

## **PARTICIPATION IN RESEARCH PROJECTS**

### ***Leadership of research projects:***

**2006**

- 1) state budget fundamental project “Forming of the mechanisms of Ukrainian economic agents transition to economic development on the base of resource saving technologies” (No. 0106U010964) – *Grant of the President of Ukraine;*

**2008**

- 2) state budget fundamental project “Forming of the ecological and economical mechanism of resource saving motivation in the conditions of Ukraine transition to information society” (No. 0108U009079) – *Grant of the President of Ukraine;*

**2012**

- 3) state budget fundamental project “Fundamental management bases for ecologically orientated dematerialization of social and economic systems” (No. 112U006839) – *Grant of the President of Ukraine;*
- 4) fundamental project “Mechanisms for the implementation of socio-economic potential of production and consumption dematerialization” (No. 0112U002698) - *scholarship of Verkhovna Rada of Ukraine;*

**2013**

- 5) fundamental project “Mechanisms for implementation of dematerialisation and resource potential of the national economy in the information society” (No. 0113U001746) - *scholarship of Verkhovna Rada of Ukraine;*

**2016**

- 6) state budget fundamental project “Formation of motivation mechanisms for dematerialization and energy efficient changes of the national economy” (No. 116U007180) – *Grant of the President of Ukraine;*

**2014-2017**

7) fundamental project “Ecological and economic mechanisms for realizing the potential of energy and resource saving of the national economy” (No. 0114U001764) - *without funding*;

**2017-2019**

8) state budget fundamental project “Organizational and economic mechanisms for stimulating renewable energy development in Ukraine” (No. 0117U002254) – *Ministry of Education and Science of Ukraine*;

**2020-2021**

9) applied project “Formation of economic mechanisms for sustainable development of renewable energy in the conditions of global and local threats to energy security of Ukraine” (No. 0120U104806) – *the National Research Foundation of Ukraine*;

**2022-2025**

10) Jean Monet Module project “Social Solidarity Economy: implementing EU experience for Sustainable Development” (No. SSExpEU-101047518-GAP-101047518) – *the European Commission*;

**2025–2026**

11) SPARK research project “Build back greener: can the destruction of electricity infrastructure trigger Ukraine's energy transition?” (No. CRSK-1\_228658) - *the Swiss National Science Foundation*;

***Leadership of projects applied at microlevel:***

**2022-2024**

1) applied project “Research on management mechanisms for digital business transformation” (No. 53.14-2022.CII/01, 14.07.2022–31.12.2024) – *a private enterprise*;

***Project co-executor:***

1) the research project “Developing renewable energy during the post-war recovery in Ukraine” (the University of Geneva’s Uni4Ukraine grant and the

Department F.-A. Forel for Environmental and Aquatic Sciences, Geneva, Switzerland; 2022-2025);

- 2) state budget fundamental project “Fundamental grounds for Ukraine's transition to a digital economy based on the implementation of Industries 3.0; 4.0; 5.0” (No. 0124U000576; 2024-2026);
- 3) state budget fundamental project “Fundamentals of the phase transition to the additive economy: from disruptive technologies to institutional sociologisation of decisions” (No. 0121U109557, 2021-2023);
- 4) state budget fundamental project “System model of efficiency management and forecasting of electricity use” (No. 0118U003583; 2018-2020);
- 5) state budget fundamental project “Innovation management of energy efficient and resource saving technologies in Ukraine” (No. 0118U003571; 2018-2020);
- 6) state budget fundamental project “Development of fundamental principles of reproduction mechanism of the social and economic development during the Third industrial revolution” (No. 0118U003578; 2018-2020);
- 7) state budget fundamental project “Development of institutional and economic basis for sustainable development and «green» economy at regional level” (joint Ukrainian-Lithuanian project, No. 0116U007179; 2016-2017);
- 8) state budget fundamental project “Development of the fundamentals of the reproductive mechanism of green economy in the information society” (No. 0115U000684; 2015-2017);
- 9) state budget fundamental project “Methodology of mechanism formation for innovative development of national economy based on alternative energy” (No. 0115U000678, 2017);
- 10) fundamental project “Fundamentals of ecologically safe transformation of regional ecological-economic systems” (No. 0111U003564);

- 11) state budget fundamental project “Organizational and economic bases of economic systems adaptation to climate and resource fluctuations” (No. 0114U007076; 2015);
- 12) fundamental project “Fundamentals of management for sustainable development of a company, territory, society” (No. 0113U007870);
- 13) fundamental project “The methodology of innovative ensuring sustainable development of entrepreneurship” (No. 0113U007871);
- 14) state budget fundamental project “Institutional mechanisms for integrated management of the transition to sustainable regional development in Ukraine and Belarus” (No. 0113U002790; 2013-2014);
- 15) state budget fundamental project “Fundamental bases of forming environmentally oriented mechanisms of social and economic potential realization in the conditions of informational society” (No. 0111U002149; 2011-2013);
- 16) state budget fundamental project “Development of scientific and methodical bases of complex ecological-economic assessment of the regions in the context of sustainable development” (No. 0111U004966; 2011);
- 17) state budget fundamental project “Formation of mechanism of management of ecologically oriented innovation business” (No. 0107U004522; 2015);
- 18) state budget fundamental project “Fundamental bases of social and economic motivation for innovation development of the region” (No. 0109U007782; 2009-2012);
- 19) state budget fundamental project “Management of environmental risks of innovations in the transition to sustainable development” (No. 0107U001142; 2007-2008);
- 20) state budget fundamental project “Problems of economics and management for companies development in transitive economy” (No. 0103U004592);
- 21) state budget fundamental project “Development of fundamental economic foundations of the development theory“ (No. 0103U007663; 2004-2005);

- 22) state budget fundamental project “Development of organizational and economic mechanism for management of economic agents innovative development in conditions of formation of information economy” (No. 0106U001934; 2009);
- 23) state budget fundamental project “Fundamental bases of mechanisms formation for ensuring sustainable development of socio-economic systems” (No. 0106U001939; 2006-2007);
- 24) state budget fundamental project “Development of methodological foundations of transforming education for ensuring sustainable development” (No. 0107U009205; 2008);
- 25) state budget fundamental project “Fundamental bases of ensuring sustainable development during the transition to the information society” (No. 0108U000670; 2008-2010);
- 26) state budget fundamental project “Development of methodological and methodical bases of ecological losses assessment for the formation of environmental policy for sustainable development” (No. 0109U004805; 2009-2010)
- 27) state budget fundamental project “Analysis and consideration of uncertainties and risks factors of innovations in the transition to sustainable development” (No. 0107U001142);
- 28) state budget fundamental project “Improvement of financial mechanism of management for eco-innovative development of Ukrainian economy” (No. 0106U008508);
- 29) state budget fundamental project “Economics of sustainable development: macro-and microeconomic mechanisms of providing” (No. 8.4/21);
- 30) state budget fundamental project “Scientific substantiation of economic prerequisites for Ukraine's entry into the information society” (No. 65.01.0300-01; 2000-2002);

- 31) program of reconstruction of existing and construction of new heating systems and boilers in Sumy region with the introduction of modern energy-saving technologies, materials and equipment for 2001-2010;
- 32) environmental development program of Sumy region until 2010 (financed by the Office of Environmental Safety of Ukraine in Sumy region).