



FIT-4-NMP

Strategic and targeted support
to incentivise talented newcomers
to NMP projects under Horizon Europe

HIGH-PERFORMANCE and SUSTAINABLE COMPOSITES INNOVATION WORKSHOP TU DRESDEN 13-14.10.2022

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 958255

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Łukasiewicz Research Network



The third largest research network in Europe and the largest network in Poland, the R&D leader in Central and Eastern Europe.



We are modern research institution, managing 440 R&D laboratories.



We integrate 26 research institutes and the Łukasiewicz Center, which was established to plan and coordinate the scientific research.



The best people work for us!
Our teams consists more than 4,500 creative scientists and engineers.

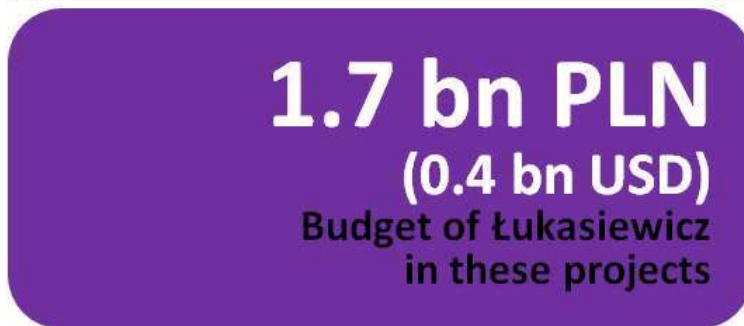


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Łukasiewicz Research Groups



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Łukasiewicz Research Groups

43%



- bioeconomy
- new materials, materials recovery
- transmission and storage energy
- building materials with low energy consumption and material consumption and high insulation
- sustainable cultivation processes
- green chemistry

14%



- automation, robotics
- artificial intelligence
- intelligent services for citizens and businesses
- smart industry and Logistics
- smart cities
- digital agriculture
- digital education
- data science, digital networking, Internet of Things (IoT), AR - augmented reality

31%



- innovations in the healthcare system
- medical products
- innovations in medical technologies

12%



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Łukasiewicz Challenges!



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Łukasiewicz Orgmasz

- ✓ We bring business to science, supporting the development of socially responsible innovations.
- ✓ Providing expert knowledge on the effects of introducing new technologies to support the decision-making processes of public administration, business and citizens.
- ✓ We support citizens, public administration, and businesses in their decision making.
- ✓ We reduce the risk and increase the benefits of technology development for society and the economy.
- ✓ Our goal is technological social responsibility.



Technology Assessment



Socially Responsible Technology Development



Technology Foresight



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HORIZON-CL4-2023-TWIN-TRANSITION-01-31: ENERGY EFFICIENCY BREAKTHROUGHS IN THE PROCESS INDUSTRIES (PROCESSES4PLANET PARTNERSHIP) (RIA)

1. My key idea for contribution to a project under this topic:

Business case analysis and exploitation strategy,

2. Competences relevant to the topic and motivation to apply

- ✓ Extensive experience in preparation and development:
- ✓ Technology evaluation, selection and ranking
- ✓ Public consultation
- ✓ Technological foresight
- ✓ Technological audit
- ✓ Social impact assessment
- ✓ Market analysis
- ✓ Social campaigns
- ✓ Regulatory analysis

Twin transformation report



Economy Based On
Hydrogen report



The future of mobility
report



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HORIZON-CL4-2024-RESILIENCE-01-24: DEVELOPMENT OF SAFE AND SUSTAINABLE BY DESIGN ALTERNATIVES (IA)

1. My key idea for contribution to a project under this topic:

Performing ecosystem analyzes of introducing new substances and materials, economic analysis, business evaluation, public perception, proposing an exploitation strategy, analyzing the



o nas Zespół Projekty Kariera Kontakt BIP



2. Competences relevant to the topic and motivation to apply

- ✓ Extensive experience in preparation and development:
- ✓ Technology evaluation, selection and ranking
- ✓ Public consultation
- ✓ Technological foresight
- ✓ Technological audit
- ✓ Social impact assessment
- ✓ Market analysis
- ✓ Social campaigns
- ✓ Regulatory analysis

In 2022, more than 22 technology analysis assessments were performed



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