

## Press release

Between 13-17.04.2018, the delegation of the National Institute for Research and Development for Environmental Protection, led by dr.ing, habil. DEÁK György, participated in the Invention Fair called "International Engineering Invention Exhibition i-ENVEX 2018" held in Malaysia. The event was organized by Malaysia Perlis University (UniMAP) and hosted about 500 participants from 17 countries.



**The INCDPM** team presented 6 inventions (one for the redistribution of river flows between the river and its distributary, two in the field of renewable energy, two for the tagging and monitoring of sturgeon species and one an invention on the development of a technical solution for the protection of the population and wetland ecosystems against floods).

In addition to participating in the exhibition, INCDPM representatives were invited to Malaysia Perlis University to take part in a meeting with Profesor Dr. Zul Azhar Zahid Jamal, UniMAP Vice Chancellor. During the meeting, discussions were held on the activities of the two institutions and about the opportunity to conclude a partnership to attract European and international funds in the field of environmental protection. The meeting with the Vice-Chancellor of UniMAP was finalized by the conclusion of a Collaboration Protocol between INCDPM and Malaysia Perlis University.

On 13.04.2018, INCDPM representatives were invited to attend a course for UniMAP students regarding techniques and methods for monitoring environmental and biodiversity factors, course which is developed and used by the Institute experts.

Also, the INCDPM delegation participated in a working meeting with the lecturers of the Environmental Engineering School of UniMAP, on various research topics in the field of environmental protection.





The inventions presented by the INCDPM team were appreciated by the jury of the salon and by the other participating entities, receiving the following distinctions:

- The invention „DKLB-C win-win technical solution for flow redistribution between the Bala Branch and Old Danube” was awarded with Gold Medal i-ENVEX and Gold Medal "Honor of Invention" awarded by WIIPA;
- The invention „Glazed tiles with photovoltaic potential for roofs” was awarded with Gold Medal i-ENVEX and Double Gold Medal I ENVEX;
- The invention „Prefabricated elements with embedded photovoltaic cells for plating facade and uncirculated terraced roofs” was awarded with Gold Medal i-ENVEX;
- The invention „DKTB ichtyofauna monitoring station, especially sturgeons, through remote sensing, with ultrasonic tags in different hydrological conditions” was awarded with Gold Medal i-ENVEX;
- The invention „DKMR-01T mobile station for remotely sensing and monitoring of ichtyofauna, especially for sturgeon in difficult hydrological conditions” was awarded with Gold Medal i-ENVEX;
- The invention „Technical solutions for protecting the wetlands’ ecosystems and population against floods” was awarded with Gold Medal i-ENVEX.



#### The jury of the i-ENVEX exhibition

In addition, INCDPM received another special prize at the i-ENVEX exhibition, the "Contribution Award", for the entire research and innovation activity.

The presentation of INCDPM inventions had a positive impact both among the evaluators and among exhibitors and visitors. For this reason, INCDPM maintains the idea of undertaking research and innovation actions in the field of environmental protection as well as for the conservation of sturgeon species in the Lower Danube.