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Prof. Frédéric Gonand

Professor of economics at University Paris Dauphine-PSL

Former Commissioner of the French Energy Regulation Authority

Former economic advisor to the French Minister of the Economy



Professional experience

- 2013-... **Professor of economics at University Paris Dauphine-PSL. Consultant. Economic advisor of the employers' trade union in the industry (UIMM). Director of Master degrees & Executive MBA.**
Energy economics. Scientific publications in energy economics. Senior consultant for consulting firms, investment funds, professional organizations, financial institutions, international arbitrations. Economic advisor and member of the executive committee of the French employers' trade union in the industrial sector (UIMM). Director of the Institute of Wealth management (3 Master degrees) and of the Executive MBA Insurance of Dauphine (CHEA).
- 2011-2013 **Commissioner of the French Energy Regulation Authority.** Appointed by the President of the French Republic after official hearings in the Parliament. Decisions of the Energy Regulation Authority: tariffs for transport and distribution of electricity (15bn€ per year) and natural gas (3,6bn€ per year) as well as for LNG terminals. Investments of the regulated operators (2,3bn€ per year).
- 2007-2011 **Economic advisor in the private office of the Minister of the Economy, Finances and Employment** (Mrs Christine Lagarde) – Definition with the Minister of her strategy and statements about growth, the economic context and policy. Public assessment of the impacts of economic policy on growth; macroeconomic forecasts for the Budget laws. Reforms of social security schemes. French pension reform (2010). Coordination of the Departments of the Ministry involved (Treasury, Statisticians...).
- 2004-2007 **Organization for Economic Cooperation and Development (OECD) – Economics Department.** OECD studies on the impact of pension reforms on growth ; on reforms increasing the economic efficiency of public spending in education ; on policies restoring public finance sustainability in Europe.
- 2000-2004 **Ministry of the Economy, finances and industry.** Deputy head of the Economic forecast department (2000-2002); and of the Financial markets economics department (2002-2004).

Education

- 2020 *Elected for Professorship by the Conseil National des Universités* (section 05 – economics).
- 2017 French qualification for PhD and research center supervision (**Habilitation à Diriger des Recherches**, University Paris Dauphine-PSL). Theme: « Transitions, growth and intergenerational inequality ».
- 2007 **PhD in economics - Ecole Polytechnique** (French top school for engineers). Theme: “*Pension reforms: macroeconomic impact and redistributive issues*”. Summa cum laude.
- 2000 **Ecole Nationale d'Administration** (French top school for civil servants).
- 1997 Master of Law (University of Paris II, 1997).
- 1995 Master of Political Sciences (Institut d'Etudes Politiques de Paris, laureate, 1995).
- 2004 Master of Economic analysis (EHESS-X-Ensaie-ENS Ulm, 2004).

Selection of articles in peer-reviewed academic journals

- “A hybrid electricity-economy model to assess the aggregate impacts of low-carbon transition: an application to France” (with D.Corbier)(2024), *Ecological Economics*, v.216, 108027. (CNRS Cat.1; Q1).
- “The aggregate effects of the structure of information in low-carbon transition policies: an empirical application to France” (with D.Corbier)(2023), *Energy and Climate Change*, v.4, 100115.
- “Estimating the Impact of Energy Price Reform on Saudi Arabian Intergenerational Welfare using the MEGIR-SA model” (with F.Hasanov and L.Hunt)(2019), *Energy Journal*, 40(3), pp.25-47.
- “Inégalité intergénérationnelle et recyclage d'une taxe carbone” (2019), *Revue Economique*, 2019/7.
- “Impacts of decentralised power generation on distribution networks: a statistical typology of European countries” (with D.Corbier and M.Bessec)(2018), *Environmental Modelling and Assessment*, v.23(5), pp.471-495.
- “The Carbon Tax, Ageing and Pension Deficits” (2016), *Environmental Modelling and Assessment*, v.21, p.307-322.

“The “second dividend” and the demographic structure” (with P.-A.Jouvet, 2015), *Journal of Environmental Economics and Management*, 72 (2015), pp.71-97. (CNRS Cat.1, Q1, best journal in environmental economics).

Director of PhD thesis in energy and metal economics

Darius Corbier : « Les effets macroéconomiques d’une transition bas carbone en France ». Defended June 18th, 2021.

Laura Atarody : « Effets macroéconomiques et de redistribution intergénérationnelle de la neutralité carbone dans le secteur de l’électricité en France d’ici 2050 ». Defended December 14th, 2022.

Guillaume Allart : « Choix d’investissements des industries dans la transition énergétique : contraintes et possibilités technologiques dans un cadre macroéconomique ». PhD begun in 2021.

Maylis Peyret : « Essay in the economics of metals ». PhD begun in 2022.

Public reports on energy issues

Entrusted by the French Energy Regulator (Commission de Régulation de l’Energie) :

Coordinator of the International Academic Group of CRE (2023)(w/ Pr. WHogan (Harvard) DNewbery (Cambridge) PHartley (Rice) ACreti (Paris) JMGlachant (FSR) CGollier (TSE) LVisconti (Milan) JPercebois (Montpellier) ALoeschel (Bochum) NFabra (Madrid))(2023): “*Beyond the crisis : re-thinking the design of power markets*”.

Chairman of the "energy networks and systems" working group of the Foresight Committee of the Commission de Régulation de l’Energie (2017-2019) responsible for submitting a public report on the 15-year outlook for energy networks. 2018: report on *energy storage*. 2019: report on *energy transition and local authorities*.

Consulting activities (examples)

Gonand (2024), *Report analysing the creation and distribution of the economic value of smart charging of electric vehicles for the producers and consumers*.

Gonand F. (2022), *White Certificates : theoretical optimum, empirical use, proposals of reforms*, Report for Engie.

Gonand F. and M.Derdevet (2021), *Economic and political analysis of the effects of the "Hercule" project on electricity distribution concessions*, Report for FNCCR.

Gonand F. and A.Creti, P.Geoffron, F.Roques (2021), *Networks of natural gas and sector coupling : an academic, methodological and regulatory approach of positive externalities*, Report for Engie.

Gonand F. (2020), *Economic analysis of the relevance of a biofuel heating sector to the ecological transition*, Report for the FF3C.

Gonand F. (2020), *Relocation - Favour policies that encourage European shareholding in European companies*, report for Fondapol.

Gonand F. (2019), *Report on the assessment of the socio-economic value of the quality of electricity supply by Enedis*, Report for Enedis.

Gonand F. (2018), *Economic analysis of a contract of transport of natural gas for an international arbitration*.

Misc.

Visiting researcher: Visiting Researcher at King Abdullah Petroleum Study And Research Center (KAPSARC) (Riyad, 2015-2016). Creation of the MEGIR model (published in *Energy Journal*, 2019).

Art History : PhD in Art History (EPHE + Louvre, 2022), « *L’influence des facteurs économiques sur la peinture italienne au XVIe siècle : une approche historiographique et transdisciplinaire* ». Dir. M.Hochmann et F.-R.Martin.

Professor of *Art Markets and Economics* (Louvre, Christie’s Education).

Book : Gonand F. (2023), *Une historiographie des origines du marché de l’art – tableaux italiens du XVIe siècle*, 376 p., éd. Classiques Garnier, pref. P.-M. Menger (Collège de France).

Wealth management : Gonand F. et A. de Bryas (2022)(dir.), *Manuel de Gestion de Patrimoine (du diagnostic aux stratégies financières, juridiques, fiscales et relationnelles)*, 448 pages, éd.Vuibert. 2nd edition, 2023. 3^e edition, 2024.

Interests: Painting (20th–21st + Italy 16th), ceramics, French poetry (20th). Knight of the Order of Academic Palms.

Columnist in the French national daily *L’Opinion*. English (fluent). Spanish (average). French (native).