

Yann Robiou du Pont (PhD)

Researcher on enhancing climate pledges

ORCID, Google Scholar, ResearchGate

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EXPERIENCE

EMPLOYMENT / MISSIONS

- 2023 - Utrecht **Researcher – Marie Curie Fellow**, University of Utrecht on quantifying equitable climate finance and mitigation.
- 2022 **Senior Climate Data and Policy Scientist** at the **OpenEarth**, supporting the **Climate Action Data 2.0** platform and the **UN Global Innovation Hub** to raise ambition of non-state actors, including at COP26.
- 2022 **Researcher** at Western Norway University on **climate cooperatives**. Research project writing and teaching.
- 2020 – 2022 **Researcher for Climate Analytics** managing projects on quantifying Paris aligned targets for major C40 cities worldwide, on a scientific report to the European Court of Human Rights of a litigation case against 33 countries. Contributions to the **Climate Transparency Report** and **1.5 pathways for France, Italy and Spain**.
- Since 2014 **Research consultancy on climate ambition and policies**, includes project management and fundraising
Australia/Europe
- **Scientific publication a fair international burden-sharing of mitigation efforts** commissioned by vulnerable countries (with an **interim report** presented at a **COP27 press conference**).
 - **Contribution to report on the Quantification of land-area needed to achieve climate targets** (2022).
 - **Scientific information to climate litigation cases: Urgenda v. The Netherlands, v. Germany, v. the EU, v. oil major Total, v. South Korea** and currently **v. France** and **33 European countries**.
 - **Independent expert advice on interim targets** for the Victorian Government, Australia, through the commissioned report **Greenhouse gas emissions budgets for Victoria** (2018).
 - **Review of climate policies in the EU**, contribution to the *Climate Transparency Report* and the *1.5°C Pathways Explorer* for Climate Analytics.
 - **Advisor with Climate Analytics** at COP21 to Small Islands Developing States and Least Developed Countries.
 - **Determination of cost-optimal emissions from the Australian electricity sector** for ZEN Energy (2017).
 - **Development of websites**: emissions embedded in fossil fuel exports and on countries' emissions pathways paris-equity-check.org (since 2017).
 - **Research** on Climate Justice (2014), emissions trajectories for G20 countries (2017).
- Teaching**: Lectures for Master's class in Law at Sciences Po, engineering at the CEA and Centrale Nantes and University of Western Norway and University of Melbourne.
- 2019 – 2020 **Research Fellow at IDDRI, Sciences Po**. Convening workshops with EU heads of delegation on enhancing of climate targets in key countries. Informing country specific strategies for the International Climate Politics Hub of key stakeholders of global climate action, including at COP25. Publication of policy briefs.
Paris France
- 2018 **Project Manager at Adelphi. Project V-LED** on Multi-Level Climate Governance and sub-national climate action in Africa and Asia. Coordination of workshops, research, publication of reports and policy briefs.
Berlin, Germany
- 12/2014 – 01/2015 **Oceanographic campaign to Antarctica**, contribution to biological and physical inboard sampling.
- June – October 2012, Arctic **Sailing the North-West Passage** scientific measurements and shooting of a documentary.
- 2010 - 2011 **Engineer in oceanography for the Institute of Research for Development in Benin**. Managing a regional database for West African countries. Including two oceanographic campaigns (12 weeks).
Benin & Atlantic

ACADEMIC RESEARCH and EDUCATION

- 2013 – 2018, University of Melbourne, Potsdam Institute for Climate, PIK **PhD thesis: Climate justice: can we agree to disagree? Operationalising competing equity principles to mitigate global warming** at the "Australian-German Climate and Energy College", University of Melbourne, with a year at the Potsdam Institute for Climate Impact Research (PIK).
- 2012, McGill University, **Ph.D. on sea-ice modelling** quit after passing the comprehensive exam.
- Summer 2010 **First selective Climate KIC European summer school on entrepreneurship in climate change**. Series of conferences and classes climate change related science and business opportunities.
Paris - London - Zurich
- 2006 - 2010 **Magistère of Fundamental Physics**, a selective three-year program completing BS and MS degrees with additional research experience and computing, economics and English courses.
Université Paris Saclay
- 2009 - 2010 **Master's in Ocean, Atmosphere and Climate Dynamics** at the LOCEAN (Université Paris VI - UPMC). **Master thesis**: Turbulent mixing process in the Indonesian seas.
Université Paris VI (UPMC)
- 2007 - 2009, University of Copenhagen and of Oxford **First year of Master's Degree with honours in Fundamental Physics**. Introduction to Cosmology, Quantum Optics, Experimental Particle and Nuclear Physics
- 2006-2007, Université Paris **Bachelor's degree with honours in Fundamental Physics**.

ADDITIONAL RESEARCH

May – July 2009
University of Berkeley.

Research assistantship, University of California, Berkeley. Study of volumetric strain associated with shear seismic waves. Publication of two posters.

2007 & 2008 – 2009
University of Oxford

Research assistantship, University of Oxford at the department of Astrophysics in theoretical cosmology. 2007: On the Sachs-Wolfe effect. **2008-2009:** The statistical distribution of the Sunyaev-Zel'dovich effect.

Summer 2008
Harvard University

Research assistantship, Harvard University in oceanography. Analysis of state-of-the-art coupled climate model output to study the variability and predictability of large-scale overturning.

PUBLICATIONS, OUTPUTS and IMPACTS- [ORCID 0000-0002-1275-9597](#)

Robiou du Pont, Meinshausen 2018 Warming assessment of the bottom-up Paris Agreement emissions pledges. *Nature Communications* 9.

Online. Ranked 8th at the **Top 50: Earth and Planetary Sciences** of Nature Communications. Interactive website at: [Paris-Equity-Check.org](#)

Robiou du Pont, 2017 PhD Thesis for The University of Melbourne - Climate justice: can we agree to disagree? Operationalising competing equity principles to mitigate global warming. **Online**

Robiou du Pont, Jeffery, Gütschow, Rogelj, Christoff and Meinshausen 2017 Equitable mitigation to achieve the Paris Agreement goals *Nature Climate Change* 7 38–43. **Online**

Robiou du Pont, Jeffery, Gütschow, Meinshausen 2016 National contributions for decarbonizing the world economy in line with the G7 agreement *Environmental Research Letter* 11, 054005. **Online**

Meinshausen, et. al 2015 National post-2020 greenhouse gas targets and diversity-aware leadership *Nature Climate Change* 1–10. **Online**

Pan et al. 2022 Decarbonization pathways to align China's energy system with the Paris goals *Science Bulletin* **Online**

Pan et al. 2022 Understanding equity-efficiency interaction in global carbon budgets *Advances in Climate Change Research* **Online**

Wierling et al. 2022 A Europe-wide inventory of citizen-led energy action, data from 29 countries and over 10000 initiatives, *Scientific Data* **Online**

Schletz et al. 2022 Climate data need shared and open governance *Correspondence in Nature* **Online**

Reports webtools

Policy Brief: Enhancing the ambition and implementation of Nationally Determined Contributions using Long-Term Strategies. **Robiou du Pont** and Vallejo 2019, (Paris, France). **Online**

Neither euphoria nor despair: Understanding the fall and rise of global energy-related CO₂ emissions. Spencer et al. 2019. IDDRI, **Online**

Greenhouse gas emissions budgets for Victoria. Meinshausen et al., 2018. University of Melbourne. **Online**

Multi-level climate governance in Vietnam. Strauch et al. 2018. adelphi. **Online**

Water and the city: Where adaptation and mitigation converge. Bellali, et al. 2018. adelphi. **Online**

The Paris Agreement global goals: What does a fair share for G20 countries look like? **Robiou du Pont** 2017. **Online**

The Climate Transparency Report 2021, Climate Transparency, 2021. Profiles for France and Italy. **Online**

1.5°C National Pathway Explorer, 2021. **Online.** Country Factsheet: [France](#)

The Land Gap Report 2022, Dooley et al. 2022. **Online**

Paris Traffic Light Assessment Report 2022, Robiou du Pont et al., 2022. **Online**

Acknowledged contributions to

Winter 2020, Armando Carvalho and Others v. EU: Invoking Human Rights and the Paris Agreement for Better Climate Protection Legislation *Transnational Environmental Law*, 9:1 137–164. **Online**

Moss 2016, Mining, morality and the obligations of fossil fuel exporting countries, *Australian Journal of Political Science*, 51:3, **Online**

Reviewing activity: UNEP Gap Report **2020 & 2021, 2022, IPCC-SR1.5, Global climate action from cities, regions and businesses – 2019, 36**

journal reviews including for *Nature Climate Change*, *Nature Communications*, *PNAS*, *Climatic Change*, *ERL*, *Climate Policy*.

Impact: Work used by the UK Committee on Climate Change to support **the net-zero target and 2030 target of 68% below 1990**; in climate litigation cases, by the IPC-Hub's diplomatic network and heads of national negotiation teams.

CURRENT NETWORKS and INITIATIVES

ICP-H	Hosted by the European Climate Foundation , the International Climate Politics Hub is a climate network where inside-game political influencers, diplomatic partners and advisers develop and align intervention strategies.
CAMDA	The Climate Actions, and the Climate Action Measurement, Data-collection and Analysis analyses subnational and private climate action. Convened by ClimateWorks, in partnership with the UNFCCC and Mission 2020 .
IGST	The Independent Global Stocktake , led by ClimateWorks, is a data and advocacy initiative that brings together climate modellers, analysts, campaigners and advocates to support the Paris Agreement Global Stocktake in 2023.

RESEARCH SCHOLARSHIPS

2013 – 2018	Melbourne International Engagement Awards, Melbourne International Fee Remissions.
2023 – 2025	Marie Skłodowska-Curie Actions (MCSA) from the European Commission

LANGUAGES

French	Mother tongue
English	Bilingual, 116/120 on the IBT TOEFL Test in 2008. Master and PhD thesis in English.
German	Good skills in speaking and writing. Lived 18 months in Germany.
Danish/Norwegian	Lived a year in Denmark and in Norway

MISCELLANEOUS

- Manual works: renovation of sailing boats, of an [old watchtower at sea](#) and participation in a wooden house construction