

**WP7 – PROJECT MANAGEMENT & DISSEMINATION ACTIVITIES by
IOS d.o.o. (T7.1) &
ROTO-GRAD d.o.o. (T7.2)**

DISSEMINATION ACTIVITIES period between 1.9.2019 to 31.8.2020 (1st Project Year)

A) Management and Dissemination activities

- ▶ **In the period between 1.9.2019 to 31.8.2020 (1st Project Year)**, prof. dr. Aleksandra Lobnik, as the leading project manager, successfully coordinated project activities, meetings and reporting on the progress of the project to the EU Commission (EC), or Eureka Secretariat (ESE). She supervised and ensured the coherence between the project activities and the procedures set out in the Consortium Agreement Eurostars HMRecycle - E! 113543_31.7.2019.
- ▶ She took care of the rational use of project funds in accordance with the regulation and the rules set out in the Consortium Agreement Eurostars HMRecycle - E! 113543_31.7.2019.
- ▶ She supervised and directed the work of the heads of individual WPs and ensured the collection / archiving and processing of data on research work for individual results for the preparation of reports.
- ▶ She called joint meetings, namely before the quarterly reports of the HR partner ROTO-GRAD d.o.o., and before the 1st and 2nd half-yearly EU reports.
- ▶ She provided exemplary Project management and participated in Skype and telephone conversations. She was in contact with the project partner from CRO on a monthly basis and through the WP leaders on a weekly basis if necessary.
- ▶ A joint project website has been set up (<http://www.vibegraphics.net/HM>) (<http://www.hmrecycle.eu>), a platform for project presentation and dissemination, a project logo and a brochure for additional project visibility and simplified public information. If necessary, the project website is updated with content by both project partners.
- ▶ To promote mutual cooperation, integration of knowledge and implementation of results, **we have so far organized 5 project meetings.**
- ▶ *In the second annual period of WP7, (within the 5th Project Meeting) project partners each other presented the achieved results (new nanomaterials as adsorbents and established test cartridge system) and demonstrated applicability to all involved in the project. The project was presented and the operation of the cartridge system was demonstrated at the 5th project meeting of project partners in Puconci, 9.6.2020 by representatives of IOS d.o.o. in ROTO-GRAD d.o.o ..*
- ▶ Until September 2020, the presentation and **promotion of the project took place through lectures at 5 scientific / professional workshops and project meetings (in Slovenia).**
- ▶ The **implementation of project results took place until September 2020 in the form of the preparation of the original a scientific article submitted for review in *the Journal of Sol-gel Science and Technology.***

1. Project Meetings

- 1) Kick off meeting - 2.12.2019 at IOS d.o.o., (1st Introductory Project Meeting)
- 2) Technical meeting of partners, 24.10.2019 at IOS d.o.o., in Maribor (2nd Project Meeting)
- 3) Skype meeting of partners during the COVID pandemic 19, on 24.3.20, before the 1st-6th Monthly EU Reporting (PPReporting deadline 27.3.20), (3rd Project Meeting)
- 4) Technical meeting for the implementation of the project after the pandemic COVID 19 and for reporting according to Q3 for ROTO-GRAD d.o.o. (4th Project Meeting, at IOS, Maribor, May 28, 20)
- 5) Technical meeting of partners after the COVID 19 pandemic and before the 3.Q quarterly reporting by ROTO-GRAD d.o.o.; Active participation in the 5th Project Meeting in EkorOTO Puconci, Puconci near Murska Sobota, Slovenia, on 9 June 2020, - Presentation of results, demonstration of sample analysis

Eurostars project meetings took place via the MStTeams Teleconference, and correspondence with ROTO-GRAD d.o.o. by phone or email on a weekly basis.

2. Reporting

National Reporting:

- ▶ By HR project partner ROTO-GRAD d.o.o. **for the period Sep.20-Aug.21, 4 quarterly project progress and financial reports** were also successfully **submitted**, namely:
 - a) in Dec.2019 for Q1 - period Sep.19-Nov.19; in
 - b) in Mar.2020 for Q2 - period Dec.19-Feb.20; in
 - c) in Jun.2020 for Q3 - period Mar.20-May.20; in
 - d) in Sep.2020 for Q4 - period Jun.20-Aug.20;

EU Reporting:

For **period Sep.19 - Feb.20, 1 semi-annual EU report** (EU PPReport) **was submitted** on the Eureka / Eurostars portal on time, namely:

- ▶ **1.-6 monthly EU reporting** for the period Mar.2020 to Aug.2020; by IOS d.o.o., 21.Sep.20. The **1.-6 monthly EU reporting** was also carried out on time **by the project partner ROTO-GRAD d.o.o.**, 22.Sep.20, and

3. Materials / Products / Technologies / Applications / Innovations

- 1) Using our own knowledge in the company IOS, as an innovation we managed to **successfully perform the first increase ("scale-up") of magnetic nanoparticles on a 20-fold scale.**
"Scale-up" synthesis of functionalized magnetic nanoparticles (MND) with amino (-NH₂) group γ -Fe₂O₃ F-MND T:A) 20-fold; misled as an internal innovation at IOS headquarters (*Decision_INO_1_2020*); *Authors: A. Košak, S. Kranjc, M. Lakić, M. Bauman, A. Lobnik*

B) Dissemination, Education / Training / Knowledge Transfer

1. Online Project Promotion

- 1)** Online promotion of the project content on the website of IOS d.o.o. (<https://tinyurl.com/y4ubkrhr>), (<http://www.ios.si/english/projects/>) and publication of project brochures on the website of ROTO-GRAD d.o.o. (<https://roto-grad.hr/>)
- 2)** Online promotion of the project and project brochure through the publication of participation on IOS, Facebook page (<https://www.facebook.com/instituteios/>) - on the day of active participation in the ADRIA Innovation Day 2019 / EIT RawMaterials - October 23, 2019, in Portorož <https://tinyurl.com/y3a9ysrq>
- 3)** Online promotion of the project and project brochure through the publication of participation on IOS, FaceBoook page, (<https://www.facebook.com/instituteios/>) within the 7th CONFERENCE OF WOMEN'S ENTREPRENEURSHIP "WHEN BUSINESS COMES", 4.12.2019, in Hotel City Maribor at the presentation stand (<https://tinyurl.com/yxrueby>)

2. Presentations and promotions of the project at conferences, workshops, exhibitions

- 1) Presentation of the project with a brochure and leaflets within the ADRIA Innovation Day 2019 / EIT RawMaterials - October 23, 2019, in Portorož (<https://tinyurl.com/y6kg7d82>)
- 2) Presentation of the project and logo (Dr. Maja Bauman, IOS d.o.o.) at the Expert Conference PREPARATION OF DRINKING AND BATHING WATERS October 22, 2019 at 9.30 Terme Zreče, Hotel Vital) (<https://tinyurl.com/y46jmoa>)
- 3) Presentation of the project and logo (Dr. Maja Bauman, IOS d.o.o.) within the lecture "Introduction to wastewater recycling with membrane filtration" at the Expert Conference ECONOMIC USE OF WATER RESOURCES IN INDUSTRY, Thursday, November 28, 2019 at 9.30 am Hotel City in Maribor - City Hall C) (<https://tinyurl.com/yyh8dlzq>)
- 4) Short presentation of the content of the project and the logo (Dr. Mojca Poberžnik, IOS d.o.o.) at the Expert Conference 2019, PRACTICES OF CHANGING THE HABITS OF INDIVIDUALS IN HANDLING WASTE // as part of the Life e-waste management project, 28 November 2019 (Thursday) between 9:30 and 14:30, House of the European Union, Dunajska cesta 20, 1000 Ljubljana, Slovenia (<https://tinyurl.com/y3z5ppws>), (<https://tinyurl.com/y4fdqlfa>)
- 5) In the framework of the 7th CONFERENCE OF WOMEN'S ENTERPRISE "WHEN BUSINESS COMES", December 4, 2019, in Hotel City Maribor, IOS d.o.o. presented the project at the presentation stand (with a leaflet / project brochure) (<https://tinyurl.com/yxruelby>)
- 6) Presentation of the project, project results, demonstration of start-up, cartridge operation and demonstration of sample analysis with cuvette tests, within the 5th Joint Technical Meeting in EkoROTO Puconci, Puconci near Murska Sobota, Slovenia, on 9.6.2020.

3. Publications

- 1) An original scientific article entitled "Removal of Pb²⁺ and Cr³⁺ ions from aqueous solutions using amino-functionalized silica (SiO₂) particles", was submitted to the Journal of Sol-gel Science and Technology; Authors: S. Kranjc, M. Bauman, A. Košak A. Gutmaher, A. Lobnik