Madam, Sir,

I am writing to you in order to express scientifically founded concerns
about effectiveness of Science and Innovation funding by the EU. As I
can see from my point of view, the scientific community as a whole is
not taking necessary steps to self-assess and streamline the funding
requests, through careful considerations of relevance of the different
fields to address humanity's challenges in today's world.

This time is also a time of crisis and emergency, in which spending is
necessary to keep the economy and the well being in our societies going,
and to ensure that we emerge stronger from this troubled period.
However, that spending must also be considered wisely and carefully, as
our populations expect and efficiency mandates.

I have developed a website (much of which is in French) which presents:

- A critical assessment of the way in which the scientific community has
acted conservatively, in relation to emergence of new fields, resulting
in gaps between the evolutions and the needs of our societies, and the
proportions of the different fields of interests within our Universities;

- An overview of acessible references, many of which are extracts from
investigative journalism, presenting the fields which have indeed
recently emerged, and seem to me of high interest both for sustainable
development, energy transition, and relevant shifts to support jobs
throughout European territories.

- Concerns and recommendations about our digital sovereignty, and
targeting the right research activities in Information Sciences to fill
our possible gaps, and, in particular, carefully distinguish between
development and R&D in the field, in the spirit of the Frascati Manual
by the OECD.

The web pages are accessible through menus, but I set out below an outline.
(The site is secured by the HTTPS protocol, and does not gather any
information about the user, be it by cookies or Javascript.)

The following page purposes to draw a stark distinction between
so-called AI and Information Sciences, and advocates careful
formalization and specifications for scientific software (in all
experimental sciences), for the purpose of validation and
reproducibility. Promoting good practices in sciences and software
improves both reliability and productivity, and can increase clarity of
rational scientific discourse, in the public space, as well as for
dependable advice to deciders.
The difference between development and R&D in the field, in the spirit
of the Frascati Manual by the OECD, is briefly explicited.

https://malgouyres.org/my-problems-inertie-sociale-et-epistemologie

The following page purposes to raise an alert of the current state of
the software practices (in my country) in relation to sensitive
information protection, economic intelligence, and cyber-security.
These facts make it all the more urgent to improve skills, awareness,
and reliability about software in the scientific community.

https://malgouyres.org/my-problems-perles-illetrisme-numeriques

The following page purposes to analyse why governance in (French)
Universities fails to address imbalances between the different
fields,and tends to amplify disproportions inherited from previous
centuries, due to the notion of scientific identity and competition
between fields for funding.

https://malgouyres.org/my-problems-inertie-academique

The following page purposes to analyse and provide references about
sustainability issues, in the energy and raw material sectors, the
resulting economic constraints, and relevance of research to address the
associated challenges.
Questions are raised whether alternative approaches to safe and
sustainable nuclear energy, which could be more pragmatic and economical
then the ITER project, have been adequately considered and openly
discussed by the scientific community.

https://malgouyres.org/my-problems-energie-resources-naturelles-durabilite

The following page provides references about recent emerging fields
which, in my view, deserve and require support to develop in our labs,
in relation to health, lifestyle, the environment, and sustainability of
our healthcare systems.

https://malgouyres.org/my-problems-environnement-biologie-prevention-sante

The following pages (in English) provide an overview of privacy and
sovereignty issues in relation to software, as well as technical
information about social media which could be useful for regulation of
the digital space.

https://malgouyres.org/links-tech-privacy-os
https://malgouyres.org/links-tech-privacy-secure
https://malgouyres.org/tech-privacy-browsing-media
https://malgouyres.org/tech-machine-learning

Yours Respectfully,
Rémy Malgouyres,
Professor of Information Sciences and Technology at Université Clermont
Auvergne

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