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("EU practices of education for sustainable development")

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TABLE OF CONTENTS

Yevhen Mishenin,	FACILITATION IN THE MANAGEMENT OF	6
Inessa Yarova	SUSTAINABLE SPATIAL DEVELOPMENT OF	
	FORESTRY	
Yevhen Mishenin,	ENVIRONMENTAL TAXATION IN THE	8
Inessa Yarova	SYSTEM	
	OF SOCIO-ECOLOGICAL AND ECONOMIC	
	SECURITY	
Konoplenko Andrii	ANALYSIS OF THE IT OUTSOURCING	11
1	MARKET: TRENDS AND FORECASTS	
Wenyan Liu	A CITATION AND PUBLICATION	13
	PERFORMANCE ANALYSIS ON INNOVATION,	
	BUSINESS AND DIGITALISATION	
Vladyslav Piven,	THE IMPACT OF DEMOCRACY ON	15
Oleksadra	SUSTAINABLE DEVELOPMENT: A CASE OF	
Karintseva	THE EU	
Raminta	FINANCIAL AND INNOVATION	17
Vaitiekuniene,	PERFORMANCE OF THE COMPANIES IN THE	
Kristina Sutiene,	CONTEXT OF GREEN DEAL TARGETS	
Rytis Krusinskas,		
Bohdan Kovalov		
Artem Borukha,	DISRUPTIVE TECHNOLOGIES TO ENSURE	21
Oleksandr Kubatko	ECONOMIC AND RESOURCE SECURITY OF	
	UKRAINE	
Iryna Burlakova,	THEORETICAL AND INSTITUTIONAL	23
Anastasiya	FOUNDATIONS OF SOCIAL SOLIDARITY	
Kuzchenko,	ECONOMY	
Zumrut Alic		
Chang Shengchun	THE IMPACT OF THE DIGITAL ECONOMY ON	25
	CARBON REDUCTION POTENTIAL	
Mykhailo Chortok	THE ROLE OF SOCIAL SOLIDARITY	29
·	ECONOMY FOR SUSTAINABLE	
	DEVELOPMENT ESTABLISHING	
Yuliia Chortok,	FAIR-TRADE AS A TREND FOR SOCIAL	31
Solodovnyk O.	SOLIDARITY ECONOMY DEVELOPMENT	
Du Shutong	ESG POLICY IN BANKING AND FINANCES	33
O .	SECTOR: CASES OF EUROPEAN COMPANIES	
Gaweł Sołowski	MICROBIAL HYDROGEN PRODUCTION'S	35
	RECENT ACHIEVEMENTS	
Inna Koblianska	TOWARDS PROACTIVE POLICY: A	42
	FRAMEWORK FOR SAFE AND SUSTAINABLE	
	FERTILISER MANAGEMENT	

Yuliia Lukianova	PACKAGE LABELING AND SUSTAINABLE DEVELOPMENT	45
Helena E. Myeya	STAKEHOLDERS' ROLE IN IMPROVING	49
Heiena E. Myeya	SMALLHOLDER FARMERS' RESILIENCE TO	77
	CLIMATE CHANGE EFFECTS IN CENTRAL,	
	TANZANIA	
Anna Shcherbak,	PROJECT-BASED LEARNING AS A METHOD	53
Olena Nazarenko	OF FOREIGN LANGUAGE TEACHING	33
	STRATEGIC MANAGEMENT IN SMALL IT	55
Iryna Sotnyk,	BUSINESS SECTOR	33
Maryna Nikulina Oleksandra Pavliv	VIRTUAL EXCHANGE PRACTICE AS A	57
Oleksanara Pavliv		31
	PROCESS OF DEVELOPING SOCIOCULTURAL COMPETENCE	
171 - 1 - 1 D:		59
Vladyslav Piven,	ECONOMIC GROWTH AND SUSTAINABLE	39
Oleksandr Kubatko	DEVELOPMENT: THEORETICAL ANALYSIS OF	
T . C 11 1	KEY FACTORS	<i>C</i> 1
Tetyana Sakhnenko,	STIMULATING BIOGAS PRODUCTION:	61
Viacheslav	ECONOMIC JUSTIFICATION	
Voronenko		
Iryna Sotnyk	DEVELOPMENT OF REMOTE EMPLOYMENT	64
	AS A RESPONSE TO MODERN SOCIAL	
	CHALLENGES IN UKRAINE	
Iryna Sotnyk,	SHAPING THE DECARBONIZED FUTURE OF	66
Jan-Philipp Sasse,	THE ELECTRICITY INDUSTRY IN UKRAINE	
Evelina Trutnevyte		
Iryna Sotnyk,	COST-EFFICIENT AND GREEN:	70
Tetiana Kurbatova	TRANSFORMING HOUSEHOLD HEATING IN	
	UKRAINE FOR A SUSTAINABLE FUTURE	
Iryna Ushchapovska	FROM THE LANGUAGE THAT SUSTAINS TO	73
	THE LANGUAGE OF SUSTAINABLE	
	DEVELOPMENT	
Vnuchkova	GAMIFYING SUSTAINABILITY EDUCATION	76
Viktoriia,	FOR CULTURALLY DIVERSE CLASSROOMS	
Chulanova Halyna		
Wang Fujin	KEY ELEMENTS OF SUCCESSFUL ESG	79
	POLICY: EUROPEAN EXPERIENCE	
Wang Yimeng	THE IMPACT OF DIGITAL ECONOMY ON THE	81
	EFFICIENCY OF GREEN TRANSFORMATION	
	IN CHINESE CITIES	
Kostiantyn	HARNESSING GENERATIVE ARTIFICIAL	84
Zavrazhnyi,	INTELLIGENCE FOR SUSTAINABLE BUSINESS	
Anzhelika Kulyk	TRANSFORMATION	

Amina Gura,	FUNCTIONING OF THE ENTERPRISE IN THE	87
Oleksandra Kubatko	CONDITIONS OF WAR: SOCIO-ECONOMIC,	
	ENERGY AND ENVIRONMENTAL	
	CONSEQUENCES	
Ding Lin,	ECONOMIC, ECOLOGICAL AND RENEWABLE	90
Oleksandra Kubatko	ENERGY ASPECTS OF PETROCHINA	
	COMPANY ACTIVITY	
Tetyana Sakhnenko,	RESTRUCTURING OF ECONOMIC SYSTEMS IN	94
Oleksandr	THE DIRECTION OF ENSURING SUSTAINABLE	
Ponomarenko,	DEVELOPMENT	
Oleksandr Kubatko		
Jerzy Gilarowski	TOURISM AS A WAY OF DEVELOPMENT AND	96
•	INTEGRATION OF SUB-SAHARAN AFRICA	
Ponomarenko Ihor	ECOLOGICAL TRANSFORMATION: CURRENT	98
	TRENDS IN THE IMPLEMENTATION OF	
	GREEN TECHNOLOGIES	
Pavlo Hrytsenko,	THE ROLE OF VIRTUAL BUSINESS	101
Tao Senlin	ENVIRONMENTS IN "GREEN ECONOMY"	
	ENTITIES	

THE ROLE OF SOCIAL SOLIDARITY ECONOMY FOR SUSTAINABLE DEVELOPMENT ESTABLISHING

Mykhailo Chortok, PhD-student Sumy State University, Ukraine

The quest for sustainable development is the quest not only for the preservation of the environment, but for the simultaneous satisfaction of three objectives: environmental protection, economic efficiency, and social equity.

At the same time, governments and social partners in many countries have started pay more and more attention to economic models, mainly human-oriented Global societal challenges such as the recent COVID-19 pandemic and economic crises have brought into public focus economic models that are well-adapted to withstand shocks and be efficient in key sectors such as health and social services, in addition to other vital economic and social sectors. It is solidarity and social economies that are so innovative types of economic development of society, which are combined within the framework of a single model "Social Solidarity Economy" (SSE).

The Social Solidarity Economy deals with a change process in the economy and development based on the relations between society and the environment that enhances human capacities and highlights the importance of relationships and work. The objective of this study is to approach a definition of the Social Solidarity Economy, to establish some successful experiences in countries worldwide, and to discern the elements that are necessary for its implementation. The conclusion at the end is for establishing a transformation economy that requires the creation of a collective identity, an inclusive economy, the inclusion of the Government and, in general, the support of the market itself [1, 3].

In the context of SSE, building relationships with the community and enhancing local development are integral to its principles. SSE focuses on creating an alternative economic system that prioritizes social and environmental well-being over profit maximization.

To enhance local development within the framework of SSE, it's crucial to foster an environment that encourages cooperation, mutual support, and a shared sense of responsibility among community members. SSE principles emphasize the importance of solidarity, cooperation, and social responsibility, laying the foundation for sustainable and inclusive local development.

Many SSE initiatives prioritize sustainable practices and environmental responsibility. They often promote environmentally friendly production methods, waste reduction, and conservation efforts, contributing to the overall territory sustainability.

The SSE environment welcomes economic activities that take into consideration social impact and not only financial gains. These ecosystems are an evolutionary step forward from standard social enterprises: rather than focusing

solely on promoting a social goal, they involve collaboration and sharing of knowledge and resources between companies, as well as co-design and consultation with citizens and civil society organizations [2, 4].

Unlike conventional large corporations, SSE ecosystems are often local in nature and prioritize improving surrounding social standards. Issues such as democracy, social rights, or sustainable development can become an integral part of their (more) ethical economic activities.

Through a project called "Respond, Rebuild, Reinvent," nine cities from Europe and North America are sharing their work in fostering SSE ecosystems. Cities on both sides of the Atlantic Ocean have different ecosystems, and ways of promoting them. Below, we explore how Dublin, Warsaw, and Barcelona understand and implement this paradigm [2].

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References

- 1. Yaneth P. Romero Alvarez, Eustorgio Amed Salazar, & Jhon J. Feria Díaz. (2021). Social solidarity economy: the road towards an economy of transformation. PalArch's Journal of Archaeology of Egypt / Egyptology, 18(08), 3502-3507. URL: https://archives.palarch.nl/index.php/jae/article/view/9519
- 2. Social ecosystems, impact through solidarity economy (2021) https://eurocities.eu/latest/social-ecosystems-impact-through-solidarity-economy/
- 3. Current trends of economic development. Book 2: EU best practices for sustainable development: A study guide / Edited by Dr., Prof. Leonid Melnyk, Yuliia Zavdovieva. Sumy: University Book, 2022. 608 p. https://essuir.sumdu.edu.ua/handle/123456789/91527
- 4. Economics and Business Innovation: the textbook / Edited by Leonid Melnyk, Oleksandra Karintseva. Sumy: University Book, 2023. 702 p.