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**Article info:**  
**Submitted: June 13, 2024**  
**Accepted: September 15, 2024**  
**UDC – 337.9**  
**DOI – 10.38190/oep.14.2.10**

#### ORIGINAL SCIENTIFIC PAPER

ISSN 1849-7845  
 ISSN 1849-661X

## EVALUATING THE ROLE OF EU FUNDING IN ENHANCING STARTUP GROWTH AND ADDRESSING REGIONAL INEQUITIES

**Abstract:** *Startups drive innovation but face funding and expansion challenges, which EU funding aims to address. A research gap exists in evaluating the long-term performance of EU-funded startups, particularly in measuring growth rates, survival rates, and market expansion. The study investigates the research question: To what extent do EU funding programs impact the growth and sustainability of startups across member states? Research hypothesis: (H1) EU funding significantly improves the growth and sustainability of startups, and (H2) significant regional disparities exist, with Northern and Western Europe benefiting more than Eastern and Southern regions. Both hypotheses were confirmed. A quantitative methodology using secondary data sources assessed performance indicators before and after funding. EU funding positively influences startup growth, improving revenue, employment, and sustainability but with persistent regional disparities. The study's limitations include limited qualitative insights, while recommending region-specific EU funding strategies for balanced growth.*

**Keywords:** *EU funding; startup growth; regional inequalities; sustainability.*

**JEL Codes:** *O16, R11, L26*

### 1. Introduction

Startups often rely on funding to drive innovation, overcome initial challenges, and accelerate growth, making financial support a critical factor in their long-term success and sustainability. On the other hand, funding as a key instrument for fostering regional economic development, reducing disparities, and supporting entrepreneurial ecosystems is a long-term priority for the European Union (EU). EU funding plays a significant role in supporting startups and entrepreneurial activities across Member States. Financial instruments provided by the EU aim to foster innovation, competitiveness, and economic development among small and medium-sized enterprises (SMEs). The goal of EU structural and cohesion funds is to stimulate economic growth by providing financial resources to underdeveloped regions, supporting both infrastructure projects and small business development initiatives. These crucial policies are important in addressing regional inequalities and enhancing the growth capacity of startups, which are often seen as drivers of innovation and job creation.

### 2. Literature review

A startup is commonly understood as a new, active, and independent business entity defined as a young company founded to develop a unique product or service, bring it to market, and make it attractive to customers. Kane (2010) emphasizes three key criteria: the company's recent establishment, its operational status, and its independence from existing firms. Therefore, startups are often characterized by innovation, a scalable business model, and a high degree of uncertainty in their early stages of operation. On the other hand, Skala (2018) defines a startup as a manifestation of innovative entrepreneurship resulting from digital, social, and economic shifts. Meanwhile, Cockayne (2019) highlights the methodological challenges of defining a startup, emphasizing its dynamic and evolving nature. Ehsan (2021) further describes a startup as a business primarily characterized by innovation and growth potential. Another perspective defines a startup as a temporary organization designed to search for a repeatable and scalable business model, highlighting its experimental and growth-oriented nature (Blank,

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2013). Additionally, startups are often characterized by their innovative approach, aiming to develop disruptive products or services. They are typically in the initial stages of development, susceptible to various external influences, and must think strategically about their operations (Paternoster et al., 2014).

Research highlights the complex effects of EU funding on regional growth and startup development. Studies such as Fidrmuc et al. (2019) indicate that EU structural and cohesion funds positively affect regional economic growth, though the impact varies significantly between member states, with stronger effects observed in newer EU members. Similarly, Fidrmuc et al. (2023) found positive growth effects from EU funding, emphasizing the importance of spillover benefits to neighboring regions. However, some findings suggest a more complex picture. Breidenbach (2017) found no significant positive effects of structural funds on economic growth, suggesting that highly funded regions often face structural challenges that impede effective utilization of funds. On the other hand, Mohl and Hagen (2010) noted that payments specifically could drive regional economic growth, indicating the importance of targeted fund allocations. EU funding for startups is primarily aimed at overcoming financial barriers faced by early-stage businesses. Zavadská (2021) highlighted that the EU has implemented the Startup Nations Standard to simplify registration and provide effective support services to startup founders. Pisár, Ďurčková, and Stachová (2020) found that public support significantly boosts private investment in business R&D funding, highlighting a positive correlation between state aid and innovation performance. Key funding sources for startups include the European Regional Development Fund (ERDF), the European Social Fund (ESF), venture capital, business angels, crowdfunding, and public grants. Kobelia-Zvir (2024) emphasized the role of the Seeds of Bravery program funded by the European Innovation Council, providing grants up to 60,000 euros to support startups during challenging times. Šoltésová (2022) further noted that venture capital plays a significant role in supporting high-growth startups but requires more streamlined funding mechanisms.

Despite these opportunities, several challenges remain. Pisár et al. (2020) highlighted that while public support drives innovation, some businesses still face barriers such as complex administrative procedures and limited access to capital. Batrancea et al. (2022) highlighted that business angels and public grants positively influence economic

growth across EU countries, emphasizing the need for targeted policies. The funding landscape for European startups is characterized by a diverse range of capital sources, with venture capitalists providing the largest share of funding (55%), followed by corporate investors (20%), government grants (15%), and crowdfunding alongside other alternative sources (10%) (Statista, 2023). This distribution aligns with theoretical perspectives on entrepreneurial finance, which highlight the critical role of diversified funding channels in enabling startups to access essential resources for innovation, market entry, and long-term sustainability (Cumming & Johan, 2017; Kerr & Nanda, 2015). Isenberg and Onyemah (2016) explored the relationship between startups and economic growth, highlighting how fostering supportive scaleup ecosystems can drive regional economic performance by providing necessary policy interventions and ecosystem support. Also, Kofanov and Zozulov (2018) stress the importance of technological startups as drivers of economic growth in Europe, emphasizing their contribution to innovation and productivity. Similarly, Kane (2010) argues that startups are crucial for job creation, asserting that new firms are responsible for most net employment growth in the U.S., underscoring the economic importance of supporting entrepreneurial activity. Meanwhile, Westlund and Olsson (2011) find a positive correlation between the number of startups and regional economic development in Sweden, pointing to the local benefits of entrepreneurial activity. Likewise, Audretsch and Keilbach (2008) explore the concept of knowledge spillover entrepreneurship, emphasizing that the diffusion of knowledge through startups can significantly impact economic productivity and growth.

### 3. Data and methodology

The methodology applied in this study was carefully chosen to evaluate the impact of EU funding on startup growth and sustainability while addressing regional disparities. The decision to utilize this model was guided by its robustness in assessing longitudinal economic effects and its ability to incorporate diverse datasets, including funding allocation patterns, startup growth metrics, and regional economic indicators. The model builds upon established methodologies used in prior studies examining the relationship between public funding and regional development. Studies such as Fidrmuc et al. (2019) and Mohl and Hagen (2010) informed the structure of the analysis, particularly the use of secondary data to explore the spillover effects of EU funding on economic



*Table 1: Summary of Key Findings from the Literature Review (Author, based on the most relevant sources used)*

Source	Key Findings
Kane (2010)	Startups drive job creation and economic growth, with new firms accounting for most net employment growth.
Skala (2018)	Defines startups as manifestations of innovative entrepreneurship arising from digital, social, and economic shifts.
Cockayne (2019)	Emphasizes the dynamic and evolving nature of startups, posing methodological challenges in defining them.
Blank (2013)	Highlights startups as temporary organizations aiming to discover repeatable and scalable business models.
Fidrmuc et al. (2019)	EU structural funds positively affect regional economic growth, with stronger impacts observed in newer EU members.
Mohl and Hagen (2010)	Targeted EU payments can drive regional growth, stressing the importance of effective fund allocation.
Zavadska (2021)	EU's Startup Nations Standard simplifies startup registration and provides support services for founders.
Pisár et al. (2020)	Public support boosts private investment in R&D, linking state aid to innovation performance.
Kobelia-Zvir (2024)	EU's Seeds of Bravery program supports startups with grants during challenging times, up to €60,000.
Šoltésová (2022)	Venture capital significantly supports high-growth startups but requires more efficient funding mechanisms.
Angelopoulos & Makris (2022)	EU grants enhance short-term startup growth but show varied long-term effects.
Kramer & Phillips (2022)	Highlights regional disparities in EU funding, with Southern and Eastern Europe receiving less but using funds efficiently.
Johnson & Rivera (2023)	EU funding increases startup global competitiveness and operational capacity.
Henriques et al. (2022)	Regional Disparities in EU Fund Utilization

growth. Similarly, Kramer and Phillips (2022) provided insights into evaluating disparities in fund allocation, which were directly relevant to our research questions.

The concept of using secondary data from reliable sources (e.g., European Commission reports, OECD databases, and Statista) aligns with the approaches seen in Henriques et al. (2022) and Angelopoulos and Makris (2022), which successfully employed such data to assess funding efficiency and economic outcomes. This method ensures consistency with established practices while addressing the specific needs of this study. The decision-making process involved evaluating the suitability of available methodologies for measuring both direct and indirect impacts of funding. Models emphasizing longitudinal analysis and comparative regional assessment were prioritized due to their relevance in exploring disparities. For instance, the empirical strategy mirrors approach used by Fidrmuc et al. (2023) to highlight spillover effects and by Pisár et al. (2020) in linking state aid to innovation performance.

In summary, the model's development was influenced by its proven effectiveness in related research and its alignment with the study's objectives. By leveraging a combination of established methodologies and adapting them to the specific research questions, this study ensures methodological rigor and relevance to scholarly discourse.

### 3.1. Research goal and research questions

EU funding provides a critical foundation for startups, supporting innovation and regional development. However, improving accessibility, reducing bureaucracy, and ensuring effective monitoring are necessary to maximize the impact of these financial instruments. The theoretical frameworks and empirical findings discussed highlight both the benefits and challenges of EU funding mechanisms in fostering a dynamic entrepreneurial ecosystem therefore the main research question of the study is: "To what extent do EU funding programs impact the growth and sustainability of startups across member states?" The secondary research questions are: Are there notable regional disparities in the allocation and impact of EU funding? and, what specific factors contribute to the success or failure of startups receiving EU support? Research goal is to evaluate the effectiveness of EU funding programs and provide actionable recommendations to improve their design and implementation. Based on the research questions and objective the following two hypotheses were created:

Hypothesis 1 (H1): EU funding programs significantly improve the growth and sustainability of startups across member states, as measured by growth rate, survival rate, and market expansion.

Hypothesis 2 (H2): Significant regional disparities exist in the allocation and impact of EU funding, with startups in Northern and Western Europe benefiting more than those in Eastern and Southern Europe.

### 3.2. Research methodology

The research combines quantitative data analysis using secondary sources to assess the impact of financial support on startup growth, survival rates, and regional disparities in funding allocation.

The research was conducted using secondary data sources to explore the impact of EU funding on startup success, sustainability, and regional disparities. The study examined various articles, reports, and datasets from key databases, including Google Scholar, Scopus, Web of Science, the European Commission Portal, EBSCO Database, Eurostat, European Commission Reports, OECD Data, and Statista (Table 1). These databases provided diverse resources, including statistical data, policy reports, and peer-reviewed articles

that highlight the effectiveness of EU financial instruments and regional funding patterns. Keywords such as “EU funding impact on startups,” “Startup growth in EU regions,” “EU financial instruments for startups,” and “Regional disparities in EU grants” were used to locate relevant literature. Collectively, these sources emphasize both the positive short-term effects of EU funding on startup growth and the persistent regional inequalities in funding allocation and long-term sustainability.

Based on the conclusions drawn from Table 2, it is evident that EU funding has a positive influence on startup survival, innovation capacity, and global competitiveness. This positive impact has been consistently demonstrated across multiple studies. However, significant regional disparities persist, with Southern European regions receiving fewer grants but utilizing them efficiently (Svitlyshyn et al., 2024).

While EU-funded startups frequently exhibit improved short-term growth and enhanced R&D performance, their long-term sustainability varies significantly depending on the region and industry (Henriques et al., 2022). This variability highlights the need for more targeted allocation strategies to ensure consistent and long-lasting benefits from EU funding programs. Policy adjustments aimed

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*Table 1: Overview of the most relevant databases and keywords that were used  
(Author, based on the most relevant sources used)*

Database	Keywords searched	Number of resources found
Google Scholar	EU funding impact on startups, Effectiveness of EU funding for entrepreneurship, Startup growth in EU regions	500+
Scopus	EU financial instruments for startups, EU regional funding disparities, Startup sustainability EU	300+
Web of Science	EU funds and startup success, Financial support for entrepreneurs EU, EU funding analysis	200+
European Commission Portal	EU funding programs, Startup impact reports, EU financial aid data	150+
EBSCO Database	EU startup funding, Regional disparities in EU grants, Entrepreneurial support EU	250+
Eurostat	Statistical data on EU startups, Startup survival rates in EU regions, Business growth metrics EU	180+
European Commission Reports	Horizon Europe funding impact, COSME program effectiveness, EU regional development funds	100+
OECD Data	OECD startup data, Comparative metrics on startup growth and survival, Entrepreneurship success OECD	120+
Statista	EU startup statistics, Entrepreneurship trends in EU, Funding allocation and business growth data	80+



at reducing regional imbalances and enhancing long-term entrepreneurial sustainability remain essential for maximizing the overall impact of these funding initiatives (Pató et al., 2023).

Further research emphasizes the uneven regional distribution of EU innovation funding, with a tendency to concentrate funding in more developed regions, thereby reinforcing pre-existing economic disparities (Schoenberg, 2018). For example, an evaluation of the 2007–2013 EU funding programs in Romania and Bulgaria identified mixed success in promoting economic convergence, as certain regions continued to lag behind despite substantial financial allocations (Schoenberg, 2018).

Recent analyses have also identified persistent and widening disparities in the allocation of Horizon Europe funds, where wealthier regions tend to capture a disproportionate share of the benefits (Pató et al., 2023). This underscores the necessity for policy reforms that prioritize equitable distribution of financial resources across all regions.

In addressing these disparities, mentorship initiatives such as the ENTRPRENEDU project have aimed to reduce innovation gaps across EU regions. This program provides structured entrepreneurial guidance with the objective of creating

a highly replicable and scalable Venture Building Program designed for the European entrepreneurial ecosystems. The program's success will be validated in three different educational institutions by the end of the project (Singer-Coudoux et al., 2024). Lastly, structural funding programs, including the European Regional Development Fund, have demonstrated mixed efficiency in reducing disparities. These programs often favor regions with pre-established R&D infrastructures, further highlighting the need for better strategic planning in the allocation of EU funds (Henriques et al., 2022).

The table 3. provides a breakdown of the primary sources of financial support for startups in Europe during 2023 – 2024. Venture capitalists (VCs) account for the largest share of funding, contributing 55% of the total capital. This dominance suggests that professional investment firms focusing on high-growth potential startups play a crucial role in financing innovation and expansion within the European startup ecosystem. VCs often bring not just capital but also strategic mentorship and networking opportunities to help startups scale. Corporate investors make up 20% of the total funding, highlighting the increasing involvement of established companies in supporting entrepreneurial ventures. This investment

*Table 2: Key studies on the impact of EU Funding on Startups and major academic contributions (Author, based on the most relevant sources used)*

Source(s)	Year	Name of the Article	Conclusion
European Commission Report	2023	Evaluation of EU Funding Programs: Horizon Europe and Regional Development	EU funds positively impact startup survival and innovation capacity.
Angelopoulos, T., & Makris, P.	2022	Assessing the Long-Term Impact of EU Startup Grants: A Comparative Study	EU grants support short-term growth but show varied long-term effects.
Rodríguez, L., & Smith, J.	2021	Financial Support and Innovation in Startups across EU Regions	Funded startups exhibited stronger R&D outcomes and technological advancement.
Martin, D., & Coelho, R.	2021	Regional Disparities in EU Fund Allocation: An Empirical Analysis	Disparities exist, with Southern Europe receiving fewer grants but showing efficient use.
Kramer, A., & Phillips, B.	2022	Longitudinal Study on EU Funding and Entrepreneurial Growth (2015-2022)	Long-term sustainability after funding varies across regions and industries.
European Investment Bank (EIB) Report	2022	Impact of EU Seed Capital Programs on Startup Ecosystems	Positive short-term growth observed; long-term effects require further policy adjustments.
Andersson, S., & Lund, J.	2023	EU Innovation Funds and Startup Performance Metrics	Innovation capacity significantly increases with funding but regional disparities persist.
Johnson, K., & Rivera, P.	2023	The Role of EU Financial Instruments in Startup Competitiveness	EU funding improves global competitiveness but requires better allocation strategies.

*Table 3: Main Funding Sources for European Startups (2023-2024) (Statista <https://www.statista.com/statistics/1218766/capital-sources-european-startups/>)*

Funding Source	Share of Total Funding (%)
Venture Capitalists	55%
Corporate Investors	20%
Government Grants	15%
Crowdfunding & Other Sources	10%

often occurs through partnerships, acquisitions, or corporate venture arms, as companies seek to access disruptive technologies, innovation pipelines, and emerging markets. Government grants contribute 15% of the total funding, reflecting public sector efforts to foster innovation, especially in areas with significant societal impact or market gaps. These grants can be vital for early-stage startups working on groundbreaking technologies or projects with long-term development timelines. Crowdfunding and other sources, such as angel investors and family offices, account for the remaining 10% of the funding pool. This category reflects alternative financing channels where smaller investors or community-driven support help startups raise capital, often in exchange for equity or rewards. Overall, the data reveals that venture capital remains the leading driver of startup financing in Europe, followed by a diverse mix of corporate funding, public support, and alternative investment channels. This balanced funding landscape provides both growth capital and opportunities for early-stage innovation, contributing to a dynamic startup ecosystem.

*Table 4: Venture capital investments in European startups (2023-2024) (Dealroom (<https://dealroom.co/guides/europe>))*

Metric	Value
Total Investment (2023)	\$47 billion
Total Investment (2024 - Projected)	\$45 billion
Number of Funding Rounds	Over 9,000

The table 4 provides insights into the scale and trends of venture capital (VC) activity across Europe during 2023-2024. In 2023, total venture capital investment in European startups amounted to \$47 billion, indicating significant financial backing for entrepreneurial ventures.

However, a slight decline is projected for 2024, with total investment expected to reach \$45 billion. This decrease may reflect broader market adjustments, economic uncertainties, or a shift in investor strategies after a period of heightened investment activity in previous years.

The number of funding rounds in this period exceeded 9,000, highlighting the dynamic nature of the startup ecosystem and the continuous flow of capital into new and expanding ventures. Overall, while venture capital activity remains strong, the projected decline in total investment suggests a potential cooling in the market or a more selective approach to funding. The steady number of funding rounds, however, indicates that investor interest in European startups remains robust, emphasizing the region's continued attractiveness for innovation and business expansion.

*Table 5: Regional Innovation Disparities in the EU (2023-2024) (European Commission Regional Innovation Report (2024) – (<https://ec.europa.eu>))*

Region	Innovation Performance
Northern EU States	Above EU average
Southern EU States	Average
Eastern EU States	Below average
Western EU States	Above average

The table 5. presents an overview of the varying levels of innovation performance across different regions within the European Union, based on the European Commission Regional Innovation Report (2024). Northern EU states are identified as performing above the EU average in innovation, reflecting strong research and development capacities, advanced technological infrastructure, and supportive government policies that encourage innovation-driven growth. Countries such as Sweden, Denmark, and Finland exemplify this high performance. Contrary, Southern EU states, including countries like Spain, Italy, and Greece, demonstrate average innovation performance. While these countries show moderate progress, they may face challenges in scaling innovation efforts due to limited resources or structural barriers. Eastern EU states, such as Poland, Romania, and Bulgaria, are reported to have below-average innovation performance. This lower standing could be attributed to factors like reduced investment in research and development, limited access to cutting-edge technologies, and structural challenges within the innovation ecosystem.



Western EU states, including Germany, France, and the Netherlands, show above-average innovation performance. This can be linked to their well-established industries, significant public and private investments in innovation, and a strong presence of leading research institutions. Overall, the table underscores significant regional disparities in innovation across the EU, with Northern and Western regions leading while Eastern regions lag behind. Addressing these gaps will require targeted policies and strategic investments to ensure balanced innovation growth across all parts of the European Union.

*Table 6: Number of Investments in European Startups from 2017 to 2024 (Statista <https://www.statista.com/statistics/763156/number-of-investments-in-start-ups-in-europe/>)*

Year	Number of Investments
2017	~4,000
2018	~5,000
2019	~6,000
2020	~7,000
2021	~8,000
2022	~8,400
2023	~7,500
2024 (Projected)	~7,200

The table 6. indicates a general upward trend in startup investments from 2017 to 2022, growing steadily from approximately 4,000 to a peak of around 8,400 in 2022. This growth reflects increased investor confidence, favorable market conditions, and rising interest in innovative technologies. However, the trend shifts in 2023, with investments decreasing to approximately 7,500, followed by a projected decline to around 7,200 in 2024. This decline may reflect market corrections, economic uncertainties, or reduced risk appetite. While investment activity remains significant, the slowdown after the peak suggests possible stabilization or caution in the investment landscape.

#### 4. Results and discussion

This section elaborates on the findings related to the impact of EU funding programs on startups and regional disparities in funding allocation. Hypothesis 1: EU funding significantly improves the growth and sustainability of startups was confirmed. According to the European Commission

(2023), startups supported by Horizon Europe and regional development funds exhibited improved survival rates and greater innovation capacity. The European Investment Bank (2022) further confirmed that EU seed capital programs contribute positively to short-term growth, while long-term effects show some variability across regions.

To sum up, the analysis indicates that funded startups experience elevated growth rates due to increased capital access, particularly in innovation-driven industries (European Commission, 2023). Survival rates among funded startups were also shown to be higher, as demonstrated by research from Andersson and Lund (2023) and Angelopoulos and Makris (2022), which compared funded and non-funded startups. Additionally, Johnson and Rivera (2023) highlighted how EU funding programs foster global competitiveness by enabling startups to access broader markets and expand their operational capacity. While the positive trends are evident, the impact's magnitude varies according to the duration of funding and the economic maturity of the region. Kramer and Phillips (2022) noted that short-term growth was apparent, but long-term sustainability was inconsistent across different regions, suggesting the need for a more nuanced funding approach.

Hypothesis 2: The second hypothesis examined whether significant regional disparities exist, with Northern and Western Europe benefiting more than Eastern and Southern regions. The findings support this hypothesis, as both quantitative and qualitative data reveal disparities in funding allocation and impact. The European Commission (2024) highlights that Northern and Western Europe outperform their Southern and Eastern counterparts in innovation metrics and overall funding reception.

Martin and Coelho (2021) and Pató et al. (2023) reported that Northern and Western Europe receive a larger share of EU innovation funding, while Southern and Eastern regions, despite greater economic needs, receive less. Henriques et al. (2022) noted that regions with stronger R&D infrastructure use funds more effectively, leading to better innovation results and greater economic benefits.

To address these disparities, several policy implications emerge. Targeted funding policies should be implemented to support underperforming regions, particularly in Eastern Europe. Additionally, mentorship and capacity-building initiatives, such as the ENTREPRENU project (Singer-Coudoux et al., 2024), have been identified as effective strategies for enhancing the absorptive



capacity of less developed regions. The findings confirm that EU funding significantly influences startup growth, survival rates, and market expansion while exposing significant regional disparities in allocation and outcomes. Addressing these disparities through balanced allocation frameworks, improved mentorship, and enhanced long-term impact assessments is crucial for ensuring equitable economic growth across the EU.

The analysis strongly supports both hypotheses. Hypothesis 1 (H1) is confirmed by evidence showing a positive link between EU funding and key startup success factors, such as growth, survival rates, and market expansion, indicating that EU support boosts startup performance and sustainability (European Commission, 2023; European Investment Bank, 2022; Andersson & Lund, 2023; Angelopoulos & Makris, 2022; Johnson & Rivera, 2023).

Hypothesis 2 (H2) is also supported, with data revealing significant regional differences in funding distribution and impact. Northern and Western Europe receive more funding and achieve better results than Southern and Eastern regions, highlighting unequal allocation and effectiveness (Martin & Coelho, 2021; Pató et al., 2023; Henriques et al., 2022).

## 5. Conclusion

The research questions investigated in this study were designed to explore the extent to which EU funding programs impact the growth and sustainability of startups across member states, whether there are notable regional disparities in the allocation and impact of EU funding, and the specific factors contributing to the success or failure of startups receiving EU support. The hypotheses validated included the proposition that EU funding significantly improves the growth and sustainability of startups across member states and that significant regional disparities exist in the allocation and impact of EU funding, with Northern and Western Europe benefiting more than Eastern and Southern Europe.

The research findings reveal a significant positive impact of EU funding on the growth and sustainability of startups across member states. Funded startups demonstrate higher growth rates, increased revenue, greater employee numbers, and better survival rates compared to non-funded counterparts. However, these benefits are not uniformly distributed across the EU, with Northern and Western Europe experiencing greater

success due to superior infrastructure, stronger innovation ecosystems, and easier access to complementary financial support. Structural barriers in economically weaker regions, such as complex administrative processes, limited mentorship opportunities, and restricted access to R&D resources, continue to hinder growth potential.

To address the issues identified, the following recommendations are proposed. Targeted regional investments should be developed to address the needs of underdeveloped regions, emphasizing infrastructure improvements and mentorship programs. Administrative procedures should be simplified to reduce bureaucratic complexity and improve accessibility for all regions. Capacity-building initiatives should be region-specific, including mentorship programs and resource-sharing opportunities. Long-term impact monitoring should be introduced with standardized performance metrics to assess the sustainability and success rates of funded startups. Finally, enhanced collaboration through cross-regional knowledge-sharing should be encouraged to balance disparities and improve overall funding efficiency.

Several limitations emerged in this research. The availability and consistency of data across member states posed challenges, as not all regions provided uniform metrics for analysis. Additionally, the focus on quantitative data limited insights into qualitative aspects, such as personal experiences of entrepreneurs and contextual policy differences.

Future research should expand by incorporating qualitative methodologies to capture entrepreneurs' experiences with EU funding mechanisms. These insights would complement quantitative data, offering a wider understanding of barriers, enablers, and regional challenges. Comparative analyses of EU regions with different funding structures are vital to identify best practices and tailor approaches for underdeveloped regions. Longitudinal studies tracking startups' growth and survival rates will also provide evidence of the long-term impacts of funding. Research on industries like green energy, digital technology, and healthcare can highlight how funding strategies drive innovation and growth in high-potential sectors. Additionally, adaptive policy frameworks and mentorship programs should be explored to address regional disparities and ensure funding mechanisms evolve with entrepreneurial needs. These recommendations aim to deepen understanding of EU funding impacts while informing policies that support equitable, sustainable, and



innovative entrepreneurial ecosystems across diverse regions.

The key takeaway from this research is that EU funding significantly enhances startup growth and sustainability across member states but reveals regional disparities in outcomes. Targeted invest-

ments, simplified administrative processes, and capacity-building initiatives are crucial for a more equitable impact. Also increased monitoring of long-term impacts is needed in order to ensure funding sustainability across regions.

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