

Background of the project

Phosphate rock is included on list of critical raw materials (CRMs) for EU (COM no. 490, 2017). Phosphorus (P) is an essential element for human nutrition, yet limited resource, which cannot be replaced by any other element. As Europe has no significant P mines, it is highly dependent on the import of P ore. In last years, European countries have already taken actions in order to achieve P security on continent. In Switzerland and Germany, a regulatory framework relating to the recovery of phosphorus has been introduced. It can be expected that in other countries, such regulatory framework will be introduced in the near future. Due to fact that in Baltic supply chains, P current usage involves waste and losses at every stage of its lifecycle, one of the most interested area with has a significant problems associated with improper management of P is the Baltic region.



Objectives of the project

The main goal of the project is to DEVELOP A PHOSPHORUS STRATEGY FOR THE BALTIC REGION, laying out a solid foundation and developing long-term solutions for the sustainable management of this critical raw material.

Strategic InPhos objectives consist of the following:

- 1) identification of best management practices of sustainable phosphorus usage existing in developed countries,
- 2) identification of the recovery potential for phosphorus in the Baltic region,
- 3) transfer of knowledge and design of solutions for the sustainable use of phosphorus in the Baltic region,
- 4) promotion of the closing of the phosphorus cycle in the Baltic region,
- 5) building of a ‘phosphorus responsible society’,
- 6) educational development- improvement of the skill basis of the knowledge triangle in the Baltic region.

InPhos Consortium – integration of Knowledge Triangle in the Baltic region

	RESEARCH	EDUCATION	INDUSTRY
EIT RMs Partners	<p>Lead Partner</p>		
Task Partners			

Outcomes of the project

The outlined objectives will be achieved by setting up a working group of experts, coming both from developed countries and the Baltic region, who will conduct and supervise a **LONG-TERM COLLABORATIVE PROGRAM ON THE IMPLEMENTATION OF SUSTAINABLE PHOSPHORUS MANAGEMENT SOLUTIONS IN THE BALTIC REGION.**

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InPhos action plan

