

Research workbook

2024

FRANCE

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T0. Summary

Please provide an abstract of this workbook (target: 500 words) under the following headings: National profile

In this section please summarise the most relevant information included in the following sections, namely:

- A description of national profiles:
 - main entities financing research on drugs;
 - main research institutions involved in the research on drugs;
 - if applicable, the role of the national drug observatory in the implementation, execution or coordination of drug-related research activities;
 - main national or regional scientific journals publishing drug related research and
 - main drug-related research projects, (planned or ongoing)
- A description of research priorities (if available)
 - drug-related priorities defined in national/regional drug policy;
 - the role of drug-related research in national drug policy documents;
 - new topics emerging in drug-related research in your country (either in governmental or non-governmental research)

National profile

In France, the Ministry of National Higher Education, Research and Innovation (MENESR) designs, coordinates and implements national policy on research and innovation. Two primary academic organisations, the National Centre for Scientific Research (CNRS) and the National Institute for Health and Medical Research (INSERM), cover a wide range of research areas, from neurosciences, through public health and clinical research to social sciences.

The French National Focal Point (OFDT) is the main body involved in drug-related data collection, studies and network development. It collaborates extensively with national and European drug-related research teams. Dissemination of data and research results are also part of its mandate, together with publishing in national and international scientific journals, and promoting the use of research results in practice and policymaking.

The Interministerial Mission for Combating Drugs and Addictive Behaviours (MILDECA) is the central structure close to the Prime Minister responsible for coordinating governmental action in the drugs field. Part of its role is to promote and fund drug-related research. Through its interministerial position and its collaboration with the OFDT and other partners, MILDECA plays a major role in the transfer of knowledge to decision-makers, professionals and citizens in France. MILDECA uses its own appropriations (Finance Act/drugs fund) to support research of a particularly strategic nature for steering public policies on drugs and addictive behaviour.

New development

In 2022, the national anti-addiction plan in force since 2018 expired. On 9 March 2023, the Government adopted its new [Inter-ministerial Strategy for Mobilisation against Addictive Behaviours](#) (SIMCA) to be deployed over 4 years (2023-2027) (MILDECA 2023).

In line with previous government plans, the development of observation and research on addictions constitutes one of the 10 strategic areas retained in this strategy. The public authorities are reaffirming their desire to base public action on solid knowledge. They are committed to supporting and directing the production of scientific data, which can easily be used by the public authorities.

Government guidelines aim to 1/ consolidate observation systems, 2/ continue to structure research and 3/ promote the evaluation of systems and policies.

Among the research priorities, the strategy stresses the importance of clinical research aimed at developing effective drug treatments, in particular with regard to addictions for which there are no substitute products (cocaine).

At the same time, particular attention is paid to the development of research on the illicit supply of narcotics.

The public authorities also underline their desire to promote evaluative research on subjects that have received little attention such as the quality, effectiveness and efficiency of health and medico-social care as well as penal responses to the use of psychoactive products.

T1. Drug-related research¹

The purpose of this section is to

- Describe the organization of drug-related research in your country
- Provide a summary of specific resources on drug-related research available in your country
- Update the available information already provided to the EMCDDA (workbook will be pre-filled).

T1.1. Please update the main drug-related research institutions/associations/bodies (public or private) in your country. Please provide links, also to pages in English, if available.

- Centre National de la Recherche Scientifique (CNRS) :
<http://www.cnrs.fr/index.php>
- Conservatoire National des Arts et Métiers (CNAM) :
<https://www.cnam.fr/site-fr/>
- École des Hautes Études en Santé Publique (EHESP) :
<http://www.ehesp.fr>
- École des Hautes Études en Sciences Sociales (EHESS) :
<https://www.ehess.fr>
- France Universités :
<https://franceuniversites.fr/en/>
- Fédération Nationale des Observatoires Régionaux de la Santé (FNORS) :
<http://www.fnors.org/index.html>
- Fondation Nationale des Sciences Politiques (FNSP) :
<https://www.sciencespo.fr/fr/>
- Institut de Recherche pour le Développement (IRD) :
<https://www.ird.fr/>
- Institut National de Recherche pour l’agriculture, l’alimentation et l’environnement (INRAE) : <https://www.inrae.fr>
- Institut National de la Santé et de la Recherche Médicale (INSERM) :
<https://www.inserm.fr>
- Observatoire Français des Drogues et des Tendances addictives (OFDT) :
<https://www.ofdt.fr/>
- Santé publique France (SpF) :
<https://www.santepubliquefrance.fr/>

T1.2. Please update the main institutions/associations/bodies/programmes (public or private) funding drug-related research in your country.
Please provide links, also to pages in English, if available.

- The Fund for Combating Addiction (FLCA) is the main funding source for research on drugs and addictive behaviours in France. It was created within the *Caisse Nationale de l'Assurance Maladie* [National Health Insurance Fund] by the [law no. 2021-1754 of 23 December 2021](#) on the financing of social security for 2022. It succeeds the "fonds de lutte contre les addictions liées aux substances psychoactives" [Fund for Combating Addiction to psychoactive substances] (set up in 2019 by [law no. 2018-1203 of 22 December 2018](#)), which itself replaced the "fonds de lutte contre le tabac" [Fund for Combating Tobacco] (set up in 2017 by [decree no. 2016-1671 of 5 December 2016](#)). This modified, among other things, the volume and distribution of resources dedicated to research, with a substantial annual sum earmarked to "support knowledge sharing, innovation, applied research and the evaluation of prevention and care actions".
- The Interministerial Mission for Combating Drugs and Addictive Behaviours (MILDECA: <http://www.drogues.gouv.fr/>) is the central structure responsible to the Prime Minister for coordinating governmental action in the drugs field. Part of his role is to promote and fund drug related research. In line with the National Drug Action Plan 2018-2022, the MILDECA supported new annual [calls for proposals](#) and extended collaborations with research organizations/universities and with the ANR. It also promoted clinical research networks and dissemination initiatives towards the scientific community and policy makers. Measure 6 of the national anti-narcotics plan adopted in September 2019 (Ministère de la Justice *et al.* 2019), provides for updated studies analysing the evolution of use and the impact of drug trafficking on the functioning of society in conjunction with the MILDECA "because curbing the influence of drugs in certain regions is complex".
- The Ministry of Higher Education, Research and Innovation (MESRI: <https://www.enseignementsup-recherche.gouv.fr/>) designs, coordinates and implements national policy on research and innovation. A large scope of research areas ranging from neurosciences, through public health and clinical research to social sciences is mainly covered by two major academic operators: the National Centre for Scientific Research (CNRS) and the National Institute for Health and Medical Research (INSERM).
- The French Research Agency (*Agence Nationale de la Recherche* – ANR: <http://www.agence-nationale-recherche.fr/en/project-based-funding-to-advance-french-research/>) is in charge of programming national research and innovation. The agency establishes the thematic priorities of research and allocates the resources. Every year, the agency launches calls for tenders covering a large spectrum of scientific areas.
- The Ministry of Health and Prevention (MSP: <https://solidarites-sante.gouv.fr/>) funds, in specific years, clinical projects on addiction treatment in hospitals (under the programme "*Programme Hospitalier de Recherche Clinique*" - PHRC). It also funds studies on specific populations of drug users, interventions (prevention, treatment, harm reduction) or legal disposition.
- The National Research Agency on AIDS (*Agence Nationale de Recherche sur le Sida* – ANRS: <https://www.anrs.fr/>) and the French Public Health Agency (*Santé publique France*: <https://www.santepubliquefrance.fr/>) implement regular surveys and research projects, notably on the links between injecting drug use and infectious diseases (mainly HIV and HCV). Under the supervision of the MESRI (Ministry of Higher Education, Research and Innovation) and the MSP (Ministry of Health and Prevention), the ANRS also brings together an inter-institutional network of national and international doctors and researchers, patient associations and representatives of civil society, working together to

define and implement projects. SPF's research and expertise work on addictions is carried out within the framework of two units of the agency, one being dedicated to infectious diseases and the other devoted to prevention and health promotion.

- The French National Cancer Institute (*Institut national du cancer* – INCa: <http://en.e-cancer.fr/>) is the preeminent health and science agency in charge of cancer control in France, created in 2004. It reports to the ministries for Health and for Research. About half of its budget (€100 million) is allocated to research funding. Each year, the Institute organises more than fifteen competitive calls for proposals in the areas of research, public health, cancer care organisation and patient information.
- The Institute for Public Health Research (*Institut de Recherche en Santé Publique GIS-IreSP*, <http://www.iresp.net/>) helps support and facilitate research into psychoactive substance use and addiction through a funding mechanism composed of calls for research proposals, calls for applications for PhD grants, calls for support actions. It is financed by the Fund for Combating Addiction.
- Regional health agencies (*Agences regionales de santé - ARS*) implement national health policy at local level. The regional roadmaps drawn up for this purpose may include budgets for addiction research projects.
- NGOs and foundations (such as the *Fondation de France*) representing practitioners, users and companies (alcohol suppliers, tobacco industry and pharmaceutical laboratories) also regularly fund surveys and research project in these areas.

T1.3. Please update the list of the main national scientific journals where drug-related research is published in your country. Please provide links, also to pages in English, if available.

Name	Topic	Language	Abstract
Actualités pharmaceutiques https://www.em-consulte.com/revue/ACTPHA	Treatment	French	English
Addiction(s) : recherches et pratiques https://www.federationaddiction.fr/productions/revue/	Treatment	French	French
Alcoologie et Addictologie http://www.alcoologie-et-addictologie.fr/ http://www.alcoologie-et-addictologie.fr/index.php/aa/user/setLocale/en_US?source=%2Findex.php%2Faa	Treatment	French, English	English
Annales Médico-psychologiques, revue psychiatrique https://www.sciencedirect.com/journal/annales-medico-psychologiques-revue-psychiatrique	Psychiatry	French, English	English
Bulletin de l'Académie Nationale de Médecine https://www.sciencedirect.com/journal/bulletin-de-l-academie-nationale-de-medecine	Public health	French	English
Bulletin Épidémiologique Hebdomadaire https://www.santepubliquefrance.fr/revues/beh/bulletin-epidemiologique-hebdomadaire	Epidemiology and public health	French	English
Cahiers de la Sécurité et de la Justice https://www.ihemi.fr/publications/les-cahiers-de-la-securite-et-de-la-justice	Sociology and political science	French	English
Le Courrier des Addictions https://www.edimark.fr/courrier-addictions	Addiction all topics	French	English

Déviante et Société https://www.cairn.info/revue-deviance-et-societe.htm https://www.cairn-int.info/journal-deviance-et-societe.htm	Sociology and political science	French	English
EchoGéo https://journals.openedition.org/echogeo/	Geopolitics	French	English
L'Encéphale https://www.sciencedirect.com/journal/lencephale	Treatment	French	English
L'Information Psychiatrique https://www.jle.com/en/revues/ipe/revue.phtml	Treatment	French	English
Politix, revue des sciences sociales du politique https://www.cairn.info/revue-politix.htm https://www.cairn-int.info/journal-politix.htm	Human and social sciences	French	English
La Presse Médicale https://www.sciencedirect.com/journal/la-presse-medicale	Health	French	English
Psychotropes, Revue internationale des toxicomanies et des addictions https://www.cairn.info/revue-psychotropes.htm	Treatment	French	English
Revue d'Épidémiologie et de Santé Publique https://www.sciencedirect.com/journal/revue-depidemiologie-et-de-sante-publique	Epidemiology and public health	French, English	English
Revue Française des Affaires Sociales https://www.cairn.info/revue-francaise-des-affaires-sociales.htm https://www.cairn-int.info/journal-revue-francaise-des-affaires-sociales.htm	Human and social sciences	French	English
Revue Française de Sociologie https://www.cairn-int.info/revue.php?ID_REVUE=E_RFS https://www.cairn-int.info/journal-revue-francaise-de-sociologie.htm	Sociology	French, English	English
La Revue de médecine interne https://www.em-consulte.com/produit/revmed	Medical Sciences	French	English
La Revue du Praticien - Monographie http://www.larevuedupraticien.fr/revue	Medical Sciences	French	English
Santé Publique https://www.cairn.info/revue-sante-publique.htm https://www.cairn-int.info/journal-sante-publique.htm	Epidemiology and public health	French	English
Sciences Sociales et Santé https://www.jle.com/fr/revues/sss/revue.phtml http://www.jle.com/en/revues/sss/revue.phtml	Human and social sciences	French, English	English
Sécurité globale https://www.cairn.info/revue-securite-globale.htm	Sociology and political science	French	English
Sociologie https://www.cairn.info/revue-sociologie.htm https://www.cairn-int.info/revue.php?ID_REVUE=E_SOCIO	Sociology	French	English
Therapies https://www.sciencedirect.com/journal/therapies	Treatment	French, English	English
Toxicologie Analytique et Clinique https://www.sciencedirect.com/journal/toxicologie-analytique-et-clinique	Toxicology	French, English	English

T1.4. Please update the list of drug-related research relevant websites/resources you would like us to include in your research country profile. Provide links, also to pages in English, if available.

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T2. Trends (Not applicable for this workbook)

T3. New developments

The purpose of this section is to provide information on any notable or topical developments observed in drug-related research in your country **since your last report**.

T1 is used to establish the baseline of the topic in your country. Please focus on any new developments here. If information on recent notable developments have been included as part of the baseline information for your country, please make reference to that section here. It is not necessary to repeat the information.

T3.1. Please update the list of the main drug-related, recent/on-going since your last report studies/research projects in your country. Please provide links, also to pages in English, if available.

If possible, classify each study/research project under one of the following categories:

- (1) Basic biological, neurobiological and behavioural research (including aetiological and addictive behaviour research);
- (2) Population based and clinical epidemiology (including site surveys, ethnographic studies and acute toxicity studies);
- (3) Demand reduction (including prevention, treatment, harm reduction, reintegration and clinical treatment research);
- (4) Supply, supply reduction and crime;
- (5) Drug policy (including laws, economic issues and strategies);
- (6) Other topics.

If it is not possible to identify the main drug-related on-going studies/research projects in your country, please provide a list of the most relevant current bibliographic references.

Since 2022, the scope of public research funding has been extended to so-called substance-free addictions (screens, gambling and video games) by Article 84 of [Law no. 2021-1754 of 23 December 2021](#) relating to the Social Security financing for 2022. This expansion aims to respond to the concerning reports of problematic uses observed in recent years, mainly among adolescents and young adults.

The information currently collated concerning the efforts devoted to research is set out below.

In 2023, the FLCA financed 41 research projects supported by INCa (National Cancer Institute) and IReSP (Institute for Public Health Research) in many disciplines (neurosciences, epidemiology, public health, economics, social sciences, etc.) for an amount of €8.4 million.

Among the research projects financed in 2023 were 7 PhDs and support for 6 young researchers on addictions.

Notably in 2023, 22 research projects, two of which were theses, were finalised. These included the young researcher project MG CAST: "Validation of Cannabis Abuse Screening Test in General Practice" – or even on cravings.

Moreover, improving knowledge of the illicit supply of drugs is one of the priorities of the national plan to combat drugs (Ministère de la Justice *et al.* 2019) jointly led by the Ministry of Justice, the Ministry of the Interior and the Ministry of Action and Public Accounts.

Within this area of research, in 2023, MILDECA financed (via the Narcotics support fund) 8 research projects for a total of 1.1 million euros, including the PIRALAD (Interministerial Applied Research Programme to Combat Drugs) programme, the 2023 budget for which was €430 000. This programme supported four new research projects in 2023: a research project on cocaine trafficking through French and European ports (Sciences Po-Rand Europe), one

on the flow of drugs affecting France (GI-TOC), another on the criminological and judicial analysis of international drug trafficking cases from 2004 to present (ICP-Université Paris 2), and an experimental research project on the forensic identification of the sources of cocaine seizures (IRCGN, Forensic Sciences Institute of the French Gendarmerie).

Moreover, MILDECA contributed to the launch of a new international research project on “the nexus between drugs and crimes that affect the environment in the Amazon Basin”, in partnership with the UNODC, published in the World Drug Report in June 2023 (UNODC 2023). In 2023, MILDECA also financed three other research projects covering the following themes: 1/ links between sexual and gender-based violence in relation to psychoactive substances in a student environment (UGA), 2/ profiles and motivations of cocaine traffickers in French Guiana (AKATIJ), and 3/ effects of cannabis use on absenteeism in the workplace (INSERM).

MILDECA is also expanding its actions aimed at scientific evaluations, such as for:

- (a) "evaluation of the experimental LIMITs trafficking prevention programme" (2020-2024) and
- (b) "evaluation of problem-solving justice programmes in France" (2022-2024).

Since its creation in 2019, the FLCA has funded specific OFDT research projects.

Almost all of these projects take place over several years. In 2023, a total budget of €3 240 000 was allocated to the continuation and finalisation of six multi-year research projects, and the launch of a new observational study in overseas territories:

- TABATRAJ (Trajectories of tobacco use and cessation), a qualitative survey aimed at describing smoking careers and experiences with smoking.
- ESSPRI (*Enquête sur la santé et les substances en prison/Survey on health and substances in prison*), aiming to better assess the consumption of inmates.
- TUPSALCO (*Trajectoires d'usages et parcours de soin : regards croisés des professionnels et des usagers d'alcool/Trajectories of use and treatment pathways: the differing perspectives of professionals and alcohol users*), a survey aimed at putting into perspective the trajectories of consumption and the provision of care offered to patients seen in withdrawal, aftercare or primary care settings.
- NOVURC (*Nouveaux visages des usagers du cannabis/New faces of cannabis users*), a survey aimed at describing and understanding the practices of adult (26-64 years old) regular cannabis users, their history of use, trajectories and lifestyles.
- CIPPAL (*Comparaison internationale des politiques publiques de contrôle de l'accès, de la vente et du marketing alcool/ International Comparison of Public Policies for Controlling the Attractiveness and Accessibility of Alcohol*) a survey aimed at drawing up an inventory of the legislation and conditions of access to the supply of alcohol.
- EROPP (*Enquête sur les représentations, opinions et perceptions sur les psychotropes/Survey on representations, opinions and perceptions regarding psychoactive drugs*) has two main objectives: 1/ to measure changes in the French population's opinions of psychoactive substances and their users over the past 25 years, and 2/ to document social representations of issues currently being debated in the public arena (legalization of cannabis, perception of risks associated with alcohol, tobacco and cannabis consumption, legislation on various psychoactive substances, etc.). The 2024 survey will also include data on the estimated prevalences of illicit drug use in the French general population, which has not been available since 2017.

- OUDOM (Observations of drug use in the French overseas departments and territories), aiming to 1/ deploy the OFDT's SINTES network in collaboration with actors in the field and laboratories and 2/ conduct qualitative fieldwork on the use and supply of illicit psychoactive substances.

Furthermore, in 2023, 1 clinical research project was financed as part of the PHRI programme (hospital nursing and paramedical research programme). It aimed to evaluate the impact of the scheduled hospitalisations plan on the quality of life of patients with severe alcohol use disorders (ALQUALI).

In total, since 2018, over 216 research projects have been financed, for around 46 million euros. This commitment ranks France seventh among the countries with the most significant scientific research output on addictions.

The total number of scientific publications on addiction published in 2023 up to the first quarter of 2024 equals 213, of which:

- Publications on addiction/addictology : 30
- Publications on cannabis: 38
- Publications on cocaine / crack: 16
- Publications on opioids: 32
- Publications on NPS: 15
- Publications on nitrous oxide: 8
- Publications on several products: 59
- Publications on other substances: 15

Bibliography 2023-1st quarter 2024

(1) Basic biological, neurobiological and behavioural research (including aetiological and addictive behaviour research) = 54 articles

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Arbouche, N., De Lestrage, A., Hacquet, R., Ricaut, F.-X., Raul, J.-S. and Kintz, P. (2023). Analyse de flacons d'ayahuasca séculaires : détermination de la composition des substances actives après cent ans de conservation [Testing secular ayahuasca bottles: Determination of the composition of the active substances after 100 years of storage] (with English abstract). Toxicologie Analytique et Clinique 35 (4) 328-334, 10.1016/j.toxac.2023.07.004.

Arbouche, N., Gheddar, L., Guyon, J., Matheux, A., Becam, J., Boland, L. *et al.* (2023). Pediatric cannabis intoxication in France and Belgium: A 3-year retrospective study. Toxicologie Analytique et Clinique 35 (4) 284-292, 10.1016/j.toxac.2023.05.003.

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Benyamina, A. and Blecha, L. (2023). Addiction et état maniaque (in French only). Santé Mentale (277) 56-61.

Bertrand, K., Knight, S. and Jauffret-Roustide, M. (2023). Recherche participative : perspectives croisées autour des savoirs académiques et expérientiels dans le domaine des addictions [Participatory research: Intersecting perspectives on academic and experiential knowledge in the field of addiction] (with English abstract). Santé Publique 35 (HS2) 85-90.

Blaise, M. and Arends, C. (2023). Disparaître dans le crack pour subsister. Approche clinique phénoménologique et psychopathologique de l'addiction au crack [Disappearing into crack to survive: a phenomenological and psychopathological clinical approach to crack addiction] (with English abstract). Psychotropes 29 (4) 79-103, 10.3917/psyt.294.0079.

Bouquet, E., Blouin, P., Pérault-Pochat, M.C., Carlier-Guérin, C., Millot, F., Ricco, J.B. *et al.* (2023) Maternal, fetal and neonatal outcomes related to recreational cannabis use during pregnancy: Analysis of a real-world clinical data warehouse between 2010 and 2019. International Journal of Environmental Research and Public Health 20 (17) 6686, 10.3390/ijerph20176686.

Camus Charron, M. and Duriez, N. (2023). Exploration des interactions entre le TDAH, la régulation émotionnelle et les conduites addictives. Étude de deux jeunes adultes [Exploring the interactions between ADHD, emotion regulation, and addictive behaviors. Study of two young adults] (with English abstract). Psychotropes 29 (2-3) 169-194, 10.3917/psyt.292.0169.

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Sud, A., Chiu, K., Friedman, J. and Dupouy, J. (2023) Buprenorphine deregulation as an opioid crisis policy response - A comparative analysis between France and the United States. International Journal of Drug Policy 120 104161, 10.1016/j.drugpo.2023.104161.

(6) Others = 0 article

T4. Additional information

The purpose of this section is to provide additional information important to drug-related research in your country that has not been provided elsewhere.

T4.1. **Optional.** Please describe any additional important sources of information, specific studies or information on drug-related research priorities. Where possible, please provide references and/or links.

T.4.2. **Optional.** Please describe any other important aspect of drug-related research that has not been covered in the specific questions above. This may be additional information, a reference to an organisation in your country that monitors national drug-related research, the availability of a bibliography of recent studies or new areas of specific importance for your country.

T5. Sources and methodology

The purpose of this section is to collect sources and bibliography for the information provided above, including brief descriptions of studies and their methodology where appropriate.

T5.1. Please list notable sources for the information provided above.

MILDECA (2023). Stratégie interministérielle de mobilisation contre les conduites addictives 2023-2027 [Interministerial strategy for mobilisation against addictive behaviours 2023-2027]. Mission interministérielle de lutte contre les drogues et les conduites addictives, Paris. Available: <https://www.drogues.gouv.fr/le-gouvernement-publie-la-strategie-interministerielle-de-mobilisation-contre-les-conduites> [accessed 03/06/2024].

Ministère de la Justice, Ministère de l'Action et des Comptes publics and Ministère de l'Intérieur (2019). Plan national de lutte contre les stupéfiants. Dossier de presse du mardi 17 septembre 2019. Available: <https://www.interieur.gouv.fr/Actualites/L-actu-du-Ministere/Plan-national-de-lutte-contre-les-stupefiants> [accessed 03/06/2024].

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