral researcher – Researcher.

ABOUT THE PROJECT:

The project titled Modernisation of Textile Science Research Centre infrastructure (MI-TSRC) will enable the University of Zagreb Faculty of Textile Technology (TTF) to be transformed into an internationally renowned institution through the implementation of organisational reforms and the purchase of modern research equipment.

Aforementioned will ensure proper conditions for conducting cutting-edge research, using advanced materials and technologies. This will enable the transfer of knowledge and innovation to the academic and economic sector, contribute to cross-sectoral cooperation, interdisciplinary innovation, fulfilment of market demands and ultimately promote the economic growth.

PROJECT NAME: Modernisation of Textile Science Research Centre infrastructure (MI-TSRC), KK.01.1.1.02.0024

FUNDING SCHEME: „Investment in the organisational reform and infrastructure within the research, development and innovations sector”

BENEFICIARY: University of Zagreb Faculty of Textile Technology

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More information on EU funds is available on <https://strukturnifondovi.hr/>



<http://mi-tsrc.ttf.unizg.hr/>



University of Zagreb Faculty of Textile Technology

MODERNISATION OF THE TEXTILE SCIENCE RESEARCH CENTRE INFRASTRUCTURE (MI-TSRC) KK.01.1.1.02.0024



Savska Street 16/9

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The sole responsibility for the contents of this flyer lies with the University of Zagreb Faculty of Textile Technology.



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PROJECT WORK PACKAGE 1

Reconstruction and adaptation of TSRC premises

The project implementation will start with the renovation and adaptation of TSRC premises, along with construction and craft works, works on electrical installations, works on central heating and air conditioning, including the installation of new lighting in all four-floor spaces. All the works will be done on and within the Faculty building in Savska Street 16/9, Zagreb where the Department of Textile Chemistry and Ecology and the Textile Science Research Centre (TSRC) are situated.

Space renovation will be done according to energy efficiency and green building principles. Pursuant to conducted analysis, this will result in the reduction of total energy consumption by 35-40%. Furthermore, worn-out roofing, carpentry and the outer envelope of the building will be replaced; the power grid and lighting modernised; problems with basement flooding resolved; while four laboratories with the total area of 446.7 m² will be restored. In addition, a completely new laboratory with a total area of 276.3 m² will be established.

All the above mentioned areas will be prepared and adapted for the installation of new equipment.



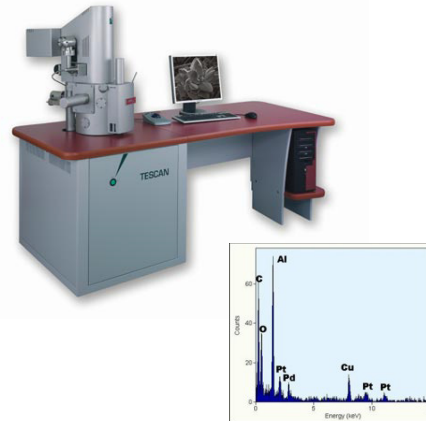
1 BUILDING RESTORED

4 LABORATORIES RENOVATED

PROJECT WORK PACKAGE 2

Equipment purchase and trainings

Adapted areas will be equipped with 14 scientific research sets of equipment purchased through a public procurement procedure. A minimum of 14 researchers will be trained, thus obtaining a certificate for the use of new equipment. Consequently, this will lead to the advancement of at least 3 researchers in higher scientific or scientific-teaching titles during the project implementation.



14 SETS OF EQUIPMENT

14 TRAININGS

3 STAFF ADVANCEMENTS

PROJECT WORK PACKAGE 3

Organisational reform

The implementation of organizational reform will start independently from the execution of other project activities by creating preconditions and establishing new Advanced materials and advanced technologies research laboratory, and also by developing Researchers training programme for conducting the research.

After the Faculty Council decision on the establishment of the mentioned laboratory enters into force, the Advanced materials and advanced technologies research laboratory will become the organizational unit of the TSRC. Furthermore, the Faculty Council will appoint a head of the TSRC who will be responsible for the quality and operations of the laboratory, in accordance with the Manual adopted at the institution level.

Within the organizational reform, the reorganisation of other laboratories will be carried out as well, along with all the organisational and personnel structure changes that will be included in general acts of the Faculty. In the second phase, after equipping the premises, at least 10 researchers will go through training and start with advanced materials and advanced technologies research activities. Researchers will then transfer knowledge gained through training to their associates, which will lead to the development of new methods that will later on be validated.

Also, all the methods developed during the project implementation will be referred to the accreditation process during its duration, while further methods will be referred to accreditation upon occurrence. The result of accredited methods, newly acquired equipment and educated personnel will be certified newly developed materials relevant to several sectors, which will enable the growth and development of SMEs and their better positioning in the international market.

1 NEW LABORATORY

1 QUALITY MANUAL

10 RESEARCHERS TRAININGS

5 METHODS VALIDATED

1 INNOVATION PORTFOLIO