

## Personal information

**Bozhidar Ivanov Hadzhiev**



📍 Bulgaria, city of Plovdiv, "Brezovska" Str., Plovdiv municipality , region Plovdiv

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Sex M | Date of birth 17.10.1955 | Nationality Bulgarian

## Place of work:

**IIR at BASc, Section „Company Economics”**

## Position:

**UFT Plovdiv, Department „Industrial Business and Economics”**

**Professor, Doctor of Economics**

## EDUCATION, SCIENTIFIC DEGREES AND TITLES:

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|------------------|---|
| <b>2014</b>      | <b>Doctor of Economics</b> in Scientific field 3. Social, economic and legal sciences, 3.8. „Economy” Research Associate „Economy and Management”(Industry) - Diploma № 001/ 14 of July 2014, UFT with protected dissertation work: „Complex reengineering and system of modules for its implementation in the food industry”.  |
| <b>2010</b>      | <b>Scientific title „Professor”,</b> Professional Field (PF) 3.8.„Economics” and PF 5.13 „General engineering”, scientific specialty <b>05.02.18</b> „Economics and Management (reengineering of the industrial enterprises)” - certificate № 26792 from the Higher Attestation Commission with the Council of Ministers, №19/23.11.2010.                                     |
| <b>2007</b>      | <b>Scientific title „Associate Professor”,</b> PF 3.8.„Economics” and PF 5.13 „General engineering”, scientific specialty <b>05.02.18</b> „Economics and Management” – certificate № 24226/10.05.2007 from the Higher Attestation Commission with the Council of Ministers, №4/27.02.2007;  |
| <b>1997-2003</b> | <b>Doctor in Economics,</b> scientific specialty <b>05.02.10</b> „World Economy and international economic relationships” - Diploma №28375/31.03.2003 from the Higher Attestation Commission with the Council of Ministers for scientific degree „Doctor” with protected dissertation work: „The reengineering and external economic activity of the industrial enterprises”; |
| <b>1999-2002</b> | <b>Psychologist,</b> specialty „Applied psychology”- Plovdiv University „Paisii Hilendarski” , Diploma for the scientific degree „Master” with protected diploma work: „The psychological aspect Психологическият аспект at the starting position for prudent management”;  |
| <b>1985-1989</b> | <b>Economist,</b> specialty „International economic relations” – Foreign Trade Academy, Moscow – Diploma for economist with protected diploma work “The role of the technological complexes for improvement of the economic effectiveness of the external economic activity”;   |
| <b>1975-1980</b> | <b>Engineer,</b> specialty „Machines and apparatuses for the food industry”- UFT Plovdiv – Diploma for mechanical engineer with a protected thesis project: "Calculation of nodes and details with the method of the final elements ”;  |

## SCIENTIFIC, ORGANIZATIONAL AND PRACTICAL ACTIVITIES:

2013 – at present	As a Professor, Doctor of Economic Sciences participates in the activity of the Section “Economics of the Company” at the Institute of Economic Research at BASc.
2010 – March 2020	As a professor, he leads the Department of Industrial Business and Entrepreneurship at the University of Food Technology. Performs teaching and research activities, organizes accreditations in PF 3.8 and PF 5.13. He develops curricula and teaches in the disciplines "Marketing", "Marketing Management", "Commercial Policy", "International Business", "Management of OHIM", "Strategic Management", "Innovation Management", "Business Communications and Negotiations", "E-Business", "Reengineering", "Complex Reengineering.
2007 – 2010	As an associate professor, he leads the Department of Industrial Business and Entrepreneurship at the University of Food Technology. Performs teaching and research activities, organizes accreditations in PF 3.8 and PF 5.13. He develops curricula and teaches in the disciplines "Marketing", "Marketing Management", "Business Negotiations and Communications", "Risk Management", "Economics and Management of the Enterprise", "European Integration", "Organization and Management of Foreign Trade Policy", "International Economy", "Innovation Management", "Industrial Property", "Strategic and Operational Management", "Basics of Reengineering".

### Work experience

Period	Place of work
2006 – at present	University of Food Technologies – Plovdiv
2013- at present	Institute for Economic Research at the BASc.
2005 – 2006	„Free zone – Plovdiv” AD - co-manager and member of the Management Board
2002 – 2004	"NAPO at the Council of Ministers" - Member of the Management Board
1999 – 2005	"Commercial College – Plovdiv" - Chairman of the Scientific Council and of the Bulgarian Academy of Science, Lecturer
1994 – 1999	Non-profit association "Commercial Economic Education" – Director; "Commercial Institute - Plovdiv" - consultancy and teaching activities.
1991 – 1994	Limited Liability Company "E" - Manager "Holding Business Center - Plovdiv" – Manager
1989 – 1990	"Free Duty Free Zone - Plovdiv" - Head of International Relations and Foreign Trade
1986 – 1989	Ministry of Foreign Trade - Sofia – specialist
1979 – 1985	"May 1st" At Georgi Dimitrov NPC – Plovdiv – Magazine energy, departmental technical inspector of equipment with increased danger; Director of 5 RC of TNTM.

### Accompanying work experience

Period	
2015-at present	Member of the Quality Committee at the IAA of the Council of States;
2008-at present	Member of the Management Board of the BCCI; Member of the Management Board of the Union of Scientists – Plovdiv and Chairman of the Economic Section of the Union
2008- at present	Member of the editorial board and editorial board of the SMS Scientific Papers
2007- at present	Member of the FS of the Faculty of Economics of UFT
2008-2019	Chairman/member of unaoa expert groups in: TU Varna; Vasil Levski National University, Veliko Tarnovo; Tu Gabrovo; University of Sofia, Prof. Dr.Sc.(Econ.) Asen Zlatarov, MD, Burgas;
2004-2018	Member of the National Research and Innovation Council since 2004 (see Minister's Order No RD 1189/16.08.2004) and No RD 09-14-50/17.09.2014
2007-2020	Scientific leader of 13 students successfully defended the PhD degree of which 2 have

	defended diplomas from the University of National and World Education, one is a professor, five are associate professors.
2010-2012	Member of the editorial board of the periodical luxury journal "Food Science Technology and Technology" at UFT;
2016	Member of the Science Fund Committee at UFT according to an order of the Rector of UFT No 327/23.03.2016; Member of the Publishing Council according to an order of the Rector of UHT No 444/18.04.2016;
2007-2011	Member of the Control Board of UFT
2010-2020	Participation in a scientific jury at the University of National and World Economy, The National University of National and World Economy, The University of National and World Economy, the University of National and World Economy, the University of Education and Science,
2003-2014	Lecturer: /2014/EC; /2008/VU MK; /2005/TU Varna, NBU, Pu; /2003/ Plovdiv;
2013	Member of the National Council for Innovation at EE,
2005	"HEROS" Ltd. – consultant in reengineering
2002-2004	Member of the Management Board of NAPOO at the Council of Ministers;
1994-2005	Chairman of the Scientific Council and of the Bulgarian School of Sound Management and Reengineering (BSRU), lecturer and consultant at TI and TK.
1994-2020	Over 140 scientific publications /see The application 1/ in the field of: Reengineering; Entrepreneurship and innovation; Economics and business management; Marketing and Trading;... Author of the theory of complex reengineering. More than 120 citations found.
1989-2020	Aprobers reengineering systems and models in enterprises in the plovdiv region. Initiator and organizer of the scientific and applied forums "Education-Business and Entrepreneurship" held in Plovdiv.
Projects 2010-2020	Initiator and participant in over 10 scientific and applied projects of national importance /see The application 2/.

## PERSONAL SKILLS AND COMPETENCIES

Mother Language	Bulgarian				
	UNDERSTANDING		SPEAKING		WRITING
Other languages	Listening	Reading	Participation in the conversation	Independent oral statement	
Russian	C2	C2	C2	C2	C2
French	B2	B2	B2	B2	B2

**Communication and organisational skills and competences** communication skills and leadership qualities acquired during the work as an entrepreneur, manager in the field of production, trade and education, as well as as head of trade and education units.

**Professional skills and competencies** ▪ *skills for working with process innovations and competencies in quality control, process management, project management, reengineering marketing, teaching and methodological work and working with students and PhD students*

**Computer skills and competencies** ▪ work with Microsoft Office tools™ (Word, Excel, PowerPoint), presentation skills, networking skills, SPSS and Minitab data processing, Bizagi modeling, and more.

**Driving licence** Driving licence, category: B

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## HONORARY TITLES AND AWARDS

- (09.11.2018) Honorary diploma from the BCCI for active and fruitful activity in the training of students in NP 3.8 "Economy" and NP 5.13 "General Engineering", to improve the business practice of industrial enterprises in the field of food industry and tourism industry.
- (2017) Thank you for contributing to the establishment and establishment of the Faculty of Economics at UFT;
- (03.11.2009) Diploma from the Mayor of Plovdiv for essential merit in the field of science, for contribution to the economy and business management in the region, for improving the innovation infrastructure and innovation potential in the city.
- (22.05.1997) Certificate of Honorary Member of RAINP Protocol No 6, item 4. by a decision of the General Assembly of the Academy;
- (08.07.1997) Certificate of merit in science and practice in the field of reengineering and reengineering services;
- (10.01.1997) Certificate from SBS Plovdiv AD, with recognition for supporting the establishment of the SBS and for contributing to the construction of the structure and regimes of operation;
- (14.01.1997) Certificate from the "National Installation Chamber" for high professionalism and for assistance in creating and building the vision of the chamber;
- (16.11.1999) Certificate from The Avius Corporation, representative of Ferrero for successful approbation of reengineering technology;
- (20.12.1999) Certificate from the Nock with Chairman of the Mayor of Sofia Plovdiv as an honorary lecturer in economic disciplines;
- (20.12.1999) Certificate of merit in educational and teaching activities and for socially significant creative activity;
- (22.08.2000) Certificate No 10 for substantial merit in public scientific and entrepreneurial activity in Bulgaria and for contribution to the transition to a market economy;
- (07.12.2000) Certificate from the Commercial Institute - Plovdiv with the title of deserving professor of economics;
- (21.11.2001) Certificate of Honorary Chairman of the Bulgarian School of Reengineering at TK;
- (23.11.2001) Certificate from "Informa Intellect" - Sofia for contribution to the development of Bulgarian companies;
- ( 2004 ) Certificate No 115 from the Center for the Development of Humanitarian Values - Anima for significant contribution to the creation of the national electronic trading platform for industrial companies and exporting companies;
- (2004) Certificate No1/09.12.04 for creativity in the field of economics and agriculture;
- (2006) Certificate No34/ 24.11.2006 from the BCCI on merit in the socio-scientific and entrepreneurial activities in Bulgaria;

### Orientation:

The strategic efforts are aimed at accelerating and sustainable development of the Bulgarian economy, for the appropriate and effective commitment of education, science and business, to promote entrepreneurship and innovation in the field of agriculture, food industry and tourism, and to remove barriers to creative business in order to achieve balanced benefits for business, nature and society.

## **Appendix 1.** Some editions with a monographic character of Prof. D.Sc. B. Hadzhiev

### Some monographs:

1. Hadzhiev, B. (2020 ). "Trade policy / through the prism of complex reengineering /" e-edition with monographic character, reviewers: Prof. M. Dimitrov, Prof. V. Aleksieva, Prof. R. Stamatov, Assoc. Prof. K. Atanasov, Ts. Simeonov, IMN Plovdiv , code 317, ISBN: 978-954-317-196-5, 220 pages;

2 Hadzhiev, B., V. Aleksieva (2020). "The role of process innovations in organic production", AI UFT Plovdiv, ISBN: 978-954-24-0312-8 ", reviewers Prof. A. Alexiev, Assoc. Koev, 156 p. The participation of the authors is as follows: Chapters I, IV, V, the introduction and the conclusion are written by Prof. B. Hadjiev; Chapters II and III were written by Assoc. Prof. V. Aleksieva.

3 Hadzhiev, B. (2019). "Methodology for studying the degree of industrial development of organic producers, based on complex reengineering, reviewers, Prof. M. Dimitrov, Prof. Alexiev, AI UFT Plovdiv, ISBN: 978-954-24-0311-1", 101 pages;

4. M. Dimitrov, R. Ileva, B. Hadzhiev, Ts. Stefanov (2019). "Synergy and competitiveness of Bulgarian enterprises". ISBN 978-954-616-288-5, Gorex Press Publishing House, 334 pages;

5. Hadzhiev, B. ( 2000 ) "Reasonable Management - Reengineering". Reviewers: Academician St. Dichev, Prof. P. Peev, Assoc. Prof. At. Tashev, Assoc. Prof. G. Raichkov, Assoc. Prof. V. Kirchev, TC-Plovdiv ", Anima, Plovdiv, ISBN 954-9752-20-8, 412 pages;

6. Hadzhiev, B. (2012), "Complex reengineering of business organizations in conditions of globalization of the economy (following the example of industrial organizations from XI)". reviewers: Prof. Dr. Lukanov, Prof. Dr. Gribachev, ed. UI UHT, P., ISBN 978 -954-24-0215-2, 310 p .;

7. Lukanov, K Hadzhiev, B. Lukanov, L, K. (2017) Development of the food industry in Bulgaria. (1878-2016) Plovdiv, publishing house IMN P. ISBN 978 -954-317-190-3, 263 pages;

8. Hadzhiev, B. / 1996 /, "The Open Economy - Man and the Market", reviewer Prof. Ognyan Panov. ISBN 954-9752, CRHC Anima, Plovdiv, 128 pages;

9. Hadzhiev, B. ( 2013 ), "Reengineering course / the new theory-complex reengineering /", Prof. At. Damyanov, Prof. D. Gribachev, ISBN 978-954-24-0214-5, UFT, 135 pages;

10 Hadzhiev, B. (2013 ), "Reengineering of e-business," , reviewer Assoc. Prof. K. Atanasov, ISBN 978-954-24-0212-1, UFT Plovdiv;

11. Hadzhiev, B. ( 2012), textbook with a monographic character "Course in marketing management / statics and dynamics through the prism of complex reengineering /", reviewers: Prof. Dr. Lukanov, Prof. Dr. Gribachev, ISBN 978-954-24-0210-7, UFT, 285 pages;

12. Hadzhiev B. ( 2001 ), Complex Reengineering Plovdiv, reviewer Prof. D. Gribachev, CRHC Anima, TC RN№ TC 1a / 106-16, / first part / and / second part / RN№ TC 1b / 106-17, 178 pages

13. Hadzhiev B. (2002), "The possibilities of sound management against the modern challenges of life in Bulgaria", reviewers: Prof. Dr. D. Gribachev et al. from TC Plovdiv, ISBN 954-9752-25-9, CRHC ANIMA Plovdiv;

14. Hadzhiev B. (2004), Bulgarian Entrepreneurship and the Way Forward, reviewers from the National Assembly of the Plovdiv College of Commerce and Assoc. Prof. N. Draganov, ISBN 954-9752-32-1, CRHC Anima, 380 pages.

15. Gribachev, D., B. Hadzhiev (2005), "Optimistic history and theory of entrepreneurship - book one. Truth and Misconceptions in the Modern World ", reviewers from TC Assoc. Prof. L. Rosneva, ISBN 954-9752-42-9, CRHC Anima, Plovdiv, 319 pages.

### Some other monographic publications:

1. Hadzhiev B., Aleksieva V. ( 2012 ), Strategic and operational management. ISBN: 978-954-24-0189-6, UFT, P., 215 pages, of which 178 pages topics from 1 to 14 are written by Prof. Hadjiev, and topics 15 and 16 are written by Assoc. Prof. V. Aleksieva ;

2. Hadzhiev, B. (2020), "Towards models for industrial and social monitoring" "Infobusiness" of BCCI issue 86 / 7.05.2020. ISBN 1314-5320

3. Hadzhiev B., ( 2008 ) "Short course on business communications and negotiations",. ISBN 978-954-24-0140-7, ed. UFT, reviewers proh. Stamatova, Prof. K. Lukanov, 220 pages;
4. Hadzhiev B., (2010) Re-engineering marketing (RM). Pecvnia, Monografico, 6 p., ISBN 1699-9495, <http://www3.unileon.es/pecvnia/pecvnia.Htm>, Scopus;
5. Hadzhiev B., Valentina Nikolova-Alexieva (2019), Exploring the Technological Readiness of Bulgarian Entrepreneurs to Create New Generation of Value-Added Chains, Economic Alternatives, 2019, Issue 4, pp. 582-595, December; DOI: 10.37075/EA.2019.4.07 Citation Index (Web of Science);
6. Hadzhiev B.. (2010), Reengineering systems and models for internationalization of industrial organizations., Journal of Economic Research, ISBN 0205-3292 S., k. 2/2010, 43 pages, Scopus;
- 7 Hadzhiev, B. Valentina Nikolova-Alexieva ( 2009 ), Flexible solutions for re-engineering integration for the integration of ERP systems, Revue de Génie Industriel, ISSN 1313-8871, Web of science;
8. Hadzhiev B., Nikolova-Alexieva V., Bachvarova I. (2018) „ „Creating the Conditions for Broadband Business Entrepreneurship to Ensure Lasting Success for the Bulgarian Society“, Journal of Economic Studies; Issue: 5/2018; Print ISSN: 0205-3292, pp.92-105;
- 9 Hadzhiev, B, I Hadjiev and T. Hadjieva (2016), Challenges for modern entrepreneurship. III of BAS, Economic Research Magazine k. 2, ISBN 0013-2992, S. 2016, Scopus
10. Hadzhiev, B. (2018) Broadband business entrepreneurship as a new technology of complex reengineering, a collection of reports from the Ministry of Industry and Trade, Varna, Science and Economics, University of Economics pp. 64-76, ISBN 978-954-21-0982-2;
11. Hadzhiev, B., (2008) Innovation Management / first edition ISBN 978-954-24-0137-7, UFT, 113 pages;
12. Hadzhiev, B. (2009), European Economic Integration. ISBN 978-954-24-0146-9, UHT, P., 2009, 176 pages;
13. Hadzhiev, B. (2009), Guide for developing a reengineering business plan. ISBN 978-954-24-0136-0, ed. UHT, P., 2009, p.152
14. Hadzhiev, B. (2003), Short course on theoretical foundations of management., CCC Anima and TC. ISBN 954-9752-39-9, 276 pages;
- 15 Hadzhiev, B. (2007), Reengineering course. ISBN 978-954-24-0116-2. UI UHT, P., 2007, 178 pages;
16. Hadzhiev, B. (2004), A Short Course in Industrial Enterprise Economics. ISBN 954-9752-38-0, ЦПХЦ, ТК, БШРУ, КИП, Пловдив, 2004, 292стр;
17. Hadzhiev, B. (2004), Complex reengineering of foreign trade. Ed. BSHRU / ТК, P., 2004, 232 pages;
18. Hadzhiev, B. (2004), Short course on organization and management of foreign trade. ISBN 954-9752-40-2, Plovdiv, 2004, 165 pages;
19. Hadzhiev, B. (2004), Short course on theoretical foundations of management, ISBN 954-9752-39-9 edition of CRHC, TC Plovdiv, BSHRU, KIP, Plovdiv 2004, 328 pages;
20. Hadzhiev B., Risk Management. Darcy 93 with the College of Commerce - Plovdiv, 2000, 112 pages;
21. Hadzhiev, B. and team (1997), Applied Economics and Management. ISBN 954-9752, Published by Anima, "Trade College-Plovdiv", May, 1997, ch. 2,3,4, 1997, 439 pages;
22. Hadzhiev B., (1994), Business - for some business needs. CRHC Anima Publishing House, Plovdiv, 1994, 80 pages;
23. Hadzhiev, B. et al. (2018) CREATING THE CONDITIONS FOR BROADBAND BUSINESS ENTREPRENEURSHIP TO ENSURE LASTING SUCCESS FOR THE BULGARIAN SOCIETY, collection of reports from UNPC, Sofia 2018, UNWE, pp.116-69 ISBN / ISSN: 978-619-7009-12-5 .;
- 24 Hadzhiev, B. et al. (2018) Complex reengineering of business operations - a key factor for successful international business, УХТ Пловдив, Юбелейна научно-приложна конференция: SCIENTIFIC WORKS OF UNIVERSITY OF FOOD, TECHNOLOGIES, 2018, VOLUME 65 ISSUE 1;



25. Hadzhiev, B. et al. (2018) Need for complex reengineering of the tourism business in Bulgaria. collection of reports from MNPk, Varna, Science and Economics UE pp. 76-80, ISBN 978-954-21-0982-2;
26. Hadzhiev (2019 ) "Development of the innovation and investment market for the food industry in Bulgaria", 25 pages, International Scientific Forum "Day of the food industry" under the patronage of the Minister of Agriculture, Food and Forestry, 19.11. 2019, Park Hotel Moscow "Sofia, organized by SHP;
- 27 Hadzhiev, B. (2018) "Some possibilities of complex reengineering for solving two main problems in the development of society", collection of reports of the PMU, Plovdiv, pp.374-358, ISBN / ISSN: 1311-9192; ISBN 2534-9376 (online);
28. Hadzhiev, B. (2017) Two main problems in the development of human civilization. Scientific-applied magazine "Food of the 21st century", issue 4, November ISBN 2535-0072;
29. Hadzhiev, B. (2010) Problems of Entrepreneurship Education in Higher Education, Proceedings of the Scientific Conference "Management and Entrepreneurship" and a round table "Entrepreneurship Education in Higher Education" Technical University, Plovdiv. ISBN 1313-9460;
30. Hadzhiev, B. (2011) Integration through reengineering marketing of GS1, ISO 27001 and intelligent technologies. UHT, book. №3 Journal of Food Science, Engineering and Technology, P., 2011 ISBN 1314-3913;
- 31 Hadzhiev, B. (2013) Development of the Bulgarian economy through complex reengineering. (KR) PPC of UNWE "Prerequisites and opportunities for industrial growth in Bulgaria" dedicated to the 65th anniversary of the Department of Industrial Business at UNWE ISBN 978-054-644-494-3
32. Hadzhiev v, B. (2011) Through complex reengineering (CoR) to the welfare industry. UHT, book. №1 Journal of Food Science, Engineering and Technology, ISBN 1314-3913;
33. Hadzhiev, B. (2008) The complex reengineering-main factor for the development of the Bulgarian food industry in the conditions of globalization of the economy. ISBN 0477-0250, MHPK, YXT;
34. Hadzhiev, B. (2005) The exchange of funds between the companies from the food industry and the market. SA "DA Tsenov", book. 4, ISBN 0861-6604;
35. Hadzhiev, B. (2007) Reengineering Marketing of Food Industry Companies, Scientific Conference with International Participation "Food Science, Equipment and Technologies" UFT, Plovdiv, October 19-20 ISBN 0477-0250;
- 36 Hadzhiev, B. (2012) Opportunities for increasing the economic efficiency of Bulgarian enterprises. Collection of reports on the USB, ISBN 1311-9192, 32 p.
37. Hadzhiev B. (2003), Some truths and misconceptions about the reengineering approach and the role of the Bulgarian school of prudent management. Published by "Plovdiv College of Commerce" CRHC, Anima, Plovdiv, 2003, 24 pages;
38. Hadzhiev B. (2004), Intra-industry corporate interaction (some aspects of corporate interaction in food and Bulgarian policy - answers to questions on this issue), ISBN 954-9752-37-2, CRHC, TC, BSHRU, D, KIP, Plovdiv 2004, 24 pages;

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**Appendix 2.** Some projects with the participation of Prof. D.Sc. B. Hadzhiev  
**1. Projects in 2020**

**1.1. Project title:** "Principles and practices of business entities with lasting influence on Bulgarian society."

Project of the unit "Economics of the company" at ERI of BAS;

Name of the financing organization (institution): ERI of BAS **Project leader:** Prof. D.Sc.

B. Hadzhiev

Participants from the institute: Prof. Dr. M. Dimitrov, Assistant Professor Dr. Galya Taseva

Other participants: Iva Bachvarova, PhD Project period (from 2017 to 2020):

For completed projects: **Some scientific and applied contributions:**

- It is done a review of theoretical aspects of the methods of complex reengineering (CoR), which can be used to study the industrial development of economic entities;
- The use of two reengineering methodologies for research of principles and practices of the business entities for lasting influence on the Bulgarian society is substantiated;
- Criteria for selection of enterprises and for application of the methodology in 7 sectors of the food industry /FI/ have been developed, and it is substantiated why this industry has been chosen;
- A complex indicator for the development of the surveyed enterprises from FI has been determined and a comparative analysis has been made between large ones and SMEs. In order to make the analysis more precise, a concomitant empirical study of some SMEs on the development of their innovation and financial stability has been carried out;
- Based on the evaluation and analysis of the results of the survey, recommendations were made for both SMEs and large enterprises of FI to apply principles and practices for a more lasting and positive impact on Bulgarian society.
- Principles and practices are substantiated and pointed out, which would help the business entities in the conditions of opening the economies to create and strengthen activities bringing balanced benefits for the business, for the nature and for the society.

**1.2. Project title:** "Healthy foods for a strong bioeconomy and quality of life" - National Science Program

Name of the funding organization (institution): Ministry of Education and Science (MES);

**Project leader:** Agricultural University - Plovdiv;

Other participating organizations: Sofia University "St. Kliment Ohridski", Thracian University - Stara Zagora, University of Food Technologies - Plovdiv, ERI of BAS and Institute of Agricultural Economics - Sofia, Agricultural Academy.

Project period: 12.2018 - 12.2021. Annual closing 2019 and 2020

The activities under the Program are carried out in accordance with a partnership agreement concluded between the participants in accordance with the Agreement with the Ministry of Education and Science № D01-204 / 23.11.2018, the Partnership Agreement of the Consortium dated 05.11.2018 (№ 115 / 15.12.2018) and Financial agreement № 01 / 13.12.2018

**Some scientific and applied contributions:** They are indicated in a monographic study by B. Hadjiev /2019/, on the topic "Methodology for studying the degree of industrial development of bio producers, based on complex reengineering, AI UFT Plovdiv, ISBN: 978-954-24 -0311-1 "and by B. Hadjiev and team /2020/ The role of process innovations in bioproduction. UFT, ISBN: 978-954-24-0312-8 chapters 1, 4 and 5, introduction and conclusion.

In the monograph "The role of process innovation in bioproduction", a number of systems and models have been developed, including: Framework system for the development of regional innovation in the bioeconomy /see Scheme 11/, Example model for reengineering assessment of process innovations in the field of ecology /see scheme 19/. The analysis of the model reveals that the main 15 factors in it can form a coefficient of usefulness /significance of innovations in the field of ecology with a maximum value of  $K_3 = 90$ . At a value of 0 it is assumed that the company does not perform innovative activities in the field of ecology, and at a value of 90, that it has implemented all types of innovations in the field of ecology with the maximum degree of novelty. The proposed model for reengineering assessment of environmental innovation can be applied to an individual union, region, company or industry at national, transnational and global levels. In essence, the coefficient of significance can be an index "Ecology BG" for comparison, which will serve as a starting point for management decisions by government and business leaders to ensure sustainability and economic development based on innovation and technological entrepreneurship in the field of ecology/;



### **1.3. Project title: "National Awakeners and I"**

Name of the funding institution: Rotary clubs from Plovdiv

**Project leader:** Assoc. Prof. Kircho Atanasov

Participants from the institute: Prof. D.Sc. B. Hadzhiev with proposing the reengineering methodology and structure for organization of the publication.

Other participating organizations: Rotary clubs "Plovdiv - Puldin", "Plovdiv", "Plovdiv - Filipopol", "Plovdiv - International" and Zonta Club "Plovdiv" under the patronage of the President of the Republic of Bulgaria.

Project period: constant, annually

For completed projects: scientific and applied contributions.

For current projects - **some current results**. By applying by Assoc. Prof. Atanasov the methodology for complex reengineering in the organization of the project (competition at different levels between classes and between schools) are encouraged, activated and stimulated students to acquire knowledge about the activities of prominent Bulgarian personalities and to raise Bulgarian culture and creative spirit. Due to the pandemic on **16.07.2020**, only the individual participation with 189 participants was reported for the edition 2019/2020. The participation was with presentations, stories, poems, drawings in compliance with anti-epidemic measures.

### **1.4. Project title: "Bulgarian entrepreneurship and the way forward"**

Topic during the year "Opportunities for improving the activities of higher education institutions in Bulgaria".

Name of the financing organization (institution): non-investment organization

with the participation of representatives from BCCI, ERI of BAS, USB - Plovdiv, UFT, AU, SA D.A. Tsenov, PU, UNWE.

**Project manager:** Prof. D.Sc. B. Hadzhiev

Participants from ERI of BAS: Prof. B. Hadjiev, Prof. M. Dimitrov

Project period: annually

**Some scientific and applied contributions:** At a round table held on **10.01.2020** at 10.00 in the Horizon Hall of UFT Plovdiv was substantiated "The role of BCCI to improve the activities of higher education institutions in Bulgaria" through the report of the President of BCCI Mr. Ts. Simeonov. Opportunities have been revealed for improving the activity of the higher schools through interaction with the business following the example of UNWE based on a report by Prof. Dr. N. Shterev. The role of the Chamber of Teachers of Higher Education Institutions for improving the organization and quality of education is substantiated according to a report by the President of the Chamber Prof. D.Sc. Borislav Borisov.

### **1.5. Project title: "Bulgarian enterprises 2022-structures, management, policies".**

Project of ERI of BAS ending in 2022

**Project leader:** Prof. Dr. Mitko Dimitrov

Participants from the institute: Prof. D.Sc. Rositsa Chobanova, Prof. Dr. Radka Ileva-Filkova, **Prof. D.Sc. B. Hadzhiev**, Prof. Dr. Radostina Bakardzhieva, Prof. Dr. Spartak Keremidchiev, Chief Assistant Professor Dr. Boris Gurov, Chief Assistant Professor Dr. Ivaylo Yankov, Chief Assistant Professor Dr. Miroslav Nedelchev, Chief Assistant Professor Dr. Nedyalko Nestorov, Assistant Professor Dr. Galya Taseva, Chief Assistant Professor Dr. Tsanko Stefanov (VTU)

Project period: 01.08.2019 - 30.09.2022.

**Some intermediate results** of Prof. Hadjiev's research: Certain aspects of the trade policy of the enterprises are systematized and the necessity of a policy providing balanced benefits for the business, for the nature and for the society is substantiated /see edition Trade Policy through the Prism of Complex Reengineering 2020/. The role of process innovations in the bioeconomy is justified by applying concepts and models for industrial and social monitoring /see The role of process innovations in bio production 2020/. Also, it is proposed a methodology for Reengineering assessment of the entrepreneurial and innovation potential of enterprises with a report at a conference of UNWE 2020.

## **2. Some participations of Prof. Hadjiev in projects completed before 2020.**

### **2.1. Project title: "Synergy and competitiveness of Bulgarian enterprises".**

Project of the "Economics of the company" unit at ERI of BAS

Name of the financing organization (institution): ERI of BAS

**Project leader:** Prof. Dr. M. Dimitrov

Participants from the institute: Prof. Dr. M. Dimitrov, Prof. B. Hadjiev and team

Project period (2015-2018)

**Some scientific and applied contributions:** They are indicated in the monograph of M. Dimitrov, R. Ileva, **B. Hadjiev**, Ts. Stefanov (2019). Synergy and competitiveness of Bulgarian enterprises. ISBN 978-954-616-288-5, Gorex Press Publishing House.

**2.2. Project title:** "Bulgarian Entrepreneurship and the Way Forward".

The topics in the years since 1995 have consistently been with a certain emphasis according to the market situation and the connection between education-science-business.

Name of the financing organization (institution): non-investment organization with the participation of representatives from BCCI, Trade College, Trade Institute, TIO, ERI of BAS, USB - Plovdiv, UFT, AU, SA D.A. Tsenov, PU, UNWE.

**Project leader:** Prof. D.Sc. B. Hadzhiev

Project period: annually

**Some scientific and scientific-applied contributions:** Based on proposals from round tables and conferences through the BCCI, a number of laws have been initiated, which are useful for Bulgarian business and for removing barriers to creative entrepreneurship.

**2.3. Project title:** "Innovation strategy for intelligent specialization in the field of food technology and management in the food and biotechnology industry of Bulgaria", Contract N 14/15-N:

**Project leader:** Assoc. Prof. V. Nikolova-Alexieva

MES project under the Science Fund of UFT with a project duration of 2 years;

**2.4. Project title:** Synergy and competitiveness of Bulgarian enterprises in European context (TC\_09\_0262 - 2009) -2014

**Project leader:** European Higher School of Economics and Management - Plovdiv;

Other participants: PU, ERI

The project is funded by the Research Fund of the Ministry of Education and Science.

**2.5. Project title:** "Main factors for staff evaluation in the food industry (following the example of the canning industry)" - contract N 14/12-N, 16.05.2012/16.05.2013.

**Project leader:** Prof. R. Stamatov;

Participants: Prof. D.Sc. B. Hadzhiev, Assoc. Prof. Alexieva, Assoc. Prof. Kumanova and others.

Project under the Science Fund of UFT with a project duration of 2 years

**2.6. Project BG051PO001-3.3.07- 002 "Student Internships"** with the financial support of the Operational Program "Human Resources Development", co-financed by the ESF of the European Union, 2013,

**UFT coordinator:** Prof. V. Rasheva;

Project of MES - Bulgaria, project duration: 2 years (coordinator Prof. V. Rasheva)

**2.7. Project title:** "Integration strategies and practices in education for more effective development of the food industry and tourism in Bulgaria" - contract N 28/09 - N, 23.03.2009/03.12.2009

**Project leader:** Prof. R. Stamatov;

Participants: Prof. D.Sc. B. Hadzhiev, Assoc. Prof. Alexieva, Assoc. Prof. Kumanova and others.

Project under the Science Fund of UFT with a project duration of 1 year

**2.8. Project title:** "Step towards a new educational future". BG051PO001-4.3.04-0008, 2014/17

The project at UFT was implemented with the financial support of the Operational Program "Human Resources Development", co-financed by the European Social Fund of the European Union.