

Kateryna Kraus, Nataliia Kraus

THE NATURE OF DIGITAL TRANSFORMATION. ENERGY OF THE ECONOMY How to feel, understand and use it

Scientific monograph

Riga, Latvia 2023 UDC 33(08) Na817

Reviewers:

Herold David M., PhD, Research Associate of the Institute for Transport and Logistics Management, Vienna University of Economics and Business, Austria **Orudzhev Elshar,** Doctor of Physical and Mathematical Sciences, Professor, Professor of the Department of mathematical economics Baku State University, Azerbaijan

All rights reserved. No part of this book may be reprinted or reproduced or utilized in any form or by any electronic, mechanical, or other means, now known or hereafter invented, including photocopying and recording, or in any information storage or retrieval system, without permission in writing from the publisher and author.

The nature of digital transformation. Energy of the economy. How to feel, understand and use it: Scientific monograph / Kraus Kateryna, Kraus Nataliia. Riga, Latvia: "Baltija Publishing", 2023. 280 p.

ISBN: 978-9934-26-287-6

DOI: https://doi.org/10.30525/978-9934-26-287-6

Has digitization left its mark on the modern economic system? What are the "roots" of digital transformation? Is today's digital development the "energy" of the national economy? Does the digital ecosystem contribute to the formation of Industry 5.0? Is it time for the practical implementation of cyber security tools? What role in the modern economic system is assigned to digital enterprises in the conditions of virtual and augmented reality? What is the digital content of green business? What relationships can be traced in the digital cubic space? Does the "energy" of the economy accumulate due to the synergistic effects of network connections?

The authors offer answers to these and other questions, recognizing that they are not definitive. The monograph presents important insider information about the state of affairs, giving the reader the opportunity to draw his own conclusions and join the discussion of this extremely topical topic. In particular, the scientific work considers the conceptual aspects of researching the patterns of digital transformation, its nature. In addition, the authors believe that digital entrepreneurship and Industry 5.0, which are possible under the conditions of effective work of institutions of coordination and trust, are among the most important institutions of digital development in Ukraine as a result of institutional-structural changes and modernization. Authors' opinion: for the deep digitization of the economy and the formation of the X.0 Industry of Ukraine, an objective vision of the situation, high-quality institutions, competent and balanced economic steps, well-thought-out active actions of both government officials and economists-scientists, and entrepreneurs of small, medium and large businesses are needed, and without any doubt taking into account the global experience of digitization of post-industrial countries.

The monograph is intended for scientists, entrepreneurs, civil servants and everyone who is interested in digital, the digital transformation of the economy and the work of a digital enterprise in the ecosystem.

Kateryna KRAUS

Candidate of Sciences (Economics), Associate Professor ORCID 0000-0003-4910-8330

Nataliia KRAUS

Doctor of Sciences (Economics), Professor ORCID 0000-0001-8610-3980

THE NATURE OF DIGITAL TRANSFORMATION. ENERGY OF THE ECONOMY.

How to feel, understand and use it

Scientific monograph

Izdevniecība "Baltija Publishing" Valdeķu iela 62 – 156, Rīga, LV-1058 E-mail: office@baltijapublishing.lv

Iespiests tipogrāfijā SIA "Izdevniecība "Baltija Publishing" Parakstīts iespiešanai: 2023. gada 27. februāris Tirāža 300 eks.