# Horizon 2020 Policy Support Facility



POLICY RECOMMENDATIONS

EXCHANGE OF PRACTICE

ON-DEMAND SUPPORT

PEER LEARNING

## MLE Research Integrity Training
### Examples of good practices France

Brussels
October 29, 2019.

## RI & RE: training offered in France

**Training**: included in the national Charter, signed since 2015 by more and more public institutions ("*Research integrity rules must be integrated into educational curricula*")

- **In all universities**, by Doctoral schools, for all PhD students, and mandatory since 2016 (ministerial decree)

- **In public research institutions** (e.g. CIRAD, CNRS, INSERM, INRA, etc.)

- **In the National funding Agency** (ANR) : training in ethical principles, prevention and management of conflicts of interest to ANR employees and members of scientific evaluation panels: ANR's Code of Ethics and Scientific Integrity (revised 2019) https://anr.fr/en/anrs-role-in-research/values-and-commitments/scientific-integrity/

➢ **RI officers** (112 currently), appointed by each public institution, monitoring training programmes

## Topics and objectives

- Inform PhD students about RI & RE issues : to develop good practices and prevent misconducts, in compliance to the European code of conduct for RI, the French charter on RI.

- Alert them to the mechanisms that can lead to scientific misconducts : falsification, fabrication, plagiarism; data management; publication & authorship, etc.

# Mode of delivery

*"Doctoral schools must ensure that doctoral students benefit from training in ethics and research integrity".*

- National network of doctoral colleges https://rncd.fr/contact/

- **Mode of delivery** : depending on institutions (no compulsory specified format), **some examples** :

➤ **PhD** courses face-to-face; workshops (lectures, role plays); seminars, online courses, etc.

➤ **MOOC on research integrity**, designed and provided by University of Bordeaux, and available for all fellows https://www.fun-mooc.fr/courses/course-v1:Ubordeaux+28007EN+session01/about

➤ **MOOC on ethics**, designed and provided by University of Lyon https://www.fun-mooc.fr/courses/course-v1:universite-lyon+91001+session01/about

➤ Seminars, thematic working groups, and colloquia, organised by the Research Ethics and Scientific Integrity Council (**POLÉTHIS**) at University Paris-Saclay https://www.universite-paris-saclay.fr/en/polethis

# Examples of topics/case studies for PhD students'training

- **Misconducts** and questionnable practices; policy for handling allegations

- **Plagiarism**: what is it, and how to avoid it?; plagiarism detector (uses and limitations of the tool); auto-plagiarism

- **Data** falsification/fabrication; reproductible research and data sharing

- Publication and rule of **authorship**:

  - *How to deal when conflicts with a mentor : eg.: student's name doesn't appear as co-author (mentor/mentee relationships); ghost-writers; conflicts between co-authors*

  - *Peer-review, predatory journals; presssure to « publish or perish »*

- **Conflicts of interest**; questionable research (how to conduct research, methodology)

- Issues linked to **specific disciplines** (eg.: SSH, biology); impacts and social responsability

- Etc.

# OFIS (created 2017): objectives / training

- To establish a **national mapping of research integrity training** (survey in progress, in collaboration with RI officers & French network of doctoral colleges)
  - ➢ In the aim to share **innovative trainings and good practices** in the field, to offer mutualization on the OFIS web site, and to assess their efficacity over time

- To organize regular **training for trainers (train-the-trainers RI officers)** : 1$^{st}$ one in June 2019, on legal aspects of their missions (allegations and misconduct procedures, mediation, case studies)

- To contribute to improve training programs and support innovative initiatives

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**In planning** :

- Foster training to assess a real RCR culture : for Master degree students in official programmes, for assistant-professors when prepare mentoring (French supervisor diploma « Habilitation à diriger des recherches »), … and for seniors

- Awareness to Open science within training programmes, and within labs

Thank you for your attention!