

Virginie BOUTUEIL, PhD.

Ingénieure des Ponts, des Eaux et des Forêts

virginie.boutueil@enpc.fr

+33 1 81 66 88 99

French Nationality

WORK EXPERIENCE

- 2018- **Deputy-director**
City Mobility Transport Lab (LVMT), UMR T-9403, Ecole des Ponts ParisTech – IFSTTAR – UPEM
- 2016- **Deputy-director**
Sustainable Mobility Institute Renault-ParisTech (IMD)
- 2014- **Researcher**
Ecole des Ponts ParisTech, City Mobility Transport Lab (LVMT)
Research keywords: New Mobility Services, Smart Mobility, Electric Mobility, Corporate Fleets
Research grants: Corri-Door, Pilot and research project with the partners EdF, Sodétrel, Renault, Nissan, BMW, Volkswagen, and ParisTech. Partial funding by INEA (ex. TEN-T), Apr. 2014 – Dec. 2015; NexMob, Research project for IMD (Sustainable Mobility Institute Renault-ParisTech), July 2016 – Dec. 2019; Vacom, Research project for DGITM (French Ministry of Transport), Sep. 2017 – Dec. 2018; Simplify Mobility Tool, Research project for WBCSD, July 2018 – Dec. 2018.
Visiting scholar at Simon Fraser University (SFU), School of Resource and Environmental Management (REM), Sustainable Transportation Action Research Team (START), Vancouver, BC, Canada, Apr. 2016 – Sep. 2016
- 2011-2014 **Junior researcher (PhD. Candidate)**
Ecole des Ponts ParisTech, City Mobility Transport Lab (LVMT)
Doctoral thesis: Towards a sustainable mobility system: Leveraging corporate car fleets to foster innovation (2015)
- 2011 **Project manager “Mobility in a low-carbon society”, Associate researcher**
Climate Economics Chair
- 2007-2010 **Civil aviation and space counsellor**
Economic Services of the French Embassy in China
- 2005-2007 **Deputy head of unit**
Air transport and airport economic studies Unit, Directorate-General for Civil Aviation (DGAC)
- 2004-2005 **Analyst**
Air transport and airport economic studies Unit, Directorate-General for Civil Aviation (DGAC)
- 2004 (*6m.*) **Project leader (intern)**
Air France, Security Department

CURRENT TEACHING ACTIVITIES

- MOOC Electric Vehicles and Mobility (Feb. 2018) <https://www.coursera.org/learn/electric-vehicles-mobility>
- MOOC Mobilités et véhicules électriques (Nov. 2017) <https://www.coursera.org/learn/mobilites-vehicules-electriques>
- Transport-Mobility-Energy (2018), Seminar, Advanced Master Programme in Public Action in Morocco, Ecole des Ponts ParisTech
- Economics of Mobility Services (since 2017), Master-level class, Advanced Master Programme in Smart Mobility, Ecole des Ponts ParisTech and Telecom ParisTech
- Tools for Analysing Mobility Behaviours (since 2014), Master-level class, Engineering curriculum, City Environment Transport Department, Ecole des Ponts ParisTech
- Design of Mobility Services (since 2014), Master-level class, Master Programme in Transport and Sustainable Development, Ecole des Ponts ParisTech, Ecole des Mines ParisTech, Ecole Polytechnique

MISCELLANEOUS ACTIVITIES

- 2018- Member of Ecole des Ponts ParisTech's Council for Education and Research
- 2018- Member of UC Davis' International EV Policy Council
- 2018- Member of the Swedish Energy Agency's Sustainable Mobility Challenge Evaluation Panel
- 2018- Member of the Editorial Board of *Transports, Infrastructures & Mobilités*
- 2017- Member of ECTRI's Task Force for ITF's Decarbonising Transport initiative
- 2016- Member of TRB's Standing Committee on Alternative Transportation Fuels and Technologies
- 2016- Member of Université Paris-Est's Academic Council
- 2016- Member of Paris&Co's Evaluation Panel for the Sustainable Urban Logistics and Mobility Platform
- 2012-2018 Scientific Secretary of the French National Academy of Technologies' Mobility and Transport Committee
- 2015-2017 Coordinator of IFSTTAR's Group of Exchange and Research on Electric Vehicles (GERI VE)
- 2015 Member of ITF's Task Force on Air Transport Liberalization
- 2012-2015 Member of Safran Group's Think Tank Cercle Innovation Prospective (CIP)

DIPLOMAS

- 2015 Ph.D, Economics, Université Paris-Est
- 2011 Master Degree, Economics of Sustainable Development, Environment and Energy, Ecole des Ponts ParisTech
- 2004 Engineering Degree, Civil Aviation Design and Operations, Ecole Nationale de l'Aviation Civile

LANGUAGES

- French** Mother tongue
- English** Fluent, TOEIC 990 (2011)
- Spanish** Advanced, but rusty
- Mandarin** Intermediate

RECENT PUBLICATIONS

Books and Book Chapters

- Aguilera A., **Boutueil V.** (2018) *Urban Mobility and the Smartphone: Transportation, Travel Behavior and Public Policy*. Elsevier. ISBN: 978-0-1281-2647-9.
- Boutueil V.** (2018) New Mobility Services. In: Aguilera A., Boutueil V. (2018) *Urban Mobility and the Smartphone: Transportation, Travel Behavior and Public Policy*. Elsevier, pp. 39–78.
- Aguilera A., **Boutueil V.** (2018) Implications for public policy. In: Aguilera A., Boutueil V. (2018) *Urban Mobility and the Smartphone: Transportation, Travel Behavior and Public Policy*. Elsevier, pp. 143–167.
- Boutueil V.**, Aguilera A. (2018) Impacts and challenges for developing countries. In: Aguilera A., Boutueil V. (2018) *Urban Mobility and the Smartphone: Transportation, Travel Behavior and Public Policy*. Elsevier, pp. 169–199.
- Boutueil V.** (2018) Mobilités électriques : enjeux et conditions de diffusion. In: Landau B, Diab Y. (Eds.) *Le nouveau monde de la mobilité*, Presses des Ponts, 105-116. ISBN: 978-2-8597-8517-8.
- Boutueil V.**, Russo R. (2011) Panorama: Emissions reduction in the transport sector - a complex challenge. In: De Perthuis C., Jouvét P.-A. (Eds.) *Climate Economics in Progress 2011*, Economica, 170-182. ISBN: 978-2-7178-6112-9.
- Boutueil V.**, Russo R. (2011) Road transport: The biggest chunk. In: De Perthuis C., Jouvét P.-A. (Eds.) *Climate Economics in Progress 2011*, Economica, 183-203. ISBN: 978-2-7178-6112-9.
- Boutueil V.**, Solier B., Russo R. (2011) The inclusion of aviation in the EU-ETS. In: De Perthuis C., Jouvét P.-A. (Eds.) *Climate Economics in Progress 2011*, Economica, 204-219. ISBN: 978-2-7178-6112-9.

Publications in Scientific Journals

- Boutueil V.**, Quillier T., Voskoboinikova A. (2019, *in press*) The benefits and pitfalls of deregulating taxi markets: Can contrasted cas studies help inform the debate?, *Transportation Research Record: Journal of the Transportation Research Board*.
- Coulombel N., **Boutueil V.**, Liu L., Viguie V., Yin B. (2019, *in press*) Transport innovations and rebound effects: The case of urban ridesharing, *Transportation Research Part D*. DOI: 10.1016/j.trd.2018.12.006
- Boutueil V.** (2016) Fleet Management and the Adoption of Innovations by Corporate Car Fleets: Exploratory Approach. *Transportation Research Record: Journal of the Transportation Research Board*, 2598, 84-91. DOI: 10.3141/2598-10
- Eskenazi M., **Boutueil V.** (2016) L'Asie du Sud-Est, un terrain d'innovation par le numérique pour la mobilité ? Etude de cas à partir des services de taxi à Ho Chi Minh Ville et Kuala Lumpur, *Réseaux*, 200, 61-86. DOI : 10.3917/res.200.0061
- Eskenazi M., Pierre M., **Boutueil V.**, Escoffier C. (2016) Le numérique, indispensable vecteur de la mobilité électrique ?, *Netcom*, 31-3/4. DOI : 10.4000/netcom.2769
- Boutueil V.**, Le Néchet F. (2016) Note de lecture sur La métropole logistique. Le transport de marchandises et le territoire des grandes villes, Laetitia Dablanç et Antoine Frémont (dir.), *Flux*, 106, 107-112. DOI : 10.3917/flux1.106.0107

Research Reports

- Thébert M., Lesteven M., **Boutueil V.** (2018) Le véhicule autonome comme construction médiatique et sociale, Final Report, Project VACOM for DGITM.
- Morganti E., **Boutueil V.**, Leurent F., Guillemot A., Crague G., Marcocchia G., Maniak R., Eskenazi M., Miranda J., Pierre M. (2015) *Investigating Key Success Factors for EV Charging Corridors Development*, Final Work Package Report, TEN-T Project Corri-Door, 2013-EU-92055-S.
- Morganti E., **Boutueil V.** (2015) Evolution of EV/PHEV market: Market trends and potential market for electric vans, Final Task Report, TEN-T Project Corri-Door, 2013-EU-92055-S.
- Eskenazi M., Miranda J., **Boutueil V.**, Pierre M. (2015) Mobilité électrique, charge publique et charge rapide : Analyse des usages, Final Task Report, TEN-T Project Corri-Door, 2013-EU-92055-S.
- Morganti E., **Boutueil V.**, Leurent F. (2015) BEVs and PHEVs in France: Market trends and key drivers of their short-term development, Preliminary Task Report, TEN-T Project Corri-Door, 2013-EU-92055-S.

Publications in Professional Journals

- Leurent F., **Boutueil V.** (2018) L'électromobilité: Une décennie de développement, *TEC*, 238, 18-21.
- Boutueil V.**, Savy M. (2017) Les VUL dans la ville : enjeux de connaissance, enjeux d'action publique, *Transports, Infrastructures & Mobilités*, 505, 46-50.

Boutueil V. (2013) Enjeux et défis de la transition énergétique dans les transports, *Liaison Energie Francophonie*, 93, 78-84.

Communications in International Conferences

- Boutueil V.**, Mornon C. (2019) Essor des plateformes numériques de mobilité dans les grandes villes africaines et stratégies concurrentielles des plateformes internationales et locales, 2èmes Rencontres Francophones Transport Mobilité (RFTM), June 11-13, Montréal, Canada.
- Voskoboynikova A., **Boutueil V.** (2019) Le rôle des choix stratégiques des acteurs dans l'évolution des services de mobilité : analyse comparative de cas contrastés (Paris et Londres), 2èmes Rencontres Francophones Transport Mobilité (RFTM), June 11-13, Montréal, Canada.
- Lesteven G. **Boutueil V.** (2019) Quelle planification des déplacements dans les villes en mutation rapide ? Exemples africains, 2èmes Rencontres Francophones Transport Mobilité (RFTM), June 11-13, Montréal, Canada.
- Boutueil V.**, Quillier T., Voskoboynikova A. (2019) The benefits and pitfalls of deregulating taxi markets. Can contrasted case studies help inform the debate? Transportation Research Board (TRB) 98th Annual Meeting, Jan. 13-17, Washington D.C., United States.
- Boutueil V.**, Lesteven G., Saravia J. (2019) What role for research in the autonomous vehicle innovation ecosystem? Insights from a meta-analysis of 298 TRB papers over 5 years. Transportation Research Board (TRB) 98th Annual Meeting, Jan. 13-17, Washington D.C., United States.
- Boutueil V.**, Tanikawa K., Voskoboynikova A. (2018) Exploring shared mobility services beyond the common-sense understanding: a combination of diachronic and spatial analysis based on case studies of Paris and London. Mobil.TUM International Scientific Conference on Mobility and Transport, June 13-15, Munich, Germany.
- Lesteven G., **Boutueil V.** (2018) Du transport artisanal aux modes publics intermédiaires : vers une régulation du secteur ? Illustration à partir de cinq villes africaines, 1ères Rencontres Francophones Transport Mobilité (RFTM), June 6-8, Lyon, France.
- Boutueil V.**, Lesteven G. (2018) The role of ICT-based innovations in transforming intermediate transport in African cities. The cases of Cape Town, Nairobi, and Addis Ababa, 7th Transport Research Arena (TRA), April 16-19, Vienna, Austria.
- Boutueil V.**, Eskenazi M., Quillier T., Tanguy C. (2018) Moving and parking to build the city: How craftsmen and small businesses in the building industry cope with parking constraints in Paris, 7th Transport Research Arena (TRA), April 16-19, Vienna, Austria.
- Lesteven G., **Boutueil V.** (2018) Is paratransit a key asset for a sustainable mobility system? Insights from three African cities, Transportation Research Board (TRB) 97th Annual Meeting, Jan. 7-11, Washington D.C., United States.
- Berrada J., Leurent F., Lesteven G., **Boutueil V.** (2017) Between private cars and mass transit: the rise of intermediate modes in the urban setting, Mobil.TUM International Scientific Conference on Mobility and Transport, July 4-5, Munich, Germany.
- Boutueil V.** (2017) When on-street parking is part of the deal... How dedicated on-street parking for commercial services came about in Paris, and why innovation in urban mobility might depend on it, NYU Symposium on Interdisciplinary Perspectives on the History and Social Life of Urban Infrastructure, May 30-June 1, Paris, France.
- Eskenazi M., **Boutueil V.**, Pierre M., Escoffier C. (2017) Digitalisation of society: A momentum for electric vehicles?, DEMAND Centre Conference, May 11, Saclay, France.
- Morganti E., **Boutueil V.** (2017) Electric vans in French urban settings: Obstacles and new practices for professional users, Transportation Research Board (TRB) 96th Annual Meeting, Jan. 8-12, Washington D.C., United States.
- Boutueil V.** (2016) La diffusion de la mobilité électrique dans les territoires : Evolution d'une démarche scientifique et opérationnelle, 15th East-West Francophone Workshop on Transport Socioeconomics, July 11, Shanghai, P.R. China.
- Boutueil V.** (2016) Recent trends in the demand for low-emission vehicles from corporate car fleets in France: The role of tax policy, 14th World Conference on Transport Research (WCTR), July 10-15, Shanghai, P.R. China.
- Eskenazi M., **Boutueil V.** (2016) Are Southeast Asian cities a new fertile ground for innovations in urban mobility? Evidence from taxi services in Kuala Lumpur and Ho Chi Minh City, 14th World Conference on Transport Research (WCTR), July 10-15, Shanghai, P.R. China.
- Pierre M., Morganti E., **Boutueil V.** (2016) Will fleet managers really help vehicle fleets to become electric?, DEMAND Centre Conference, April 13-15, Lancaster, United Kingdom.
- Boutueil V.** (2016) Fleet Management and the Adoption of Innovations by Corporate Car Fleets: An Exploratory Approach, Transportation Research Board (TRB) 95th Annual Meeting, Jan. 10-14, Washington D.C., United States.
- Morganti E., **Boutueil V.** (2015) Electric vehicles for urban freight transport: A preliminary analysis of the French potential market, 9th International Conference on City Logistics, June 17-19, Tenerife, Spain.
- Morganti E., **Boutueil V.** (2015) Electric vehicles for urban freight, XXVth World Road Congress, Nov. 1-6, Seoul, Republic of Korea.

- Boutueil V.**, Leurent F. (2013) Automobility management at the company level: An exploratory investigation in the Paris region, 41st European Transport Conference, Sep. 30 - Oct. 2, Frankfurt, Germany.
- Boutueil V.**, Leurent F. (2013) Automobility management at the company level, 21st GERPISA International Colloquium, June 12-14, Cachan, France.