

NOMATEN

Centre of Excellence in Multifunctional Materials for Industrial and Medical Applications



The **NOMATEN Centre of Excellence** vision is to create in Poland a new research organization in which **international world-class** research teams will design, develop and asses **innovative multifunctional materials**, materials combining advanced structural and functional properties – for **industrial and medical applications**.



NATIONAL
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Narodowe Centrum
Badań i Rozwoju



The overall objective of the NOMATEN project is to establish a Centre of Excellence in Multifunctional Materials for Industrial and Medical Applications that will exploit unique nuclear research infrastructure and expertise from Poland and Europe. The long-term vision for the NOMATEN CoE is to provide world-class research and development of innovative multifunctional materials – materials combining advanced structural and functional properties – for industrial and medical applications. NOMATEN CoE focuses on two strategic research and innovation topics:



- **Novel high-temperature, corrosion and radiation resistant materials for industrial applications** (hydrogen production, coal liquefaction, advanced nuclear power reactors, nuclear fusion etc.)



- **Novel radiopharmaceutical materials for medical applications** (used extensively as diagnostic and therapeutic agents in nuclear medicine).

The most crucial activity in the initial period of NOMATEN is the recruitment of high quality research staff. We want to construct a truly internationally perceived and appreciated research organization.

The structure of created CoE is planned in a way to help employees in planning their career, encourage international and national mobility activities and support foreign internships and joint doctorates. It will allow them working in multi-national cross-cultural collaborations with the possibility of self-realization and freedom in research. We encourage you to collaborate with scientifically excellent people able to cope with comprehensive problems like deployment of nuclear energy in Poland or development new radio-pharmaceutics for medicine. Contact us.

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