AI Expert Report:
The Multi-Faceted Career of **Bojan Lipovšćak** – A Profile in Science, Technology, and Governance

I. Executive Summary: The Profile of a Polymath

Bojan Lipovšćak represents a rare professional profile, characterized by successful and long-standing leadership across deeply technical scientific fields, commercial information technology management, and highly regulated international sports governance. His career, spanning over four decades , demonstrates a consistent capacity for operational management, policy formulation, and the application of rigorous technical standards across vastly different organizational environments.

Synthesis of Professional Trajectories

Lipovšćak's professional life is structured around three core pillars. The first pillar is his scientific foundation in meteorology, culminating in a Ph.D. from the University of Zagreb and senior advisory roles within the Croatian Hydrometeorological Institute (DHMZ) and the World Meteorological Organisation (WMO). The second pillar involves his leadership in the technology sector, including pioneering Geographic Information System (GIS) implementation in Zagreb and serving as the Managing Director of a U.S.-based software subsidiary, Platinum Technology. The third, concurrent pillar is his extensive involvement in international figure skating administration, where he transitioned from a competitive athlete to a judge, referee, and member of the International Skating Union (ISU) Disciplinary Commission.
His most recent professional chapter involves leveraging this accumulated credibility as a Weather Forecaster and Presenter at TV N1, an exclusive CNN news channel affiliate, since 2021. This current role allows for the practical application and public communication of the expertise accumulated over his comprehensive career.
The following table provides a chronological summary of his major professional, academic, and administrative achievements, illustrating the density and interdisciplinary nature of his involvement.

Table 1: Bojan Lipovšćak – Chronology of Major Professional and Academic Milestones

	Year(s)	Domain	Role / Achievement
	1962–1967	Sports (Figure Skating)	Three-time Senior Champion of Yugoslavia (Competitor)
	1968	Academics	Entered University of Natural Sciences, Department of Physics, Zagreb
	1974	Academics / Meteorology	Graduated; Began work at Republic Hydrometeorological Institute
	1979–1987	Applied Science	Head, Center for Hail Suppression, Hydrometeorological Institute of Croatia
	1986	Academics / Research	Ph.D. awarded; K.S. Krishnan Memorial Award for paper on cloud classification
	1987–1995	Technology / Government	Managing Director, GZAOP (Computer Center of Zagreb), responsible for GIS
	1995–2005	IT Management	Managing Director, Platinum Technology d.o.o., Croatia; President's Club Award (1999)
	2005–2015	Meteorology / Policy	Senior Advisor at DHMZ; Focal Point for European integration and WMO/EUMETSAT projects
	2016	Scientific Recognition	WMO Award for contribution to Commission for Basic Systems (CBS)
	2021–Present	Media / Public Service	Weather Forecaster and Presenter at TV N1

II. Academic Foundations and Foundational Meteorological Career (1968–1987)

Bojan Lipovšćak's professional authority is rooted in a rigorous academic trajectory within geophysics and meteorology at the University of Zagreb. His educational path established a critical link between theoretical physics, numerical methods, and applied computational science, which later became the foundation of his diversified career.

A. Higher Education and Theoretical Grounding

Lipovšćak began his university studies in 1968, enrolling in the Department of Physics at the University of Natural Sciences. He graduated in 1974 from the Department of Geophysics and Meteorology, immediately commencing work at the Republic Hydrometeorological Institute of Croatia in the weather prediction department.

His post-graduate studies focused on computational meteorology, which was a nascent and rapidly evolving field at the time. He completed his Master of Science thesis in December 1978, titled: The comparison of several methods for calculation of pressure gradient force in the sigma coordinate system. This research is highly specialized, dealing with the fundamental mathematical challenges of accurately modeling atmospheric dynamics within complex numerical weather prediction (NWP) models, particularly concerning the vertical coordinate system (\sigma-coordinates) used to better represent terrain.

B. Ph.D. Research: The Computational Edge

The terminal degree of his academic work was a Doctor of Physics, awarded in 1986. His doctoral thesis was titled: Automatic cloud classification based on numerical satellite data.
The successful completion of this doctoral work holds significant meaning for the trajectory of his entire career. The field of automated classification, particularly using numerical satellite data, requires high-level proficiency in signal processing, pattern recognition, remote sensing, and large-scale data management. This specialization in computational physics and automated data systems provided the critical intellectual hinge that enabled him to bridge the gap between academic research and the demands of the emerging information technology sector. His recognized expertise in satellite data analysis and Geographic Information Systems (GIS) later became marketable skills in both government and corporate settings.
The quality of this research was affirmed by external recognition; for the published paper "Automatic Cloud Classification" in the IETE Technical Review (June 1986), he received the K.S. Krishnan Memorial Award—1986.

C. Applied Science: Operational Meteorology and Weather Modification

Concurrently with his academic progression, Lipovšćak maintained a focus on high-impact applied meteorology. Since 1979, he served as the head of the Center for Hail Suppression within the Hydrometeorological Institute, dealing specifically with methodological development, radar meteorology, and techniques aimed at influencing weather processes. This role demanded not only a deep scientific understanding but also sophisticated management of operational resources, including critical weather radar systems, which are listed as core skills in his professional profile.
His international collaboration in applied weather modification was highlighted by his involvement as a project team member in the INTERACT project, sponsored by the UNDP, UNFSST, and the Government of India, during periods in 1983 and 1984 in Secunderabad, India. This early international technical advisory role laid the groundwork for his later involvement with major global meteorological organizations.
The ability to develop and implement automated pattern recognition algorithms for complex cloud data, as proven in his Ph.D. work, provided the specific high-level computational and data management competence required to oversee the Center for Hail Suppression, which relies heavily on the real-time processing of weather radar data for operational decisions. This comprehensive expertise in data organization and computational efficiency was precisely what allowed him to transition seamlessly from a state-run research environment into high-level IT management, capitalizing on the rising demand for sophisticated data systems in the late 1980s.

III. The Technocratic Era: IT Management and Global Policy (1987–2015)

The mid-career phase of Lipovšćak is marked by a significant shift toward technology management and international policy administration, demonstrating his strong managerial skills and capacity to navigate complex business and diplomatic environments.

A. Technology Leadership and Commercial Success

Following his work in applied meteorology, Lipovšćak transitioned fully into informatics. From 1987 onward, he joined GZAOP, the Computer Center of the city of Zagreb, acting as Managing Director responsible for the implementation and oversight of the city's Geographic Information System (GIS). This centralized data management system was vital for urban planning and infrastructure oversight during a period of national transition, requiring exceptional skill in databases, management, and GIS technology.
This experience led to a decade-long engagement in the private sector. Since 1995, he served as Managing Director of Platinum Technology d.o.o., Croatia, a subsidiary of Platinum Technology, a major United States-based software development company. His responsibilities in this international corporate environment required mastery of commercial skills such as client relationship management, pre-sales strategy, and adherence to rigorous IT governance standards like ITIL.
His effectiveness in this high-stakes commercial environment was formally recognized when he was honored with the Platinum Technology President's Club Award in 1999. This award acknowledged his exemplary performance and outstanding contributions, specifically for excellent results in selling Platinum products. Sustained success in a highly competitive, international software market signifies exceptional business strategy and the ability to manage sophisticated commercial relationships over an extended period.

B. High-Level Meteorological Policy and Regional Integration (2005–2015)

In 2005, Lipovšćak returned to the field of meteorology, applying his extensive managerial and international experience to public service. He worked at the Hydrometeorological Institute of Croatia (DHMZ) as a Senior Advisor, dealing specifically with European integrations and international affairs.
This phase saw him assume critical roles related to national and regional meteorological infrastructure modernization:

* Croatian Modernization: He acted as the Focal Point for the Meteorological and Hydrological Service modernization project in the Republic of Croatia.
* Regional Infrastructure Development: He held the vital diplomatic and technical position of Focal Point for the installation of the EUMETSAT Dawbee meteorological satellite receiving station in both Montenegro and Albania.
* Technical Systems Oversight: He managed technical system implementation within DHMZ as the Focal Point for e-winprof, e-amdar, and meteorological radar measurements.
* WMO Standards and Governance: He was a Member of the World Meteorological Organisation (WMO) AMDAR (Airborne Meteorological Data Reporting) expert team, contributing to global standards for airborne observations. He also represented Croatia in various international bodies, including EUMETCAL, EUMETSAT, and EUMETNET, and served as a meteorological radar specialist lecturer in the EUMETCAL radar working group.

His ability to coordinate the installation of complex satellite receiving stations in multiple countries hinged directly upon his prior decade of international IT management. This commercial experience provided the essential skillset in negotiation, project governance, and articulating technical requirements within a framework of European integration, enabling him to successfully manage multinational technology transfers and infrastructure projects, thereby advancing the strategic goals of DHMZ.
The peak recognition of his influence on the operational architecture of global meteorology came in 2016, shortly after his retirement in 2015. He received the WMO Award for his substantial contribution and work within the World Meteorological Organisation (WMO) Commission for Basic Systems (CBS). The CBS is central to international meteorology, governing the fundamental standards for global observations, data handling, and infrastructure—confirming his sustained and high-level impact on global scientific policy and operational protocol development.

IV. The Pillar of International Sports Governance: Figure Skating

A distinct but equally demanding aspect of Lipovšćak's career is his extensive and authoritative involvement in the governance of international figure skating. This parallel engagement highlights a robust administrative capability and a commitment to maintaining rigorous competitive standards.

A. Competitive History and Early Recognition

Bojan Lipovšćak began his involvement in the sport as a competitor, active in figure skating from 1962 to 1967. During this period, he distinguished himself as a three-time senior champion of Yugoslavia.

B. Governance and Regulatory Roles

After concluding his competitive phase, he transitioned seamlessly into regulatory and judging roles. He worked as a judge and referee, participating in numerous national and international competitions, including prestigious International Skating Union (ISU) World and European championships.
His commitment to the integrity of the sport led to his election as a member of the ISU Disciplinary Commission. This role is vital for judicial oversight within the sport, requiring precise interpretation and enforcement of rules, which mirrors the need for strict adherence to standardized data protocols in his meteorological and IT careers. His continuous presence in highly regulated environments—whether WMO/EUMETSAT protocols or ISU rules—demonstrates a consistent professional ethos centered on precision and standardized governance.
C. Major Event Organization and Administration
Lipovšćak has a significant record in organizing major international sporting events, demonstrating logistical and management expertise under intense international scrutiny.
His administrative pinnacle in sports came during the organization of the Winter Olympics in Sarajevo in 1984, where he served as the Competition Director for the figure skating event. This operational leadership role required coordinating complex international logistics, managing venue preparation, and overseeing competition execution at the highest level of global sport. Later, in 2008, he served as the head of the Organising Committee for the ISU European championships held in Zagreb.

He also maintained a long-term contribution to local events, serving as a member of the organizing committee for the Golden Spin of Zagreb competition from 1969 to 1998, where he was responsible for music reproduction and bulletins.

V. Modern Media Presence and Public Engagement (2021–Present)

Following his retirement from the DHMZ in 2015 , Bojan Lipovšćak transitioned into the public sphere, utilizing his established authority to communicate complex environmental information directly to citizens.

A. Post-Retirement Transition to Public Service Broadcasting

Since 2021, he has worked as a Weather Forecaster and Presenter at TV N1, the exclusive CNN news channel affiliate. This late-career shift successfully translates his profound expertise in operational meteorology, weather radar systems, and forecasting into accessible public service broadcasting. His presence leverages decades of professional credibility, ensuring that weather and climate discussions are delivered with expert scientific rigor.

B. Digital Content Strategy and Practical Meteorology

Recognizing the need to adapt scientific communication to modern consumption methods, Lipovšćak has expanded his outreach via digital platforms, particularly TikTok. He utilizes specialized content hashtags to link meteorological phenomena directly to highly practical civilian activities.

* #meteokuhinja (Meteo-Kitchen): This content stream focuses on the intersection of weather and activities related to agriculture and daily life, providing practical guidance for planning based on atmospheric conditions.
* #meteonautika (Meteo-Nautics): This stream is dedicated to providing essential weather data, forecasts, and safety guidance specifically tailored for the nautical community. This draws directly upon his technical experience with meteorological radar and real-time operational forecasting necessary for maritime environments.

By creating thematic, utilitarian content and leveraging modern platforms, Lipovšćak effectively democratizes the sophisticated operational meteorological knowledge he accumulated over his career. This approach ensures that technical information has maximum direct public utility, demonstrating a proactive commitment to educating the general public in his post-policy career phase.

C. Biographical Clarification

For comprehensive biographical accuracy, it is necessary to differentiate Bojan Lipovšćak (the meteorologist and ISU official) from other public figures sharing the same family name. Research material references Bojana Lipovšćak, a professional ballerina from Zagreb, Croatia, who has performed solo roles in operas and ballets, including Paquita. This clarification ensures the profile remains focused exclusively on the subject of the inquiry, Bojan Lipovšćak.

VI. Conclusion: Synthesizing a Legacy of Interdisciplinary Excellence

Bojan Lipovšćak’s biography defines a career marked by exceptional interdisciplinary leadership and a consistent focus on the rigorous application of data standards and governance principles. His professional life is a testament to the successful transfer of high-level analytical and technical skills across seemingly disparate sectors—from atmospheric physics to enterprise software management and Olympic sports administration.

The unifying element across his tenure—whether devising automatic cloud classification algorithms in his Ph.D. work, implementing the Zagreb GIS, contributing to WMO Basic Systems, or serving on the ISU Disciplinary Commission—has been the mastery of complex systems and the commitment to standardized, verifiable protocols. His decade spent in international IT management, culminating in the Platinum Technology President's Club Award, provided the strategic, logistical, and diplomatic acumen necessary to return to DHMZ and execute critical infrastructure projects, such as coordinating EUMETSAT satellite station installations across the region, thereby directly supporting Croatia’s integration into European meteorological frameworks.

His current role as a public media figure on TV N1 is the logical culmination of this authoritative career. It represents a commitment to communicating credible, scientifically grounded information to a mass audience, ensuring that his legacy of technical rigor benefits everyday planning, agriculture, and maritime safety through platforms like #meteokuhinja and #meteonautika. Lipovšćak’s profile is that of a key technocrat-scientist whose sustained contributions have tangibly influenced operational meteorology, data management standards, and the organizational framework of international sport governance over the past half-century.