

Joseph Duffy

Consultant

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Languages: English



Expertise

- Infrastructure
- Performance, Productivity and Efficiency
- Regulation
- Sustainability and Climate Change

Sectors

- Energy
- Transport
- Water

Profile

Joe is a member of Oxera's Regulation and Analytics teams. He has worked across a range of regulated sectors and jurisdictions, including water, energy and transport. His work has spanned several areas including regulatory design, supporting companies in developing evidence to justify regulatory submissions and developing analytical models across a range of applications within regulation and competition economics.

Joe is a regular presenter at Oxera's biannual Utility Regulation and Utility Finance courses, at which he has presented sessions on topics including outcomes, cost assessment, service quality mechanisms and incentives. He has presented and published papers in the transport and water sectors.

Selected professional experience

- Ongoing work developing expert evidence as part of a litigation case for a European airport regarding a dispute relating to a CAPEX trigger in a concession contract (2020–)
- Provided advice to an electricity transmission company in formulating its response to cost assessment in Ofgem's draft determination—contributing towards achievement of a substantially better outcome at final determination stage (2020)
- Provided support to Anglian Water on developing evidence and submissions on a range of regulatory issues as part of its appeal of Ofwat's PR19 price review (2019–)
- Regulatory advice to Highways England on regulatory strategy issues, including framework design, service quality and efficiency (2019–)

- Developing a government sector policy for ports (airport and harbour) for an island economy, including specific policy recommendations and advice on a future framework for stakeholder engagement (2019–)
- Provided regulatory advice to a European airport in developing its business plan for the next regulatory period (2019)
- Provided strategic advice for a southern European regulated water company on strategic and regulatory issues in moving from a cost-plus regulatory model to a RAB–WACC framework (2019–)
- Supported the Jamaica Civil Aviation Authority in developing the price control in the airport sector for 2020. This included engaging with multiple stakeholder groups including airlines, local business and government (2018–)
- Developed econometric models of pricing in the air cargo market (2018)
- Developed a new tariff regime for developer charges for English water companies to implement, taking into account regulator guidance and balancing the views of different customer types and third-party service providers (2017)
- Analysis to support a merger in the European payments sector (2017)
- Advice to UK water companies in the context of cost assessment modelling for the 2019 price review (2016–)
- Ongoing regulatory advice to several companies in England and Wales providing support on responses to various Ofwat consultations, business plan submissions, wholesale and retail cost assessment modelling (2016–)
- Examined the effect that information exchange had on container shipping charges set by a large international shipping company (2016–17)
- Assessed the scope for cost efficiencies for a European regulated network business (2016)
- Analysed the contribution of the GB rail sector to the economy (2015)
- Modelled consumer preferences for Premier League pay-TV football, including conjoint analysis (2015)
- Modelled the benefits accruing to firms from membership of a global business listings service provider (2015)

Selected publications

- Duffy, J. and Horncastle, A. (forthcoming), ‘Benchmarking in the European water sector’, chapter in S.C. Ray, R. Chambers and S. Kumbhakar (eds), Handbook of Production Economics, vol. 2, Springer.
- Duffy, J., Horncastle, A. and Kumbhakar, S. (2018), ‘Cost efficiency in the England and Wales water industry: looking ahead to PR19’, DEA40 conference
- Duffy, J., Martin-Tonks, R. and Meaney A. (2015), ‘How Has the Change in the Industry Model Affected the GB Rail Sector?’, European Transport Conference 2015.

Qualifications

- MPhil Economics, University of Cambridge
- BSc Economics, University of Warwick