

LEGISLATIVE INNOVATION AND SUSTAINABLE DEVELOPMENT



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**What future are we leaving for
the next generations?**

**How can we act to be more
efficient in terms of sustainability?**



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THE NECESSITY OF LEGISLATIVE INNOVATION IN HISTORY



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MAGNA CARTA (1215)

“ (39) No free man shall be seized or imprisoned, or stripped of his rights or possessions, or outlawed or exiled, or deprived of his standing in any other way, nor will we proceed with force against him, or send others to do so, except by the lawful judgement of his equals or by the law of the land. ”



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Freedom Leading The People
Eugene Delacroix



Legislation is the backbone of a fair society, which must adapt itself to the needs of each time.



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If legislative innovation manifested itself as a result of needs at each time throughout history, as, for example, in Greece, the United Kingdom and the 18th century, **our time has come, as we are facing profound and threatening climate changes – no more abstract, but concrete realities – caused essentially by the emission of greenhouse gases that even call into question the right to a healthy environment for future generations.**



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DROUGHT OF THE SOLIMÕES RIVER, AMAZONAS



SAHARA DESERT FLOODING



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THE IMMEDIATE NEED FOR LEGISLATIVE INNOVATION



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PLAN
↓
ACTION



This scenario points to the establishment in law, by all Public Authorities in the world, in all their spheres, including with the collaboration of science, of supported data and sustainability criteria and their intersections as guides for effective sustainable planning and development.



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NOVA FRIBURGO – BRAZIL



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Nova Friburgo is a mountain city, formed by different peoples, with almost 200 thousand inhabitants, located in the center of the State of Rio de Janeiro, with 933,414 km², of which around 590 km² are covered by forests in the Atlantic Forest biome, that is, more than 60% Its territory is green, containing a rich fauna and flora, including endangered species, such as *Callitrix aurita*.



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Nova Friburgo, in addition to the singular environmental strength with immense biodiversity and tourism, stands out in industrial production, in the commerce, agriculture and various services offered to the region.



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In 2011, Nova Friburgo faced the biggest Climate Tragedy in Brazil.



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**And was reborn in its
RESILIENCE**

THE MUNICIPAL ORGANIC LAW

Art. 392. In order to guarantee the city's resilience, the Municipality will prioritize the implementation of green infrastructures capable of promoting conditions for the recovery and sustainable development of neighborhoods, towns and localities in the districts (...)

Nova Friburgo, Rio de Janeiro
Brazil



Luciano Renato

THE LEGISLATIVE INNOVATION OF NOVA FRIBURGO



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**NOVA FRIBURGO EMERGES AS AN EXAMPLE
OF SUSTAINABILITY IN ITS LEGISLATION.**



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THE MUNICIPAL ORGANIC LAW



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The Municipal Organic Law of Nova Friburgo, of July 12, 2018, has sustainability among its pillars, and the concept is included in 87 cases.

It is the general law with the highest incidence of the concept in the world.



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LAW PREAMBLE

WE, representatives of the people of Friburgo, constituted in the Organic Legislative Power, in the year of celebration of the bicentenary of the foundation of the Municipality (...) willing to ensure the population of the Municipality the enjoyment of fundamental human rights and access to dignity, to equality, social justice, ethics, the irreplaceable values of life, development and well-being, in a solidary, fraternal, democratic, multicultural society, **IN A SUSTAINABLE ENVIRONMENT**, with respect and tolerance for differences of any nature, therefore, without prejudices or discrimination, in the exercise of the responsibilities conferred on us by art. 29 of the Constitution of the Federative Republic of Brazil, under the protection of God, promulgate the following **ORGANIC LAW OF THE MUNICIPALITY OF NOVA FRIBURGO**.



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MANAGEMENT GOALS

PERFORMANCE INDICATORS (ART. 188. §5)

“I - Promoting development with environmental, social and economic sustainability;”



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SPATIAL ORGANIZATION

*“Art. 266. The territorial aspect will be treated in such a way that the spatial organization of the Municipality establishes land use and occupation in compatibility with the **sustainable development** process, especially with regard to general and basic sanitation and the achievement of adequate conditions for the use of the environment, also considering the specific topography of the Municipality and the climatic variations caused by the oscillations in altitude that affect the productive diversity of agriculture.*

*Sole paragraph. The Municipality, in the data georeferencing processes, will use methodologies and tools from territorial intelligence and other available tools, in order to provide the necessary **sustainable development**.”*



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PLANNING PROCESS

Art. 272. The Municipality shall organize its governmental actions in compliance with a permanent and systemic planning process, especially in the strategic, articulated and integrated treatment in relation to the master plan and the budgetary legislation provided for in art. 258, with the aim of integrating the institutional objectives of the municipal bodies and entities among themselves, as well as the federal, state and regional actions that relate to the **sustainable development** of the Municipality.



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URBAN DEVELOPMENT POLICY

*Art. 287. Urban policy and development shall be guided by principles of **sustainability**, valuing people, their interaction and harmonious coexistence among them, in order to make the city more humanized, in compliance with the provisions of art. 582.*



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URBAN MODELING

Art. 303. The Municipality, pursuant to art. 287, shall create conditions and means to develop itself in a planned and progressive manner under the principles of a smart city, through the concept of smart cities, based on efficiency, innovation and provision of infrastructure and urban mobility services, through information and communication technology, using **natural resources in a sustainable manner**, encouraging the use of renewable energy and offering social well-being to citizens through more efficient services, including shared areas to promote human coexistence, as provided for in arts. 673 and 697.



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PROTECTION AND USE OF THE ATLANTIC FOREST BIOME

Art. 323. The protection and use of the Atlantic Forest Biome within the municipal territory have the general objective of sustainable development and, as specific objectives, to safeguard:

I - biodiversity;

II - human health;

III - landscape, aesthetic and tourist values;

IV - the water regime;

V - social stability.



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ECONOMIC GROWTH AND SOCIAL ADVANCEMENT

Art. 408. The Municipality, in its strategic role, may grant municipal incentives of various natures, especially tax incentives, to industrial and business sectors that contribute to the development of the Municipality, primarily for the following segments:

I - transformation;

II - research, science, technology and innovation, especially those related to information technology;

III - automation and robotics parts;



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IV - cosmetics;

V - that prioritize the sustainable use of raw materials from the Atlantic Forest;

VI - biomedical sciences and pharmaceutical industry;

VII - food engineering, that prioritize local agricultural production, especially organic products;

VIII - that are geared towards generating renewable and clean energy.



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COMPLEMENTARY LAW Nº 167/2024



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Complementary Law No. 167/2024 recently approved by the Legislative Branch of Nova Friburgo and sanctioned by Mayor Johnny Maycon Cordeiro Ribeiro is the first law in the world that

“Institutes the FLOGEN method as a guiding instrument for the planning and sustainable development of the Municipality of Nova Friburgo”.



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The legislation provides:

- 1. that the FLOGEN method must be applied in the implementation of the 17 UN Sustainable Development Goals, since it permeates all of them;**
- 2. on the actors/pillars, criteria and results/beacons of sustainability;**
- 3. that the Municipality must strive for SUSTAINABILITY, that is, for the simultaneous application of the criteria of environmental protection, social progress and economic growth;**



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- 4. that the intersection of sustainability criteria results in tolerability, equitability and viability to achieve the desired sustainable essence;**
- 5. that these same results should also function as guidelines for the application of environmental protection, social progress and economic growth criteria to achieve sustainability;**
- 6. that governance bodies should consider, promote and apply the necessary measures for the effective adoption of the FLOGEN method, in conjunction with the other actors/pillars of sustainability.**



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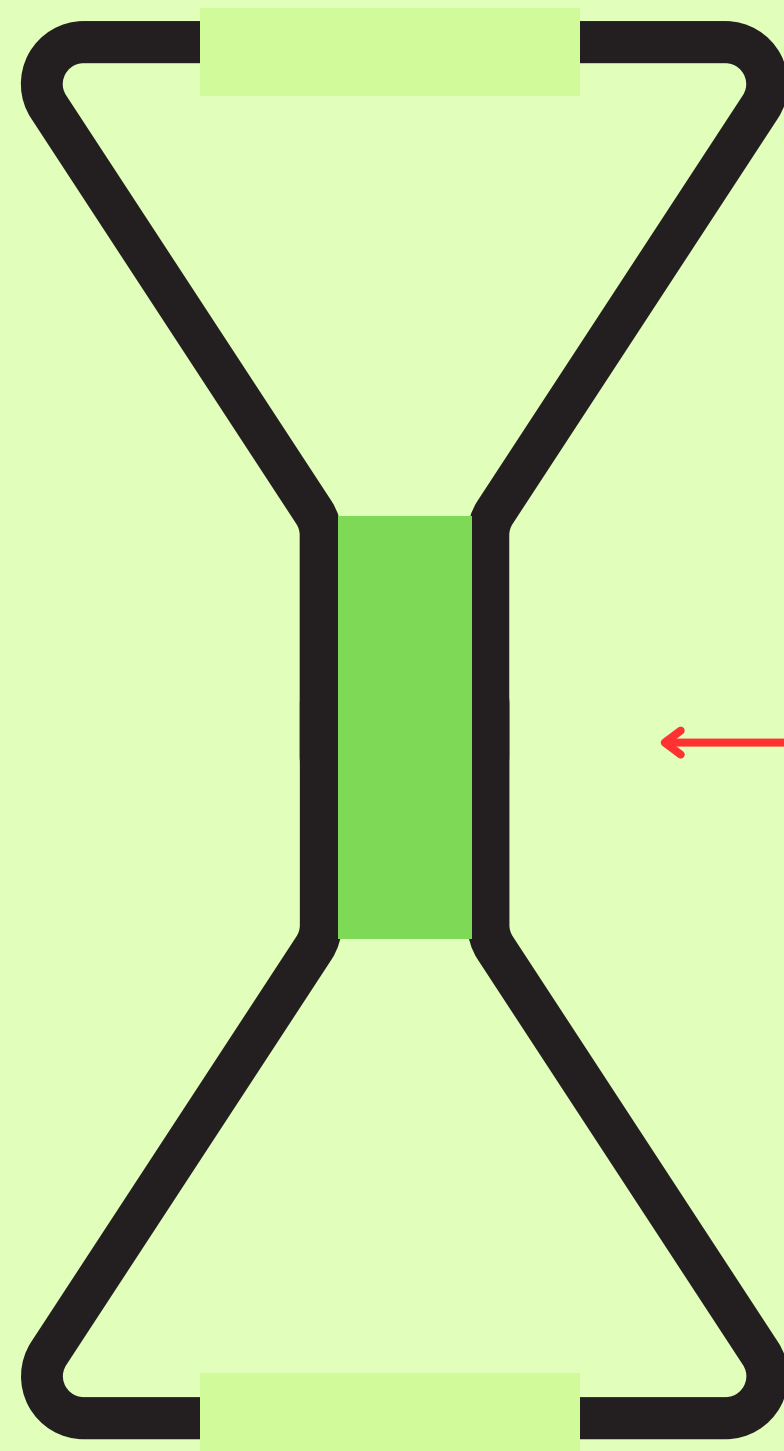
In short, the mens legis of Complementary Law No. 167/2024 also establishes that the application of the FLOGEN method will innovatively act as an instrument of SUSTAINABILITY CONTROL, meeting the global legislative need on the subject. Thus, it is proposed that governments, at any level, in all parts of the world, commit to and apply measures like this.



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COMPLEMENTARY LAW No. 167/2024



- *Guidelines of the Constitution of the Republic, - State Constitution and Municipal Organic Law
- * 17 UN SDGs
- * Plans, such as the Participatory Director
- * Other applicable laws, actions and proposals and projects

SUSTAINABILITY CHECK APPLYING THE FLOGEN METHOD

Laws, implementation of objectives and actions guided by the balance of sustainability criteria of the FLOGEN method, resulting in tolerable, equitable and feasible measures to achieve sustainable planning and development.



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The application of the FLOGEN method, through law, reveals to the world the power provided by the union between science and the legislature, in promoting legislative innovation, especially in the area of sustainability, which is not only a priority for the future - it is an urgent need for the present, to provide a more balanced environment and a more just society, with environmental protection, economic growth and social advancement.



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SAVE OUR
FUTURE

Thank you all for your attention.

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