

## IDENTITY & COMMITMENTS

### An Independent Public Establishment

Founded in 2000 in response to the increasing importance of technologies in our societies, the National Academy of Technologies of France (NATF) is tasked with informing public policy and contributing to public debate. Today, it brings together more than three hundred elected fellows from diverse backgrounds, reflecting the breadth of technologies, their interactions with society and their societal impacts. As a public administrative body under the authority of the Ministry of Higher Education and Research and under the patronage of the President of the French Republic, NATF fulfils public service missions. Its organisational structure guarantees independence, collegiality, and relevance in the exercise of its responsibilities.

NATF acts as a trusted third party, committed to promoting reasoned and responsible technological choices that improve living conditions. Its role is to ensure that technologies, and the issues surrounding them, become subjects of both informed and factual debate, thereby equipping decision-makers and citizens. Its work, published in the form of opinions and reports, offers thoughts,

proposals and recommendations. The Academy seeks to foster interest while enhancing understanding. It highlights useful technological advances and encourages education and career aspirations, particularly among younger generations.

Technologies lie at the heart of contemporary challenges, including ecological, energy and digital transitions. Multiple issues are at stake in areas such as health, food, inequality, employment, education and sovereignty. They also prompt questions, often linked to concerns about potential threats to human health, the environment or safety. Drawing on the diverse expertise of its fellows, on its openness to international networks as well as to technology stakeholders, and driven by a strong culture of collective work, NATF strives to provide well-founded and objective insights on these matters.

### Three Core Missions

- 1 Formulate proposals and recommendations for the optimal use of technologies in the service of humanity and the common good.
- 2 Shed light on emerging technologies and strategic choices, ensuring an independent approach backed by multidisciplinary expertise.
- 3 Promote a positive image of technologies among young people and women, and encourage career aspirations.

### FOR REASONED, CHOSEN AND SHARED PROGRESS



### An Assembly Of Academic Fellows At The Heart Of Its Operations

The activities of the Academy are driven by its fellows. Bodies and coordination are subject to mandates voted by the plenary assembly.

#### NATF Fellows

Fellows are selected and elected through a rigorous annual co-optation process, ensuring balanced representation of women and men, diverse expertise and varied professional backgrounds. The fellows constitute the plenary assembly, which deliberates and votes on the Academy's actions, including its publications.



► Find the list of NATF fellows

#### Governance

The governance of NATF is composed of several bodies. The Executive Board, comprising the President, Vice President, Deputy Vice President, Delegate General, Immediate Past President, Chair of the Programme Committee and Director, proposes general orientations and action programmes relating to the conduct of work, the organisation of academic life and overall operations. The Academic Council reviews strategy and deliberates, administers and decides on these proposals, except in areas requiring a vote by the plenary assembly. Supporting these bodies, several committees and delegates assist in implementing and overseeing actions.

#### Staff

A team of staff members, supervised by the Director, supports the academic fellows in their missions and contributes to operations, activities and development of the Academy.

#### Thematic Production

Nine thematic sections, composed of fellows and led by dedicated chairs, develop forward-looking perspectives within their respective fields. Inter-sectional groups may also be established to address cross-cutting issues.

- FOOD AND HEALTH
- CULTURE / LEISURE / SPORTS
- EDUCATION, TRAINING, EMPLOYMENT AND WORK
- ENERGY
- ENVIRONMENT AND IMPACTS ON CLIMATE CHANGE
- HABITAT / CITIES AND MOBILITY
- INDUSTRY AND SERVICES
- DIGITAL
- TECHNOLOGIES, ECONOMIES AND SOCIETIES



► Find the description of the sections

#### Resources

NATF receives a state subsidy from the French government in recognition of its public service mission and benefits as well from some additional resources (including from the NATF Foundation). It has partnerships with two public organisations, the French National Centre for Scientific Research (CNRS) and the French Alternative Energies and Atomic Energy Commission (CEA), which provide several staff members. These resources ensure the funding of activities (production, promotion and academic life) and staff remuneration.

► Find the faces of NATF on the back



### Supporting NATF

The Academy has created the Foundation of the National Academy of Technologies of France to finance its initiatives. Managed by fellows of the Academy, the Foundation operates under the aegis of the Foundation Arts & Métiers and is authorised to receive donations and legacy endowments. By promoting technology through entrepreneurship and education, the Foundation strives to disseminate knowledge, advance teaching and foster innovation in the service of the common good.



► Make a donation

## OBJECTIVES

### Anticipating Future Challenges, Informing Public Debate, Decoding Technologies

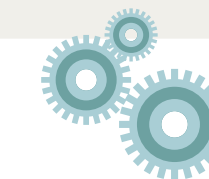
NATF carries out analyses of technological domains to assess their potential and challenges, highlighting their contributions to current and future societal issues. Beyond the "what" and "why" of technologies, the Academy places strong emphasis on the "how," positioning innovation at the core of its work. It remains attentive to emerging technologies and current topical issues, with the aim of anticipating transformations and their consequences and identifying priority actions.

In this context, the Academy addresses a wide range of questions, including energy resources, achievement of net-zero, artificial intelligence and industrial renewal. It provides support in defining investment choices within frameworks such as the France 2030 plan. The Academy identifies key technological

topics requiring particular attention from public authorities. It delivers factual and neutral insights, complemented by a strategic vision and an "industrial ecosystem" perspective, situating France within a broad international context. Its work informs governmental strategies and decisions. At the same time, the Academy offers the public a clear deciphering of technological issues and maintains an active presence on social media. The academic works are shared with decision-makers, public authorities, industry leaders and the general public through publications, press briefings, conferences and session transcriptions.

### Four Cross-Cutting Objectives

- 1 Presence of women in the technological sphere
- 2 Outreach to youth
- 3 Value proposition of the Academy for industrial stakeholders
- 4 Driving work within an international framework



### Academic Work

The Academy's work follows a rigorous academic process. It is carried out within the thematic sections or ad hoc cross-sectional groups, supported and coordinated by the Programme Committee. These activities are embedded in a structured academic life, organised into several cycles of sessions and hosted by fellows. The Academy develops a forward-looking, systemic and cross-cutting approach to technological domains on selected topics. Works are initiated by fellows or undertaken in response to requests from stakeholders, primarily public authorities, which also guide certain academic projects. The Academy's approach is enriched by numerous exchanges and debates, which it opens to external audiences, enabling it to question assumptions, confront ideas and integrate external expertise, namely from other organisations. Another key component of its work is interaction with a wide range of actors. The Academy fosters collaborations with its partners and networks, as well as with public and scientific bodies within its ecosystem. It maintains exchanges and cooperations with other academies in

France (such as the Academies of Sciences, Agriculture, Medicine, and Air and Space) and internationally. Through dialogue, meetings and the sharing of practices, the Academy is a member of several networks of foreign academies of engineering and technical sciences and sustains privileged ties with its counterparts, notably through bilateral partnerships (Germany, United Kingdom, among others). These connections enable numerous collective initiatives.



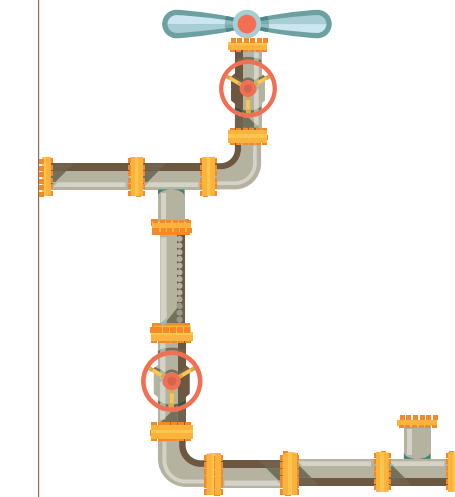
► Find NATF publications

### Commitment To European And International Networks Of Academies of Engineering And Technical Sciences

NATF is a member of the International Council of Academies of Engineering and Technological Sciences (CAETS), which brings together academies from more than thirty countries worldwide. It is also a founding member of the European association Euro-CASE, which it hosts on its premises and for which it delegates a fellow to serve as General Secretary. Euro-CASE is one of the networks supporting the Scientific Advice for Policy by European Academies (SAPEA) programme, which operates under European Commission mandate and funding. For NATF, these networks represent fertile ground for developing strong and impactful initiatives at both European and global levels.



► Find more information about international activities



### Working With Young People, Promoting Women's Contribution And Presence, Showcasing Talent

The Academy leads several flagship initiatives.

- The NATF Grand Prix awards recognise innovative young startups.
- Partnerships, such as those linked to the *Irène Joliot-Curie*, *STEM for All* (with Thales Solidarity), *La main à la pâte*, and *Roberval* (with the University of Technology of Compiègne) awards, celebrate women in science, students, educational projects and literary works.
- The *Women in Tech* network, created in 2021, connects female talent in the technological sphere.
- The annual action *NATF with Youth* fosters dialogue between academic fellows and youth, encouraging exchanges on societal visions.

NATF is committed to promoting the technological field, disseminating knowledge and raising public awareness. It actively participates in numerous awards and initiatives aimed at young people and women, and maintains close interactions with the educational community to support teaching and training.

Through these initiatives, NATF places the preparation of the future at the heart of its mission, through young people, women and innovative technological developments.





## The 2026-2027 Governance

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 Deputy Vice President for Institutional Relations and Strategic Partnerships: **Philippe GILLET** (3)  
 Delegate General: **Pierre TOULHOAT** (4)  
 Immediate Past President: **Patrick PÉLATA** (5)  
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 Chair of the Recruitment Committee: **Gérard CREUZET** (7)  
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 Chair of the Quality Committee: **Bruno STOUFFLET** (9)  
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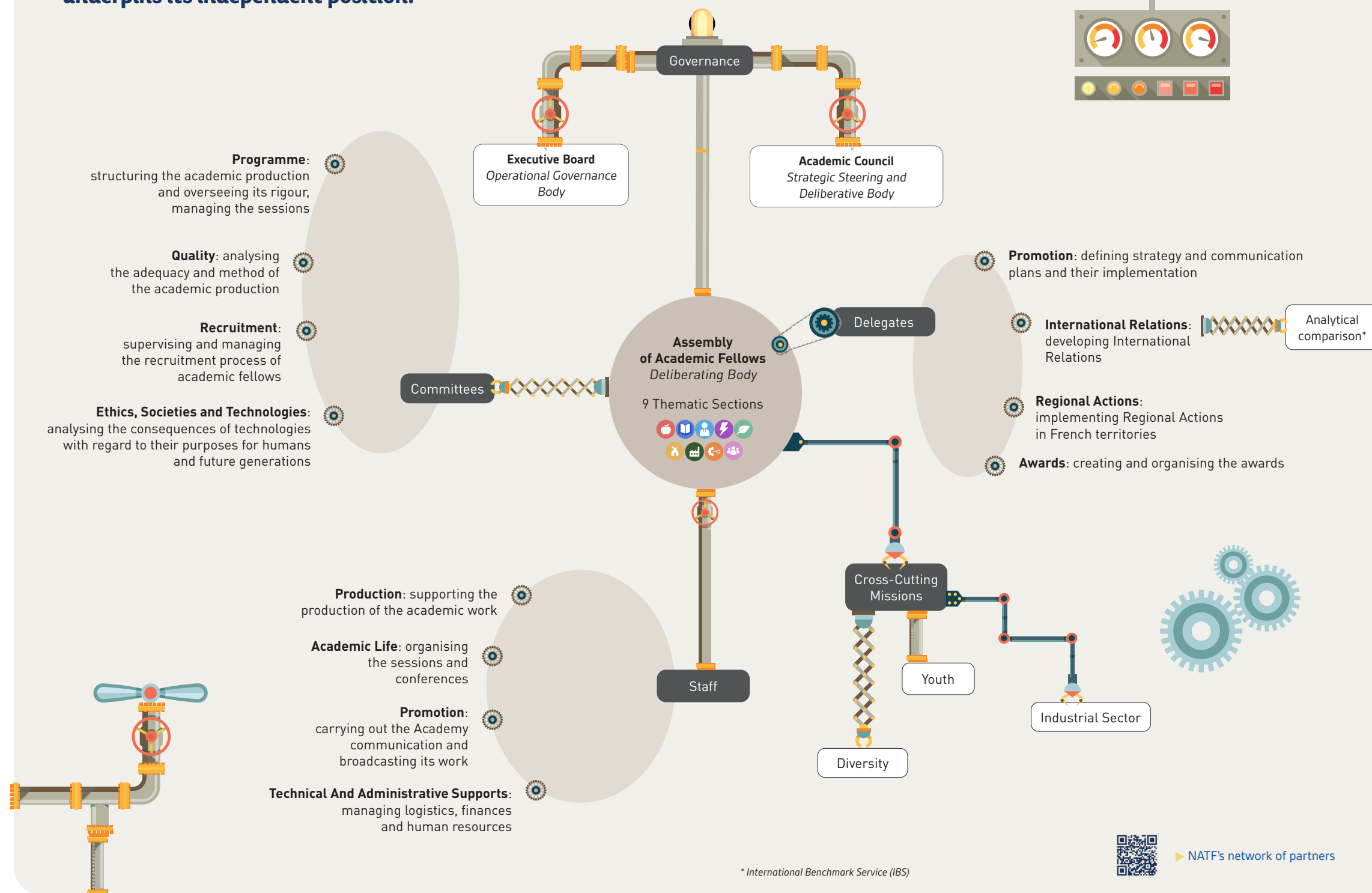
[www.academie-technologies.fr](http://www.academie-technologies.fr)

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**NATF's organisation combines a thematic approach with collective work. Its rigorous and collegial governance underpins its independent position.**



# NATIONAL ACADEMY OF TECHNOLOGIES OF FRANCE

An establishment committed to supporting technological development for the benefit of humanity and a sustainable future.

**FOR REASONED,  
 CHOSEN AND  
 SHARED PROGRESS**



\* International Benchmark Service (IBS)



NATF's network of partners