

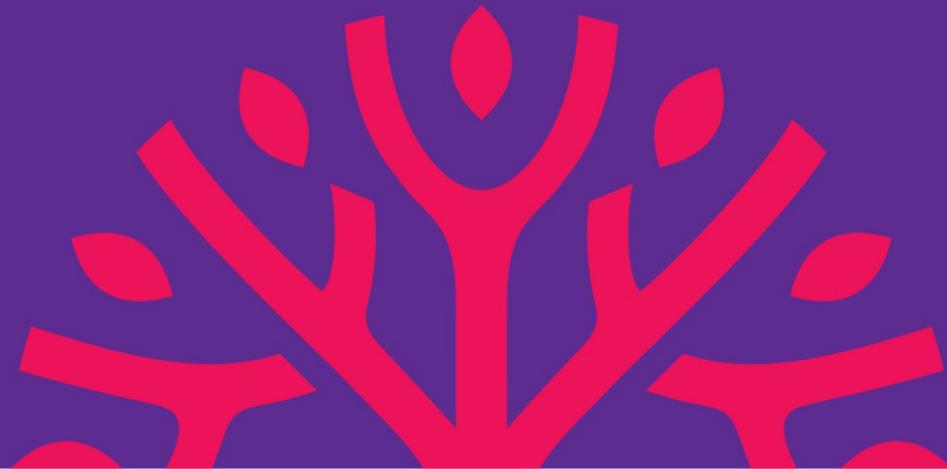


THE FRENCH OFFICE FOR SCIENTIFIC INTEGRITY (OFIS)

JOËL EYER, SCIENTIFIC ADVISOR

<https://www.hceres.fr/fr/office-francais-de-lintegrite-scientifique>

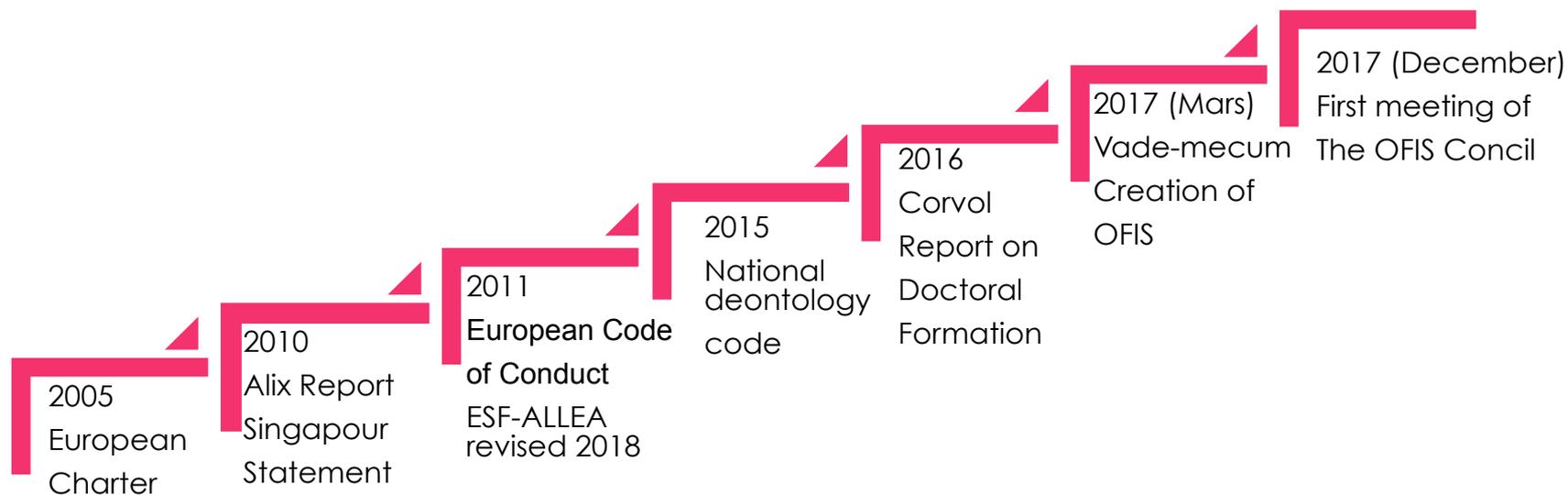
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THE CONTEXT AND ITS CHALLENGES

- **The main objective of OFIS:** promotion of scientific practice with integrity.
- **The major challenges:** the respect and promotion of responsible, transparent scientific practices that guarantee **the trust between science and society**.
- **A relation affected** these days: misconducts of researchers (fraud, falsification, plagiarism, other unacceptable behaviors), media and social networks.
- **The major risks:** mistrust, questioning of experts, science-society division, faced with strong societal expectations (health, environment).
- **New threats:** advances in science and its methods: open science (open data, open publications, participatory sciences), access to personal data, animal and human experiments, etc.
- Rethinking the ways of **doing science:** ethical and deontological questions, research approaches, autorisations to do scientific experiments, etc.
- **Transparency, Research and Responsible Innovation** (World congress on IS, H2020 programme).

THE INITIAL CONTEXT...



- **Creation of OFIS: Proposition N° 16 of the Pierre Corval report 2016**
- **A national structure with general missions defined in the vade-mecum 2017**

French Office for Research Integrity
About research integrity
Research integrity in practice
List of signatories of the charters and of research integrity officers

Documentation

Agenda - Intégrité scientifique

Reference texts

Europe & international

- 2019 - Recommendations for the Investigation of Research Misconduct
2018 - Procédures en œuvre à l'Université de Liège
2017 - Study report "Fostering Integrity in Research" (US National Academies of Sciences, Engineering, and Medicine)
2017 - The European Code of Conduct for Research Integrity
2015 - The European Charter for Researchers
2010 - Singapore Statement on Research Integrity
2009 - Investigating Research Misconduct Allegations in International Collaborative Research Projects (OECD/OCDE)
2005 - Charte européenne du chercheur - Code de conduite pour le recrutement des chercheurs

In France

- 2019 - "Repères pour une mise en œuvre de la procédure de recueil et de traitement des signalements relatifs à l'intégrité scientifique, en conformité avec le RGPD"
2019 - Vade-mecum pour le traitement des manquements à l'intégrité scientifique, à l'usage des chefs d'établissements
2019 - Feuille de Route 2020 de l'Intégrité Scientifique
2019 - Des liens d'intérêts aux conflits d'intérêts dans la recherche publique, Avis COMETS/CNRS
2018 - Guide pour le recueil et le traitement des signalements relatifs à l'intégrité
2018 - Charte de déontologie et d'intégrité scientifique de l'ANR
2016 - Arrêté du 25 mai 2016 fixant le cadre national de la formation et les modalités conduisant à la délivrance du diplôme national de doctorat (cf. Art. 3-3°)



OFIS, a National Structure

<https://www.hceres.fr/fr/office-francais-de-lintegrite-scientifique>

Objectives

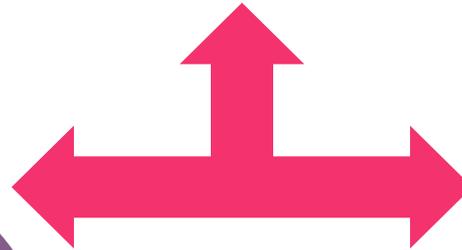
MISSIONS

**French Council Of
Scientific Integrity**
Orientation and Supervision

Thinking
Platform

Observatory
And Analysis

Contribution
to the
national
animation



- Development of referenced rules, opinions and recommendations for assessment departments
- Promotion of good practices
- Mediation

- Documentary watch and dissemination of information
- Harmonisation of practices
- Contribution to the training of scientific integrity referents
- International representation (ENRIO, ETINED, European Commission)

- Promotion of the work of the network of scientific integrity officers
- Promotion of research work around the issue of scientific integrity.



▪ **The operational team** (dir.ofis@hceres.fr) :

- 1 Director (2018-2020: Joëlle Alnot, acting director: Frédérique Sachwald)
- 2 Scientific advisers (Joël Eyer + one position to be filled)
- 1 Project manager (Dora Chertier)

▪ **The French Council for Scientific Integrity
(Conseil Français de l'intégrité Scientifique CoFIS)**

- 12 members
- President : Olivier Le Gall



Development of a **roadmap (2018-2020)**, presented on October 23, 2018 during the 2nd meeting of the Conference of the signatories of the national charter and ethics of research professions.

- **6 major themes:**
- Developed in 18 flagship actions
 - Objectives, actors, timetable.

- **Harmonization of procedures**
- **Pooling of feedback**
- **Training in scientific integrity**
- **Promote the values of scientific integrity**
- **Promote an environment that is conducive to science with integrity**
- **Integration of open science issues**



Actions taken:

- ✓ **Harmonization of procedures:** dissemination of the **Guide of the network of scientific integrity referents**-RESINT, December 2018 at the national level, and at European level (**ENRIO**, handbook 2019); **1 framework document** for heads of establishments (July 2019).
- ✓ **Train in science integrity: current mapping of the training offer to propose their harmonization and pooling+** MLE programme from the European Commission, **seminars** for SI advisers (judicial aspects: June 18, 2019, mediation: spring 2021).
- ✓ **Promote the values of scientific integrity:** annual conference of **the signatories of the national charter of ethics** for research professions; **2nd colloquium** from Ofis (Spring 2020 on SI and communication) ; **documentary watch** on the OFIS web page including the updated list of **signatories (n= 60 [8 in 2015])**, and **referents for SI (n=128 [4 at the beginning])**, exchanges with the Academy of Sciences, the College of Ethics of the Ministry, etc.
- ✓ **Promote an enabling environment to integrity of science:** analysis of how scientific integrity is taken into account in the Hcéres evaluation standards (Research units, Establishments, Doctoral schools); cf. San Francisco DORA recommendations (2012) and Leiden Manifesto (2015) / bibliometric indicators, impact factors.
- ✓ **Integrate the challenges of open science:** **1st colloquium from Ofis April 4, 2019** : Science integrity and open science.
- ✓ **Strengthening the international visibility:** **ENRIO** (23 member countries), **EU** (MLE-RI, ETINED), **world congress of SI** (Hong Kong, June 2-5, 2019), participation to a H2020 European programme, etc.

- ❑ **Ethics, deontology and scientific integrity**: at the center of crucial issues to **guarantee confidence in science**.
- ❑ **Values** and **principles** that must be shared by the entire scientific community.
- ❑ True **cultural appropriation**, requiring **strong political signal and resources**, for the mobilization of decision-makers and actors involved at all levels of training and research

- **Objectives to be achieved with the help of all the players concerned**
- **Multiple issues in terms of regulation (dealing with scientific misconduct), but also in terms of prevention (culture of scientific integrity)**

« *Scientific integrity is the conduct of integrity and honesty which must govern all research* ». Pierre Corvol, Doctor and Biologist, President of the Academy of Science since 2019.