

Output of the French Communication WG on FCC societal impacts and sustainability

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on behalf of the
“Atelier COM4” Working Group



• Work In progress

Context & Goals

- Spring 2025: IN2P3 launched a set of working groups to complement the CERN communication on science and the societal impact of FCC, targeted to the French audience
- 5 Working Groups
 - Benefits of fundamental research: curiosity-driven science, epistemology, history (WG1)
 - Case for Particle Physics: goals, instruments, connection to others fields (WG2)
 - Case for FCC: what LHC is teaching us, why we need the next machine (WG3)
 - Societal benefits and sustainability of FCC (WG4 – This talk !)
 - Economical, technological and industrial impact (WG5)
- Expected deliverables of the working groups:
 - A few case statements
 - 3 different targets: other scientific communities, general public, decision-makers
- This talk presents the preliminary results of the WG4 ([see link in the agenda](#)). This is work in progress. All the WG outputs will be discussed together, combined and refined early next year (Probably mid-January 2026, t.b.c.).

Examples of recent mentions of FCC in media

- Tribune “Le Monde”, 20/11/2026:
https://www.lemonde.fr/idees/article/2025/11/20/cop30-la-france-doit-reexaminer-radicalement-la-maniere-dont-elle-mobilise-sa-recherche-publique-sur-les-enjeux-climatiques_6654093_3232.html
- Tribune “Scientifiques en rebellion”, Libération, 25/02/2025
https://www.liberation.fr/idees-et-debats/tribunes/il-faut-renoncer-au-futur-mega-collisionneur-de-particules-du-cern-par-400-scientifiques-20250225_5XHFW4JKRNFPDJTH52UF3B5PR4/
- France Culture, la conversation scientifique. “Faut-il bouleverser l’organisation de la recherche scientifique ?” 20/09/2025
<https://www.radiofrance.fr/franceculture/podcasts/la-conversation-scientifique/faut-il-bouleverser-l-organisation-de-la-recherche-scientifique-7688303>

Bonus:

- **Débat:** “La Terre au Carré”, France Inter.



“Faut-il construire le méga-collisionneur ? “
avec Gaëlle Boudoul.

<https://www.radiofrance.fr/franceinter/podcasts/la-terre-au-carre/la-terre-au-carre-du-mercredi-12-novembre-2025-9650798>